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The Institution of Mechanical Engineers.

ESTABLISHED 1847.

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LIST OF MEMBERS.

1st MARCH 1915.

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ARTICLES AND BY-LAWS.

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# The Institution of Mechanical Engineers.

ESTABLISHED 1847.

## LIST OF MEMBERS, &c.

1ST MARCH 1915.

### CONTENTS.

	PAGE
PAST-PRESIDENTS . . . . .	2
OFFICERS FOR 1915 . . . . .	3
MEMBERS . . . . .	4-236
<i>Totals, &amp;c.</i> . . . . .	4
<i>Honorary Life Members</i> . . . . .	5
<i>Members</i> . . . . .	6
<i>Associate Members</i> . . . . .	109
<i>Associates</i> . . . . .	215
<i>Graduates</i> . . . . .	218
TOPOGRAPHICAL LIST OF MEMBERS . . . . .	237
ARTICLES AND BY-LAWS, &c. . . . .	277

# The Institution of Mechanical Engineers.

## PAST-PRESIDENTS.

- GEORGE STEPHENSON, 1847-48. (*Deceased* 1848.)
- ROBERT STEPHENSON, F.R.S., 1849-53. (*Deceased* 1859.)
- SIR WILLIAM FAIRBAIRN, BART., LL.D., F.R.S., 1854-55. (*Deceased* 1874.)
- SIR JOSEPH WHITWORTH, BART., D.C.L., LL.D., F.R.S., 1856-57, 1866.  
(*Deceased* 1887.)
- JOHN PENN, F.R.S., 1858-59, 1867-68. (*Deceased* 1878.)
- JAMES KENNEDY, 1860. (*Deceased* 1886.)
- THE RIGHT HON. LORD ARMSTRONG, C.B., D.C.L., LL.D., F.R.S., 1861-62, 1869.  
(*Deceased* 1900.)
- ROBERT NAPIER, 1863-65. (*Deceased* 1876.)
- JOHN RAMSBOTTOM, 1870-71. (*Deceased* 1897.)
- SIR WILLIAM SIEMENS, D.C.L., LL.D., F.R.S., 1872-73. (*Deceased* 1883.)
- SIR FREDERICK J. BRAMWELL, BART., D.C.L., LL.D., F.R.S., 1874-75.  
(*Deceased* 1903.)
- THOMAS HAWKSLEY, F.R.S., 1876-77. (*Deceased* 1893.)
- JOHN ROBINSON, 1878-79. (*Deceased* 1902.)
- EDWARD A. COWPER, 1880-81. (*Deceased* 1893.)
- PERCY G. B. WESTMACOTT, 1882-83.
- SIR LOWTHIAN BELL, BART., LL.D., F.R.S., 1884. (*Deceased* 1904.)
- JEREMIAH HEAD, 1885-86. (*Deceased* 1899.)
- SIR EDWARD H. CARBUTT, BART., 1887-88. (*Deceased* 1905.)
- CHARLES COCHRANE, 1889. (*Deceased* 1898.)
- JOSEPH TOMLINSON, 1890-91. (*Deceased* 1894.)
- SIR WILLIAM ANDERSON, K.C.B., D.C.L., F.R.S., 1892-93. (*Deceased* 1898.)
- SIR ALEXANDER B. W. KENNEDY, LL.D., F.R.S., 1894-95.
- E. WINDSOR RICHARDS, 1896-97.
- SAMUEL WAITE JOHNSON, 1898. (*Deceased* 1912.)
- SIR WILLIAM H. WHITE, K.C.B., LL.D., D.Sc., F.R.S., 1899-1900.  
(*Deceased* 1913.)
- WILLIAM H. MAW, LL.D., 1901-02.
- J. HARTLEY WICKSTEED, 1903-04.
- EDWARD P. MARTIN, 1905-06. (*Deceased* 1910.)
- T. HURRY RICHES, 1907-08. (*Deceased* 1911.)
- JOHN A. F. ASPINALL, M. Eng., 1909-10.
- EDWARD B. ELLINGTON, 1911-12. (*Deceased* 1914.)
- SIR H. FREDERICK DONALDSON, K.C.B., 1913-14.

# The Institution of Mechanical Engineers.

## OFFICERS.

1915.

### PRESIDENT.

W. CAWTHORNE UNWIN, LL.D., F.R.S., ..... London.

### PAST-PRESIDENTS.

JOHN A. F. ASPINALL, M.Eng., ..... Manchester.  
 SIR H. FREDERICK DONALDSON, K.C.B., ..... Woolwich.  
 SIR ALEXANDER B. W. KENNEDY, LL.D., F.R.S., ..... London.  
 WILLIAM H. MAW, LL.D., ..... London.  
 E. WINDSOR RICHARDS, ..... Caerleon.  
 PERCY G. B. WESTMACOTT, ..... Ascot.  
 J. HARTLEY WICKSTEED, ..... Leeds.

### VICE-PRESIDENTS.

WILLIAM H. ALLEN, ..... Bedford.  
 HENRY DAVEY, ..... Ewell.  
 EDWARD HOPKINSON, D.Sc., ..... Manchester.  
 J. ROSSITER HOYLE, ..... Sheffield.  
 MICHAEL LONGRIDGE, ..... Manchester.  
 MARK H. ROBINSON, ..... London.

### MEMBERS OF COUNCIL.

ARCHIBALD BARR, LL.D., D.Sc., ..... Glasgow.  
 SIR J. WOLFE BARRY, K.C.B., LL.D., F.R.S., ..... London.  
 DUGALD CLERK, D.Sc., F.R.S., ..... London.  
 SIR A. TREVOR DAWSON, ..... London.  
 JOHN DEWRANCE, ..... London.  
 SIR J. ALFRED EWING, K.C.B., LL.D., F.R.S., ..... London.  
 SIR ROBERT A. HADFIELD, D.Sc., D.Met., F.R.S., ..... Sheffield.  
 CHARLES HAWKSLEY, ..... London.  
 H. S. HELE-SHAW, LL.D., D.Sc., F.R.S., ..... London.  
 ALFRED HERBERT, ..... Coventry.  
 GEORGE HUGHES, ..... Horwich.  
 HENRY A. IVATT, ..... Hayward's Heath.  
 ROBERT MATTHEWS, ..... Manchester.  
 DONALD B. MORISON, ..... Hartlepool.  
 SIR GERARD A. MUNTZ, BART., ..... Birmingham.  
 ENG. VICE-ADMIRAL SIR HENRY J. ORAM, K.C.B., F.R.S., ..... London.  
 WILLIAM H. PATCHELL, ..... London.  
 WALTER PITT, ..... Bath.  
 VINCENT L. RAVEN, ..... Darlington.  
 CAPTAIN H. RIALI SANKEY, R.E., ret., ..... London.  
 WILSON WORSDELL, ..... Ascot.

### HON. TREASURER.

ARTHUR HUSON, F.Inst.B.

### AUDITOR.

### SECRETARY.

EDGAR WORTHINGTON,

*The Institution of Mechanical Engineers,  
 Storey's Gate, St. James's Park, London, S.W.*

Telegraphic Address:—*Mech, Parl, London.*

Telephone:—*Victoria 4564.*

## TOTALS.

HONORARY LIFE MEMBERS . . . . .	6
MEMBERS . . . . .	2,678
ASSOCIATE MEMBERS . . . . .	2,976
ASSOCIATES . . . . .	51
GRADUATES . . . . .	573
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	6,284
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THE PREFIX **WA** INDICATES THE RECIPIENT OF A WILLANS PREMIUM.

"	"	<b>WA</b>	"	"	"	WATER ARBITRATION PRIZE.
"	"	<b>S</b>	"	"	"	STARLEY PREMIUM.
"	"	<b>HL</b>	"	"	"	A "THOMAS HAWKSLEY" LECTURER.
"	"	<b>WHA</b>	"	"	"	THE RECIPIENT OF A "THOMAS HAWKSLEY" GOLD MEDAL.
"	"	<b>G</b>	"	"	"	A PRIZE FOR A GRADUATES' PAPER
"	"	<b>E</b>	"	"	"	EXAMINATION.



# The Institution of Mechanical Engineers.

ESTABLISHED 1847.

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## LIST OF MEMBERS,

WITH YEARS OF ELECTION AND TRANSFERENCE.

[*Telegraphic Address and Telephone No. appended within brackets.*]

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1ST MARCH 1915.

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## HONORARY LIFE MEMBERS.

[Hon. M.I.Mech.E.]

Date of Election.

1899.	HIS MOST GRACIOUS MAJESTY KING GEORGE THE FIFTH.	
1889.	EIFFEL, GUSTAVE .. .. .	1 Rue Rabelais, Paris.
1883.	{ KENNEDY, Sir ALEXANDER BLACKIE WILLIAM, LL.D., F.R.S. .. .. .	{ Emeritus Professor of Engineering, University College, London: 17 Victoria Street, Westminster, S.W. [ <i>Kinematic, London.</i> ]
1878.	{ RAYLEIGH, The Right Hon. Lord, P.C., O.M., D.C.L., LL.D., F.R.S. .. .. .	{ Terling Place, Witham, Essex.
1911.	STODOLA, Professor Dr. AUREL	{ Eidgenössische Polytechnische Schule, Zürich, Switzerland.
1896.	{ UNWIN, Professor WILLIAM CAWTHORNE, LL.D., F.R.S.	{ Palace Gate Mansions, 29 Palace Gate, Kensington, W.

## MEMBERS.

[M.I.Mech.E.]

Date of Election  
and of Transfer.

1896. A.M.)	} ABADY, JACQUES .. .. .	{ 11 Lyndhurst Rd., Hampstead, N.W.
1900. M.)		
1890.	ABBOTT, ARTHUR HAROLD .. .. .	{ c/o Messrs. Octavius Steel and Co., Calcutta.
1902. A.M.)	} ABEL, WALTER ROBERT .. .. .	{ Scottish Provident Bldgs., Mosley St., Newcastle-on-Tyne.
1906. M.)		
1894.	ACCLES, WILLIAM SLOANE .. .. .	{ 25 Victoria St., Westminster, S.W. [Niliacus, London. Westminster 486.]
1898. A.M.)	} ACFIELD, WILFRED COSENS .. .. .	Signal Supt., Mid. Rly., Derby.
1907. M.)		
1892.	{ ACLAND, Captain FRANCIS ED- WARD DYKE .. .. .	{ 7 Princes Street, Westminster, S.W. [3617 Victoria.]
1876.	ADAMS, HENRY .. .. .	{ 60 Queen Victoria St., E.C. [Bank 6006.]
1907. A.M.)	} ADAMS, HENRY CHARLES .. .. .	{ 60 Queen Victoria St., E.C. [Bank 6006.]
1911. M.)		
1902.	ADAMS, JOHN HENRY .. .. .	{ Loco. Carr. & Wagon Supt., North Staffs. Rly., Stoke-on-Trent.
1892. G.)	} ADAMS, SIDNEY RICKMAN .. .. .	2 Western Road, Bexhill-on-Sea.
1897. A.M.)		
1911. M.)		
1881.	ADAMS, WILLIAM JOHN .. .. .	{ Messrs. Adams and Co., 35 Queen Victoria St., E.C. [Packing, London. Bank 38.]
1897.	ADAMSON, DANIEL .. .. .	Longlands, Hyde, Cheshire.
1912.	ADAMSON, DAVID .. .. .	90 Pilgrim St., Newcastle-on-Tyne.
1871.	ADAMSON, JOSEPH .. .. .	{ Messrs. Joseph Adamson and Co., Hyde. [Adamson, Hyde. Nat. Tel. 13.]
1889.	ADDY, GEORGE .. .. .	{ Waverley Works, Sheffield. [Mill- ing, Sheffield. 985.]
1903.	ADIE, ALFRED EDMOND .. .. .	Rajpur Road, Delhi, India.
1908.	ADLAM, EDWIN GEORGE .. .. .	{ Messrs. George Adlam & Sons, Bristol.
1887.	{ AHMED Pasha, Vice-Admiral, ret. .. .. .	{ late Eng.-in-Chief, Imperial Naval Arsenal; Box 293, Galata P.O., Constantinople.
1895. A.M.)	} AHRONS, ERNEST LEOPOLD .. .. .	22 Cranmer Street, Nottingham.
1898. M.)		
1902.	{ AITKEN, CHARLES HENRY WILLIAM .. .. .	{ Manager, El Varadero de Manila, Cañacao, Manila, Philippine Islands.
1900.	AITKEN, HUGH WALLACE .. .. .	{ 147 Bath St., Glasgow. [Sugar- cane, Glasgow.]

Date of Election  
and of Transfer.

1910.		AITON, JOHN ARTHUR .. ..	Messrs. Aiton & Co., Derby. [ <i>Chan- neled, Derby. Derby 525.</i> ]
1909.	{	AKROYD-STUART, CHARLES HENRY .. .. .	Messrs. Saunders and Stuart, Mel- bourne Road, Perth, W. Aus- tralia.
1901.		AKROYD-STUART, HERBERT ..	Akroyd Buildings, Melbourne Rd., Perth, W. Australia.
1898. G. }	}	ALDERSON, CHARLES ALBERT HESELTON .. .. .	Messrs. Allen, Alderson & Co., Gracechurch St., Alexandria, Egypt; and Cliff House, Bul- keley, Ramleh, Egypt.
1900. A.M. }			
1890. G. }	}	ALDERSON, GEORGE ALEX- ANDER .. .. .	Messrs. Allen, Alderson & Co., Alex- andria, Egypt; and The Cloisters, Bulkeley, Ramleh, Egypt.
1896. A.M. }			
1908. A.M. }	}	ALDRIDGE, THOMAS HENRY UNITE .. .. .	Messrs. Allen, Alderson and Co., Alexandria, Egypt; and Norland House, Ramleh, Egypt.
1913. M. }			
1875.		ALLAN, GEORGE .. .. .	Municipal Electrical Eng., Fearon Road, Shanghai, China.
1885. G. }	}	ALLCARD, HARRY .. .. .	152 Rye Hill, Newcastle-on-Tyne. Messrs. Easterbrook, Allcard and Co., 9-11 Fenchurch Avenue, E.C.
1887. M. }			
1912.		ALLEN, CLAUDE .. .. .	Leonie, Eastbury Avenue, North- wood, Middlesex.
1913.		ALLEN, ERNEST JOSHUA ..	Messrs. S. Pearson & Son, 10 Victoria Street, Westminster, S.W.
1874. G. }	}	ALLEN, FRANCIS .. .. .	Cockley Cley Hall, Swaffham.
1894. M. }			
1902. A.M. }	}	ALLEN, HAROLD GWYNNE, M.A.	Queen's Engineering Works, Bed- ford.
1907. M. }			
1891.		ALLEN, MARCUS .. .. .	Carlton Lawn, Chester Road, Stret- ford, Manchester.
1881.		ALLEN, PERCY RUSKIN .. ..	Linden Lodge, Runcorn, Cheshire. [ <i>Ruskin, Runcorn. 83.</i> ]
1900.		ALLEN, RICHARD WILLIAM	Queen's Engineering Works, Bed- ford. [ <i>Pump, Bedford.</i> ]
1885.	{	{ ALLEN, WILLIAM HENRY (Vice-President) .. .. .	Queen's Engineering Works, Bed- ford. [ <i>Pump, Bedford.</i> ]
1882.		ALLEN, WILLIAM MILWARD	Iverdale, Denison Road, Victoria Park, Manchester.
1899.		ALLEY, STEPHEN EVANS ..	Sentinel Works, Polmadie Rd., Glasgow. [ <i>Alley, Glasgow. Royal 678.</i> ]
1911. A.M. }	}	ALLINGHAM, HENRY WILLIAM	Sharston Manor, Gatley, Cheadle, Cheshire.
1914. M. }			
1907.		ALLISON, OSWALD .. .. .	Zwartkops, Cape Colony.
1871.		ALLPORT, HOWARD ASTON ..	Dodworth Grove, Barnsley.
1902. A.M. }	}	AMBLEB, RATCLIFF VINCENT	Genl. Mgr., New Paccha and Jaz- Pampa Nitrate Co., Oficina Jaz- Pampa, Pisagua, Chile.
1905. M. }			
1904.		AMES, RICHARD .. .. .	Municipal and County Club, White- hall Court, S.W.
1908.		AMOR, WALTER .. .. .	Manager, Ammunition Factory, Kirkee, India.
1885. G. }	}	AMOS, EWART CHARLES ..	22 Martin's Lane, Cannon St., E.C. [ <i>Drilling, London. Bank 5488.</i> ]
1891. M. }			

Date of Election  
and of Transfer.

1880.	G.)	ANDERSON, EDWARD WILLIAM	{	Lesney, Warwick Rd., Solihull, Birmingham.
1892.	M.)			
1902.		ANDERSON, HARRY .. .. .	{	Bamberton Works, Tod Inlet, British Columbia.
1890.		ANDERSON, HERBERT WILLIAM	{	Wharepuni, Old Woking Rd., West Byfleet, Weybridge.
1904.	A.M.)	ANDERSON, JAMES KEITH ..	{	Messrs. Urquhart Lindsay & Co., Blackness Foundry, Dundee.
1910.	M.)			
1905.		ANDERSON, JOHN .. .. .	{	Canterbury Foundry, Christchurch, N.Z.
1901.		ANDERSON, JOHN REID .. .. .	{	The Hollies, Gibsons Hill, Nor- wood, S.E.
1892.		{ ANDERSON, JOHN WEMYSS, M. Eng. .. .. . }	{	The University, Liverpool.
1902.		ANDERSON, PERCY .. .. .	{	S. African Rlys., P.O. Box 36, Cape Town, Cape Colony.
1907.	A.M.)	ANDERSON, WILLIAM JOHN ..	{	Messrs. Wright, Anderson & Co., Abbot St., Gateshead.
1914.	M.)			
1899.		{ ANDREW, Eng. Commander GEORGE EDWARD, R.N. .. }	{	H.M.S. "Kent," c/o Postmaster General, E.C.
1911.		ANDREWS, GEORGE LEONARD	{	Pernambuco Tramways and Power Co., Pernambuco, Brazil.
1908.		{ ANDREWS, GEORGE SAMUEL BURT .. .. . }	{	Town Engineer, Municipal Offices, Johannesburg, Transvaal.
1912.		ANGUS, JAMES ALLAN .. .. .	{	Kaims Foundry, P.O. Box 357, Ahlone, Rangoon, British Burma.
1905.		ANSTEY, HENRY CHARLES ..	{	Inspeccion General de Maquinas, Arsenales de Marina, Valparaiso, Chile.
1906.		ANTHONY, CHARLES, Jun. ..	{	Casilla de Correo 149, Bahia Blanca F.C.S., Buenos Aires, Arg. Rep.
1883.	G.)	APPLEBY, PERCY VAVASSEUR	{	Rostherne, Red Hill.
1892.	M.)			
1912.		APPLEYARD, FREDERICK ..	{	Resident Docks Engineer, North Eastern Railway, West Hartle- pool.
1874.		ARAMBURU Y SILVA, FERNANDO	{	General Or�a 60, Madrid, Spain.
1903.		ARKWRIGHT, BERNARD GEORGE	{	Sir W. G. Armstrong, Whitworth & Co., Elswick Works, Newcastle- on-Tyne.
1882.		ARMER, JAMES .. .. .	{	10 Eastcheap, E.C.
1902.		ARMES, BENJAMIN STEPHEN ..	{	44 Manor Road, Brockley, S.E.
1902.	A.M.)	ARMISTEAD, THOMAS WEBSTER	{	Messrs. D. Rollo & Sons, Fulton Engine Works, Liverpool.
1905.	M.)			
1894.		ARMOUR, JAMES GLENCAIRN ..	{	Queen Insurance Bldgs., 13 Castle St., Liverpool. [Area, Liverpool. 2413.]
1876.		ARMSTRONG, WILLIAM .. .. .	{	Elmfield Lodge, Gosforth, New- castle-on-Tyne.
1903.	A.M.)	ARMYTAGE, JOHN HAWKSWORTH	{	Board of Trade, 47 Victoria St., Westminster, S.W.
1910.	M.)			
1897.	A.M.)	ARNOLD, WILLIAM .. .. .	{	35 Shandon Crescent, Edinburgh.
1900.	M.)			
1902.		ARNOT, ARTHUR JAMES .. .. .	{	Babcock and Wilcox Co., 427 and 429 Sussex St., Sydney, N.S.W.
1894.		ARNOT, WILLIAM .. .. .	{	163 Hope Street, Glasgow. [Induction, Glasgow, Argyle 688.]

Date of Election  
and of Transfer.

1887.	ARTEAGA, ALBERTO DE .. ..	{ Juncal 1367, Buenos Aires, Arg. Rep.
1913.	ASBRIDGE, HARRY HALES .. ..	{ Works Manager, Churchill Machine Tool Co., Pendleton, Man- chester.
1902.	ASBURY, GEORGE ELIAS .. ..	{ Newark Boiler Works, Newark; and 11 The Park, Newark. [ <i>Asbury</i> , <i>Newark.</i> ]
1901.	ASH, ALFRED ELLIS .. ..	{ Messrs. Wm. Esplen & Sons, 31 James St., Liverpool.
1873.	{ ASHBURY, THOMAS ( <i>Life Mem- ber</i> ) .. .. .	{ Ash Grove, Victoria Park, Long- sight, Manchester. [ <i>Aluminium</i> , <i>Manchester.</i> ]
1907. A.M.)	ASHDOWN, JABEZ WILLIAM .. ..	{ Messrs. Wm. Weeks & Son, Perse- verance Iron Works, Waterside, Maidstone.
1910. M.)		
1889. G.)	ASHFORD, JOHN .. .. .	{ Central Workshops, Amritsar, Punjaub, India.
1896. A.M.)		
1901. M.)		
1903.	ASHLEY, HERBERT .. .. .	{ Engineer, Water Works Co., Com- mercial Rd., Portsmouth.
1891.	ASHWORTH, HENRY .. .. .	{ Brynderwen, Bwlch, R.S.O., Bre- conshire.
1907.	ASHWORTH, JOHN DAWSON .. ..	{ Eng. and Genl. Manager, Portsea Island Gas Light Co., Hilssea Gas Works, Cosham, Hants.
1902. A.M.)	ASPIN, JOHN .. .. .	{ Messrs. J. and P. Coats, 50 Both- well St., Glasgow.
1910. M.)		
1881.	{ ASPINALL, JOHN AUDLEY FREDERICK, M. Eng. ( <i>Past- President</i> ) .. .. .	{ Genl. Manager, L. and Y. Ry., Hunt's Bank, Manchester; and Gledhill, Mossley Hill Drive, Liverpool.
1902.	ASTBURY, ALBERT JAMES .. ..	{ Wood End, Barnt Green, near Birmingham.
1890.	ASTON, JOHN W. .. .. .	{ Messrs. Belliss and Morcom, Ledsam St., Birmingham.
1899.	ATHERTON, THOMAS .. .. .	{ Dallam Forge, Warrington; and Folly Lane, Warrington.
1901. A.M.)	ATHERTON, WILLIAM HENRY .. ..	113 Whitaker Rd., Derby.
1905. M.)		
1905. A.M.)	ATKINS, HARRY FREDERICK .. ..	{ The Colchester Lathe Co., Col- chester.
1913. M.)		
1905. A.M.)		
1911. M.)	ATKINSON, CYRIL JOSEPH .. ..	{ Fairbanks-Morse Mfg. Co., Beloit, Wis., U.S.
1896. A.M.)		
1904. M.)	ATKINSON, FREDERIC .. .. .	{ Albert Bldgs., 49 Queen Victoria St., E.C. [ <i>Fixed, London.</i> ]
1898. A.M.)		
1904. M.)	ATKINSON, HENRY .. .. .	78 Queen Victoria Street, E.C.
1897. A.M.)	ATKINSON, ROBERT ERNEST .. ..	{ 81 Binns Rd., Edge Lane, Liver- pool.
1902. M.)		
1900. G.)		
1901. A.M.)	ATTOCK, FREDERICK WILLIAM .. ..	{ Loco. Dept., Lanes. & Yorks. Rly., Horwich, Lanes.
1913. M.)		
1898.	ATTWOOD, JABEZ .. .. .	{ Foster St., Stourbridge; and Hag- ley Rd., Stourbridge. [ <i>Attwoods</i> , <i>Stourbridge.</i> ]
1911.	AULD, JOHN .. .. .	{ Loco. Supt., Barry Railway, Barry, B.O., Glam.

Date of Election  
and of Transfer.

1892.	AUSTIN, JAMES MEREDITH ..	{ Genl. Manager, British Engineering Co. of Egypt, 10 Sharia Zervudachi, Cairo, Egypt.
1894. A.M.)	AVELINE, WILLIAM REBOTIER	{ Asiatic Petroleum Co., St. Helen's Court, Great St. Helen's, E.C.
1898. M.)		
1882.	AVELING, THOMAS LAKE ..	{ Messrs. Aveling and Porter, Rochester. [ <i>Aveling, Rochester.</i> ]
1897. A.M.)	BACK, ARTHUR CHARLES LEM- PRIERE .. .. .	} Abbey Garage, Plymouth.
1900. M.)		
1904. A.M.)	BACK, WALTER HERBERT ..	{ Nelson Iron Works, Gt. Yarmouth. [ <i>Pertwee, Gt. Yarmouth.</i> 0178.]
1913. M.)		
1899. A.M.)	BACKHOUSE, JOHN .. .. .	} 16 Merton Rd., Bootle, Liverpool.
1912. M.)		
1909.	BADER, FREDERICK ROBERT ..	{ c/o Messrs. Henry S. King & Co., 65 Cornhill, E.C.
1905.	{ BAGNALL-WILD, Capt. RALPH KIRKBY, R.E., ret. .. .. .	{ 6 Church Circle, Farnborough, Hants.
1904. A.M.)	BAGSHAWE, BENJAMIN WYATT	{ Messrs. D. T. Keymer & Co., 5 Mangoe Lane, Calcutta.
1911. M.)		
1899.	BAGULEY, ERNEST EDWIN ..	{ Baguley Cars, Ltd., Burton-on- Trent. [ <i>Baguley, Burton-on- Trent.</i> 572.]
1907. A.M.)	BAILEY, DUNCAN GEORGE ..	{ Genl. Manager, Messrs. C. Roberts & Co., Horbury Junction, near Wakefield.
1911. M.)		
1901.	BAILIE, JOHN DAVID .. .. .	{ 65-67 Prudential Buildings, Park Row, Leeds. [ <i>Turbo, Leeds.</i> 1194.]
1902.	BAIN, DAVID .. .. .	{ Carr. and Wagon Supt., Mid. Rly., Derby.
1890.	BAIN, GEORGE .. .. .	{ Zeitoun, Norton, Letchworth, Herts.
1880.	BAIN, WILLIAM NEISH .. .. .	{ 40 St. Enoch Sq., Glasgow; and Collingwood, 7 Aytoun Rd., Pollokshields, Glasgow. [ <i>Glacis, Glasgow.</i> ]
1902.	BAIRD, DAVID GEORGE .. .. .	{ Talbot Engineering Works, Talbot Place, Dublin. [995.]
1898.	BAISTER, CHARLES .. .. .	{ Divl. Loco. Supt., N.E. Railway, Gateshead.
1897.	BAKER, GEORGE SAMUEL ..	{ Messrs. Joseph Baker & Sons, Willesden Junction, N.W. [ <i>Bakers, London. Willesden</i> 1202.]
1902. G.)	BAKER, HENRY NEWTON ..	{ Laburnam Cottage, The Vale, Hampstead Heath, N.W.
1903. A.M.)		
1912. M.)		
1904.	BAKER, JOSEPH ALLEN, M.P.	{ Messrs. Joseph Baker & Sons, Willesden Junction, N.W. [ <i>Bakers, London. Willesden</i> 1202.]
1894.	BALDWIN, ARTHUR HUGH ..	{ Messrs. Kendall & Gent, Victoria Works, Belle Vue, Manchester. [ <i>Tools, Manchester.</i> 5147.]

Date of Election  
and of Transfer.

1901. A.M.}	BALE, JOHN HENRY FOOKS ..	{ Tata Hydro Electric Power Supply Co., Khopoli, Poona District, Bombay.
1905. M.}		
1877.	BALE, MANFRED POWIS .. ..	{ 15 Sutton Court Road, Chiswick, W.
1897.	BALKWILL, ALFRED JOHN .. ..	{ 8 Boar Lane Chambers, Basinghall St., Leeds.
1914.	BALL, JAMES BENJAMIN .. ..	{ Eng.-in-Chief, Gt. Central Rly., Marylebone Station, N.W.
1903.	{ BALL, Eng. Commander RALPH HILL CODRINGTON, R.N. ..	{ Engr. Manager's Dept., H.M. Dockyard, Portsmouth.
1897. A.M.}	BAMBER, HERBERT WILLIAM	{ 166 Piccadilly, W. [ <i>Gazeuse, London. Regent</i> 290.]
1903. M.}		
1898.	BAMFORD, ROBERT GEORGE .. ..	{ c/o Mercantile Bank of India, P.O. No. 11, Madras.
1898.	BANCROFT, FRANCIS JAMES .. ..	{ Barnet District Gas and Water Co., New Barnet.
1892.	BANISTER, GEORGE HENRY .. ..	{ Ordnance Dept., Messrs. Vickers Ltd., Barrow-in-Furness.
1901.	BARBER, JOHN WATKINS .. ..	{ Longhedge House, Silverthorne Rd., Battersea Park, S.W.
1898. A.M.}	BARBER, THOMAS WALTER .. ..	{ 72 Victoria Street, Westminster, S.W.
1902. M.}		
1903.	BARCLAY, ANDREW WALKER .. ..	{ 122 Wellington Street, Glasgow. [ <i>Confab, Glasgow.</i> ]
1910.	BARDILL, WILLIAM .. ..	{ 6 St. Peter's Gate, Nottingham.
1910. A.M.}	BARGE, HENRY LOWTHIAN .. ..	{ Messrs. Bullivant & Co., 72 Mark Lane, E.C.
1913. M.}		
1888. G.}	BARKER, ERIC GORDON .. ..	{ 22 Vale Drive, New Brighton, Birkenhead.
1893. A.M.}		
1896. M.}		
1899.	BARKER, GERALD .. ..	{ c/o Messrs. R. Oliver & Son, 32 Nicholas Lane, Lombard Street, E.C.
1906. A.M.}	BARKER, JOHN HENRY .. ..	{ Messrs. Moses Eadon & Sons, President Steel Works, Sheffield.
1910. M.}		
1903. A.M.}	BARKER, LAURENCE CHECKLEY	Clyde House, Nevil Road, Bristol.
1913. M.}		
1899. A.M.}	BARKER, THOMAS PERRONET .. ..	{ Managing Director, Messrs. Thomas Piggott and Co., Spring Hill, Birmingham.
1903. M.}		
1885.	BARKER, T. BIRKETT .. ..	{ Lapworth Croft, Hockley Heath, Warwickshire.
1914.	{ BARKER, WILLIAM THOMAS EDWARD .. ..	{ Manager, Messrs. David Rowell & Co., 33 Old Queen Street, Westminster, S.W.
1900.	{ BARMAN, HARRY DRUMMOND DAWSON .. ..	{ 10 University Gardens, Glasgow.
1904.	BARNES, CHARLES .. ..	{ 171 Maldon Road, Colchester.
1891.	BARNES, JOHN EDWARD LLOYD	{ 34 Castle St., Liverpool. [ <i>Technical, Liverpool.</i> 6080.]
1884.	{ BARR, Professor ARCHIBALD, LL.D., D.Sc. ( <i>Member of Council</i> ) .. ..	{ Westerton of Mugdock, Milngavie, Glasgow.
1907.	{ BARRACLOUGH, Prof. SAMUEL HENRY .. ..	{ Russell School of Engineering, The University, Sydney, N.S.W.
1887.	BARRINGER, HERBERT .. ..	{ 78 Gracechurch St., E.C.

Date of Election  
and of Transfer.

1862.		BARROW, JOSEPH ( <i>Life Member</i> )	{ Disley Mount, Carew Rd., Northwood, S.O., Middlesex.
1901. A.M. }	M. }	BARROW, LOUIS .. .. .	{ Messrs. Cadbury Brothers, Bournville, Birmingham.
1904. M. }			
1912.		BARRY, DAVID .. .. .	{ Purfleet House, Purfleet, Essex.
1871.		{ BARRY, Sir JOHN WOLFE, K.C.B., LL.D., F.R.S. ( <i>Member of Council</i> ) .. .. .	{ Dartmouth House, 2 Queen Anne's Gate, Westminster, S.W. [ <i>Consilium, London. Westminster 248.</i> ]
1912.		BARSDORF, HENRY .. .. .	{ General Manager, St. George's Iron Works, Manchester.
1883.		BARTLETT, JAMES HERBERT ..	{ Middlesbrough, Kentucky, United States.
1897. G. }	A.M. }	BARTLEY, BRYAN COLE .. .. .	{ Messrs. S. Sykes & Co., Finsbury Court, Finsbury Pavement, E.C.
1901. A.M. }			
1910. M. }			
1900. A.M. }			
1904. M. }		BARTY, ALEXANDER DOUGLAS	{ 41 Hart Road, Erdington, Birmingham.
1913.		BASAGOITI, WALTER PARKE DE	{ Senior Govt. Inspector of Machy., Kuala Lumpur, Selangor, Federated Malay States.
1899.		BASHFORTH, ANDREW .. .. .	{ 213 Abbeyfield Road, Pitsmoor, Sheffield.
1911.		BATEMAN, HENRY HERBERT ..	{ Messrs. Bulloch Bros. & Co., Rangoon, British Burma.
1896.		BATEMAN, JAMES THOMAS ..	{ 34 Bridge Avenue, Hammer-smith, W.
1903. A.M. }	M. }	BATES, HERBERT .. .. .	{ Managing Director, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester.
1906. M. }			
1911.		BATES, WALTER JAMES .. .. .	{ Victoria Iron Works, Denton, Manchester.
1913.		BATTEN, EDWARD .. .. .	{ Beckenham Motor Garage Co., 103 High St., Beckenham.
1904.		BAXTER, GEORGE HANDYSIDE	{ Clyde Navigation Trust, 16 Robertson St., Glasgow.
1892.		BAXTER, PETER MACLEOD ..	{ Copland Works, Govan, Glasgow. [ <i>Calidad, Glasgow. Nat. Govan 36; Corpn. Govan 87; Private, Hillhead 628.</i> ]
1912.		BAYFIELD, HENRY ARTHUR ..	{ 1154 Pacific Street, Vancouver, B.C.
1899.		BAYLEY, GEORGE RIDLEY ..	{ Res. Eng. and Manager, Liverpool Hydraulic Power Co., 123 Athol St., Liverpool, N.
1903.		BAYLISS, WILLIAM .. .. .	{ Ashlynn, Thompson Cross, Stalybridge.
1911. A.M. }	M. }	BAYNES, FREDERICK WALTER	{ Messrs. Malcomess and Co., East London, Cape Colony.
1913. M. }			
1899.		BEALE, BERTRAM ROBERT ..	{ Britannia Works, Wharf Rd., City Rd., N. [ <i>North 617.</i> ]
1903. G. }	A.M. }	BEALE, SAMUEL RICHARD ..	{ Messrs. L. Sterne & Co., Crown Iron Works, Glasgow.
1906. A.M. }			
1912. M. }			
1901. A.M. }	M. }	BEAR, MAURICE MAYHEW ..	{ Messrs. Babcock & Wilcox, Clive Buildings, Calcutta.
1909. M. }			



Date of Election  
and of Transfer.

1898.	BEARD, ARTHUR CHARLES ..	{ London County Council, Spring Gardens, S.W.
1895.	BEARD, BERNARD .. .. .	{ Messrs. Beard, Huddart & Co., Victoria Buildings, Stockton-on-Tees.
1887.	{ BEARDMORE, Sir WILLIAM, Bart. .. .. .	{ Parkhead Forge and Steel Works, Glasgow.
1903. A.M.)	BEARE, HAROLD HARGREAVES	{ General Manager, Messrs. Wilson & Co., Welshmill Engineering Works, Frome.
1913. M.)		
1893.	{ BEARE, Professor THOMAS HUDSON, F.R.S.E. .. .. .	{ The University, Edinburgh.
1891.	{ BEATTY, HAZLITT MICHAEL, C.M.G. .. .. .	{ Ex-Chief Loco. Supt., Govt. Rlys., Cape Town; and Rosclare Camp Ground, Rondebosch, Cape Town, Cape Colony.
1899.	{ BEAUMONT, Professor ROBERTS, M.Sc. .. .. .	{ The University, Leeds.
1880.	BEAUMONT, WILLIAM WORBY	{ 7 Outer Temple, 222 Strand, W.C. [Vibromotor, London. Gerrard 4160.]
1902. A.M.)	BEAVER, JOHN ROBERT .. ..	Post Box 1198, Valparaiso, Chile.
1910. M.)		
1908.	BECHER, ROBERT ARNOLDS ..	Lanauli, Bombay Presidency, India.
1873.	BECK, WILLIAM HENRY .. ..	115 Cannon St., E.C.
1913.	BECKER, CLARENCE .. .. .	Fieldhead, Myddleton, Ilkley.
1882.	BEDSON, JOSEPH PHILLIPS ..	{ 137 Lapwing Lane, Didsbury, Manchester.
1903. G.)	BEECHING, FRANK WILLIAM ..	{ Messrs. Kynoch, 90 William St., Melbourne, Victoria.
1904. A.M.)		
1914. M.)		
1900. A.M.)	BEGBIE, SYDNEY DAWSON .. ..	{ Aster Engineering Co., Wembley, S.O., Middlesex.
1904. M.)		
1901.	BEHR, HANS CHARLES .. .. .	{ Room 1320, 233 Broadway, New York, U.S.
1911.	BEILKEN, BERNHARD JOHANN	{ Suptg. Eng., Norddeutscher Lloyd, New Praya 2, Hong Kong, China.
1908.	BÉLIARD, HENRI JEAN PIERRE	{ Messrs. Béliard, Crighton & Co., Antwerp, Belgium.
1902.	BELL, ARTHUR MORTON .. ..	{ Carr. and Wagon Supt., G.I.P.Rly., Bombay.
1900. A.M.)	BELL, CHARLES SEVER .. .. .	26 Suffolk Street, Pall Mall, S.W.
1908. M.)		
1901. A.M.)	BELL, JAMES ALEXANDER .. ..	{ Electrical and Tramway Eng., Corpn. Electricity Works, Millburn St., Aberdeen.
1906. M.)		
1907.	BELL, JOHN FERGUSON .. ..	{ Engineer, Derby Gas Light and Coke Co., Friar Gate, Derby.
1897.	BELLAMY, ALFRED ROWE .. ..	{ Messrs. Richard Hornsby and Sons, Grantham.
1897.	BELLISS, JOHN .. .. .	{ Messrs. Belliss & Morecom, Ledsam St., Birmingham [Belliss, Birmingham.]; and 18 Carpenter Rd., Edgbaston, Birmingham.
1895.	BENN, SYKES .. .. .	{ Messrs. S. S. Stott & Co., Haslingden, Manchester. [Elevator, Haslingden. 103.]

Date of Election  
and of Transfer.

1902.		BENNETT, ARTHUR EDWARD..	{ Northey Road Works, Foleshill, Coventry. [ <i>Profile, Coventry.</i> 221.]
1903. A.M.	}	BENNETT, FREDERICK WILLIAM	{ London Small Arms Co., Victoria Park Mills, Old Ford, E.
1913. M.			
1900. G.	}	BENNETT, HENRY ARTHUR DILLON .. .. .	{ Prudential Bldgs., Mosley St., Newcastle-on-Tyne.
1903. A.M.			
1911. M.			
1900.		BENNIE, PETER .. .. .	Agencia de Tharsis, Huelva, Spain.
1895. A.M.	}	BENNIS, ALFRED WILLIAM ..	{ West Cliffe, Half Edge Lane, Eccles. [66.]
1899. M.			
1907.		BENSON, WILLIAM HAIGH ..	Renishaw Iron Works, Chesterfield.
1907.		BENTLEY, HARRY .. .. .	{ Genl. Mgr., Messrs. John Musgrave & Sons, Globe Iron Works, Bolton.
1896. A.	}	BENTLEY, WALLACE .. .. .	{ Royal Insurance Bldgs., Crossley St., Halifax; and Hyde Park, Halifax. [43.]
1897. A.M.			
1900. M.			
1903.		BENTON, WALFORD JOHN ..	27 Cardigan Road, Leeds.
1895.	}	{ BERCHEM, ALPHONSE HENRY EMANUEL .. .. .	{ Worthington Pump Co., India House, Kingsway, W.C. Chief Engineer, Aden Port Trust, Aden, Arabia.
1914.			
1902. A.M.	}	BERRINGTON, ERNEST EVANS	{ Prudential Chbrs., Lichfield St., Wolverhampton.
1905. M.			
1905. A.M.	}	BERRY, FREDERICK LAURENCE	{ c/o A. Taylor, 216 Abbeyfield Rd., Pitsmoor, Sheffield.
1910. M.			
1893.		BERRY, HENRY .. .. .	Croydon Works, Leeds.
1903. A.M.	}	BERRY, HERBERT .. .. .	{ Messrs. Bernays & Harfield, P.O. Box 528, Moscow, Russia.
1910. M.			
1897.		BERTHIEZ, CHARLES .. .. .	{ 2 Villenstrasse, Neudorf, Strass- burg, Alsace, Germany.
1891.		BEST, FRANCIS EDWARD ..	Sion Cottage, Riverside, Twicken- ham.
1899.	}	{ BESWICK, FREDERICK ARROW- SMITH .. .. .	{ M. S. U. Assoon., 9 Mount St., Manchester.
1906. A.M.			
1910. M.	}	BETTANY, JOHN THOMAS ..	{ Works Mgr., Messrs. Vickers Ltd., Crayford Wks., Crayford, Kent.
1893.			
1893.		BETTS, SAMUEL .. .. .	Danderyd, Sweden.
1899. A.M.	}	BEVEN, ALFRED NUGENT ..	{ Messrs. the Soc. Com. Harrington Morrison and Co., Iquique, Chile.
1901. M.			
1903.		BICKERTON, HENRY NIELD ..	{ Managing Director, National Gas Engine Co., Ashton-under-Lyne.
1902. A.M.	}	BIGG-WITHEB, LIONEL .. ..	{ Assist. Loco. Supt., G.I.P. Rly.: c/o Messrs. Grindlay, Groom & Co., Bombay.
1912. M.			
1898.		BILBIE, JOHN .. .. .	106 Queen Victoria Street, E.C.
1897.		BILLETOP, TORBEN CHRISTIAN	{ Messrs. Henry Watson and Son, High Bridge Works, Newcastle- on-Tyne.
1909.		BILLINGTON, JOHN ROBERT ..	{ Gas Manager, Lancs. and Yorks. Rly., Horwich, Lancs.
1909. A.M.	}	BILLINTON, LAWSON B. .. ..	{ Loco. Engineer, L. B. & S. C. Rly., Brighton.
1914. M.			
1904. A.M.	}	BING, HERBERT .. .. .	{ "F" Floor, Milburn House, Dean St., Newcastle-on-Tyne.
1909. M.			
1887.	}	{ BINNIE, Sir ALEXANDER RICHARDSON .. .. .	{ St. Stephen's House, Victoria Em- bankment, Westminster, S.W.

Date of Election  
and of Transfer.

1902. A.M. 1912. M.)	BINNS, ASA .. .. .	{ 1 Little Heath, Old Charlton, Kent.
1903. A.M. 1906. M.)	BINNS, WALTER .. .. .	{ Genl. Mgr., Para Electric Rly. and Lighting Co., Caixa 29, Para, Brazil.
1897.	BIRD, WILLIAM HOBART .. .. .	{ The Gate House, Earlsdon, Coventry.
1880. G. 1894. M.)	BIRKETT, HERBERT .. .. .	{ 62 Brondesbury Villas, Kilburn, N.W.
1912.	BIRKS, LAWRENCE .. .. .	{ Public Works Department, Well- ington, New Zealand.
1908.	BISHOP, WILLIAM GEORGE .. .. .	{ Asst. Supt. (Mech.), S. African Rlys., P.O. Box 40, Port Eliza- beth, Cape Colony.
1914.	BISSELL, EDWIN ERNEST .. .. .	{ Messrs. Tangyes, Cornwall Works, Soho, Birmingham.
1903.	BJÖRNSTAD, JÖRGEN .. .. .	{ Perranwell, Woodcote Rd., Caver- sham Heights, Reading.
1912.	BLACK, GEORGE JAMES FORBES	{ Messrs. Thornewill and Warham, Burton-on-Trent.
1896.	BLACK, PETER BLAIR .. .. .	{ Burrow Hill Silica Co., 53 New Broad St., E.C.
1908. A.M.) 1912. M.)	BLACKBURN, ALBERT ARTHUR	{ Car Works Dept., City Tramways, Sandy Row, Belfast.
1891.	BLACKBURN, GEORGE WILLIAM	{ Messrs. T. Green and Son, Smith- field Iron Works, Leeds.
1890.	BLACKBURN, JOHN .. .. .	{ Resident Eng., Colne Valley Water Works, Bushey, Watford.
1904.	BLACKITH, FREDERICK .. .. .	{ Imperial Chbrs., Bowlalley Lane, Hull.
1907.	{ BLACKMAN, ALFRED SUTHER- LAND .. .. .	{ Boro' Electrical Eng., Electricity Offices, Dunning St., Sunderland.
1898.	{ BLACKSTONE, EDWARD CHRIS- TOPHER .. .. .	{ Managing Director, Rutland Engi- neering Works, Stamford. [ <i>Black- stones, Stamford.</i> ]
1902. A.M.) 1904. M.)	BLAGDEN, HENRY ROBERT	{ Manager, Alexandria Water Co., Alexandria, Egypt.
1913.	{ BLAGRAVE, JOHN WILLIAM BORCHERDS .. .. .	{ Loco. and Carr. Supt., Bhavnagar State Rly., Kathiawar, India.
1908.	BLAIR, DAVID KER.. .. .	{ Nathan's Buildings, 9 Grey St., Wellington, New Zealand.
1905. A.M.) 1913. M.)	BLAKE, ANDREW WILLIAM .. .. .	{ Electricity Offices, Salusbury Rd., Kilburn, N.W.
1901.	BLAKE, MATTHEW .. .. .	{ Victoria Works, Greenock. [ <i>Filter, Greenock. 130.</i> ]
1911.	BLAKE, RUSTAT .. .. .	{ c/o the Consulting Eng., Bengal- Nagpur Rly., Dartmouth House, 2 Queen Anne's Gate, West- minster, S.W.
1907.	BLAKEY, CHARLES .. .. .	{ Managing Director, Messrs. M. Helfferich-Sadet, Charkov, South Russia.
1905.	BLAKEY, ROBERT COPE .. .. .	{ Messrs. Clayton and Shuttleworth, III/2 Löwengasse 34, Vienna, Austria.
1901.	BLAND, FREDERICK.. .. .	{ Manager, Yorks. Steel and Engi- neering Works, Sheffield; and 6 Kenbourne Rd., Sheffield.

Date of Election  
and of Transfer.

1906.	BLAND, JOHN PARKINSON ..	{ Chief Eng., "The Times," 2 Printing House Square, E.C.
1898.	BLANE, WILLIAM .. .. .	Thrupton, Andover.
1895. A.M.)	BLAXTER, AUGUSTUS PEARCE, Jun. .. .. .	{ Messrs. Barnett and Foster, Niagara Works, Eagle Wharf Rd., New North Rd., N.
1899. M.)		
1892.	BLECHYNDEN, JOHN .. .. .	Brougham St., Nelson, N.Z.
1867.	BLECKLY, JOHN JAMES .. .. .	Bewsey Iron Works, Warrington; and Daresbury Lodge, Altrincham.
1910.	{ BLUCK, MONTAGUE THOMAS	Messrs. Sellar Murray & Co., Penang, Straits Settlements.
	{ NELMES .. .. .	
1882. G.)	BLUNDSTONE, SAMUEL RICHARDSON .. .. .	15 Farringdon Avenue, E.C.
1885. M.)		
1902.	BOAK, WILLIAM .. .. .	{ Messrs. Delmege, Forsyth and Co., Colombo, Ceylon.
1902.	BOARDMAN, JAMES .. .. .	{ c/o Baron L. Knoop, Machinery Dept., Moscow, Russia.
1884. G.)	BOCQUET, HARRY CLAUDE ..	4 Kimbolton Avenue, Bedford.
1894. M.)		
1913.	BOND, FREDERICK ARTHUR	{ 118 Nightingale Lane, Wandsworth Common, S.W.
1895.	BOND, GEORGE CRESWELL ..	Aspley House, Nottingham. [ <i>Bonds, Nottingham. 441.</i> ]
1901. A.M.)	BOND, JOHN THOMAS .. .. .	National Boiler & General Insurance Co., 22 St. Ann's Sq., Manchester.
1910. M.)		
1884.	BONE, WILLIAM LOCKHART ..	Works of the Ant and Bee, West Gorton, Manchester.
1902.	{ BONELL, THOMAS HENRY	Loco. Carr. and Wagon Supt., Government Rlys., Lagos, W. Africa.
	{ MAHADOO .. .. .	
1901. A.M.)	BONNIWELL, PERCIVAL ORMOND .. .. .	Chief Eng., United Legal Indemnity Insurance Society, 222-225 Strand, W.C.
1904. M.)		
1907. A.M.)	BONSTOW, THOMAS LACEY ..	Messrs. S. Pearson & Son, 10 Victoria Street, Westminster, S.W.
1913. M.)		
1906. A.M.)	BOOT, HORACE LOUIS PETIT ..	Westminster Chhrs., 7 Victoria St., Westminster, S.W. [ <i>Gerrard 2438.</i> ]
1910. M.)		
1901. A.M.)	BOOT, JAMES NOEL .. .. .	Worthington Pumping Engine Co., 153 Queen Victoria St., E.C.
1910. M.)		
1890.	BOOTH, ROBERT .. .. .	110 Cannon Street, E.C. [ <i>Crocus, London. Central 1477.</i> ]
1909.	{ BORNEMANN, JOHANN AUGUST	Managing Director, Messrs. Ruston, Proctor & Co., Sheaf Iron Works, Lincoln.
	{ DIEDERICH .. .. .	
1908. A.M.)	BORNER, OTTO LEO .. .. .	The Inch, Grosvenor Rd., Muswell Hill, N.
1912. M.)		
1891.	BOSWELL, SAMUEL .. .. .	Messrs. Galloways, Knott Mill Iron Works, Manchester; and 82 Albert Grove, Longsight, Manchester.
1899.	BOTTOMLEY, JOHN WILLIAM	Messrs. T. C. Fawcett & Co., White House Engineering Works, Leeds.
1886.	{ BOULT, ALFRED JULIUS ( <i>Life Member</i> ) .. .. .	{ 111 & 112 Hatton Garden, E.C. [ <i>Boult, London. Holborn 6464.</i> ]

Date of Election  
and of Transfer.

1914.	BOUND, ARTHUR FRANK .. ..	{ Signal Supt., G. C. Rly., Guide Bridge Station, Manchester.
1878.	BOURDON, FRANÇOIS EDOUARD	{ 74 Faubourg du Temple, Paris. 15 South Street, Finsbury, E.C.
1891.	BOUSFIELD, JOHN EBENEZER	{ [Invention, London. Central 4492.]
1880.	BOW, WILLIAM .. .. .	{ Thistle Engine Works, Paisley. [Bow, Paisley.]
1908.	{ BOWDEN, GEORGE ROBERT HARLAND .. .. .	{ Hazeldene, St. Albans. [London Wall 6848.]
1903. A.M.	{ BOWDEN, JOHN .. .. .	{ Metropolitan Railway, Neasden Works, N.W.
1914. M.		
1910.	BOWDEN, JOHN HORACE .. ..	{ 101 Eltham Road, Lee, S.E.
1914.	{ BOWDEN - SMITH, EDWARD CYRIL .. .. .	{ Main Drainage Dept., Ministry of Public Works, Cairo, Egypt.
1903.	BOWER, WILLIAM NELSON ..	{ Corn Exchange Bldgs., Cathedral St., Manchester.
1892.	BOWKER, ARTHUR F. .. ..	{ Whitehill, Wrotham, Kent. [Bow- ker, Wrotham.]
1899.	BOWMAN, HAROLD .. .. .	{ Messrs. Stevenson and Co., Canal Foundry, Preston. [Stevenson, Preston.]
1903. A.M.	{ BOWN, CHARLES HENRY .. ..	{ Messrs. Merryweather & Sons, Greenwich, S.E.; and 4 Thorn- beach Rd., Catford, S.E.
1908. M.		
1890.	BOYD, JOHN WHITE .. .. .	{ Royal Insurance Bldgs., 7 Royal Bank Place, Glasgow. [Silent, Glasgow.]
1907.	BOYLE, ALEXANDER .. .. .	{ Engineer Surveyor - in - Chief, Marine Dept., Board of Trade, 54 Victoria St., S.W.
1907.	{ BRACKENBURY, HERWARD IRENIUS .. .. .	{ Sir W. G. Armstrong, Whitworth & Co., Elswick Works, New- castle-on-Tyne.
1899. G.	{ BRADLEY, CECIL GUSTAV .. ..	{ 79 Davies Street, Berkeley Square, W.
1907. A.M.		
1914. M.	{ BRADLEY, GODFREY THOMAS	{ Irrigation Department, Ceylon.
1898. A.M.		
1903. M.	{ BRADNEY, WALTER .. .. .	{ 53 Gracechurch St., E.C.
1896.		
1897.	{ BRADSHAW, GEORGE THEO- BALD MATHEW .. .. .	{ Loco. and Resident Eng., Bally- castle Rly., Ballymoney, Ire- land.
1911.	BRAIME, THOMAS FLETCHER ..	{ Woodville, 194 Chapeltown Road, Leeds.
1878.	BRAITHWAITE, CHARLES C. ..	{ Finsbury Pavement House, E.C.
1906.	BRAMLEY, TOM BRYAN .. ..	{ Genl. Manager, Challenge Cycle Co., Coventry.
1912.	BRAMWELL, BALFOUR .. ..	{ 39 Chichester St., Belfast.
1910. A.M.	{ BRAYFIELD, THOMAS HENRY GORDON .. .. .	{ 71 Duke's Avenue, Muswell Hill, N.
1912. M.		
1909. A.M.	{ BRAYSHAW, EDMUND RUSSELL	{ 2 Mulberry St., Hulme, Man- chester. [Hardening, Manchester. Central 8876.]
1913. M.		
1906. A.M.	{ BRAYSHAW, SHIPLEY NEAVE ..	{ 2 Mulberry St., Hulme, Manchester. [Hardening, Manchester. Central 8876.]
1909. M.		
1900.	BREARLEY, FREDERICK THOMAS	{ Brook Rd., Lymm, Warrington.

Date of Election  
and of Transfer.

1906.	BREARLEY, WILLIAM HENRY	{ Works Manager, Messrs. W. T. Beesley & Co., Universal Steel Works, Attercliffe Rd., Sheffield.
1910.	BRECKNELL, HENRY .. ..	{ 380 Fishponds Rd., Bristol.
1900.	BREMNER, DAVID ALEXANDER	{ Hydraulic Power & Smelting Co., 18 St. Swithin's Lane, E.C.
1898. G. } 1901. A.M. } 1913. M. }	BRESSEY, CYRIL EDWARD ..	{ Nigerian Rly., Ebute-Metta, Lagos, S. Nigeria.
1909.	BREW, JOSEPH BEAUMONT ..	{ Works Manager, Messrs. Fawcett, Preston & Co., Phoenix Foundry, 17 York St., Liverpool.
1902. A.M. } 1907. M. }	BREWER, EDWARD GODFREY	{ 13 Udney Park, Teddington.
1902. A.M. } 1908. M. }	BREWER, ROBERT WELLESLEY ANTONY .. .. .	{ 2 Hartswood Rd., Stamford Brook, Hammersmith, W.
1891.	{ BREWSTER, EDWIN HENRY GEORGE .. .. .	{ 15 Lyndhurst Rd., Camberwell, S.E. [ <i>Deptford</i> 1174.]
1905.	BRIDGES, WALTER .. .. .	{ 3 Salters' Hall Court, Cannon St., E.C. [ <i>Alkot, London. Bank</i> 5702.]
1887.	BRIER, HENRY .. .. .	{ Messrs. Seagers Ltd., Dartford; and 1 Miskin Rd., Dartford.
1901. A.M. } 1908. M. }	BRIGGS, ERNEST REYNOLDS ..	{ Messrs. Willans & Robinson, Victoria Works, Rugby.
1898. A.M. } 1902. M. }	BRIGGS, HERBERT .. .. .	{ P.O. Box 3897, Johannesburg, Transvaal.
1881.	{ BRIGGS, JOHN HENRY ( <i>Life</i> <i>Member</i> ).. .. .	{ Howden.
1894. G. } 1900. A.M. } 1912. M. }	BRITTEN, THOMAS .. .. .	{ Messrs. Crompton & Co., Arc Works, Chelmsford.
1913.	BRITTON, JOHN WILLIAM ..	{ Gas Meter Co., 7 Hanover Street, Dublin.
1903. A.M. } 1908. M. }	BRITTON, SYDNEY ERNEST ..	{ Corpn. Electricity Works, New Crane St., Chester.
1913.	BROADBENT, ERNEST EDGAR	{ Rydal Mount, Hunter's Hill, Sydney, N.S.W.
1891.	BROADBENT, WILLIAM .. ..	{ Central Iron Works, Huddersfield. [ <i>Broadbent, Huddersfield.</i> 102.]
1914.	BROADHEAD, JOHN WILSON ..	{ Managing Director, Messrs. Robert Dempster & Sons, Rose Mount Iron Works, Elland, Yorks.
1905.	BRODIE, GEORGE WALLACE ..	{ Royal Arsenal, Woolwich.
1890.	BRODIE, JOHN ALEXANDER ..	{ City Eng., Municipal Bldgs., Liverpool.
1897.	BRODRICK, WILLIAM HOLBORN	{ 37 Wellington St., Hull.
1892.	BROMILEY, WILLIAM J. .. ..	{ Beech Hurst, Chorley New Rd., Bolton.
1892. G. } 1893. A.M. } 1896. M. }	BROMLY, ALFRED HAMMOND ..	{ 18 Eldon St., E.C. [ <i>Christopher, London.</i> ]
1892.	BROOKE, JOHN WALTER .. ..	{ Adrian Iron Works, Lowestoft. [ <i>Brooke, Lowestoft.</i> ]
1906. A.M. } 1910. M. }	BROOKE, JOHN WALTER MAWDSLEY .. .. .	{ Adrian Iron Works, Lowestoft.
1892.	BROOKE, ROBERT GRUNDY ..	{ Sirius Works, West Gorton, Manchester. [ <i>Influx, Manchester.</i> ]

Date of Election  
and of Transfer.

1897.	{	BROOKS, SAMUEL HERBERT	{	Slade House, Levenshulme, Man-
		( <i>Life Member</i> ) .. .. .		chester.
1880.		BROPHY, MICHAEL MARY .. .. .		48 Approach Road, Margate.
1901. A.M.)		BROTHERHOOD, STANLEY .. .. .	{	Messrs. Peter Brotherhood, Peter-
1905. M.)				
1890. G.)		BROUSSON, ROBERT PERCY .. .. .	{	47 Parliament Street, Westminster,
1905. M.)				
1901.		BROWETT, THOMAS .. .. .		579 Finchley Rd., Hampstead, N.W.
1886. G.)		BROWN, ANDREW .. .. .	{	118 Cannon St., E.C.; and East
1889. M.)				
				ley, Kent. [ <i>Browpost, Cannon,</i>
				<i>London. City 4414.</i> ]
1891.		BROWN, ARTHUR MOGG .. .. .		The Laurels, Park View Rd.,
				Bradford.
1907. A.M.)		BROWN, EDWARD GEORGE .. .. .	{	Messrs. Brown & Ward Ltd., 27
1911. M.)				
				mingham. [ <i>Turrets, B'ham.</i>
				<i>Central 3831.</i> ]
1906.		BROWN, Major FRANK, A.O.D.		Tynemouth Castle, Tynemouth,
				North Shields.
1889. G.)		BROWN, Captain FREDERICK	{	70 Bushwood Road, Kew, Surrey.
1889. M.)				
1914.		{		
		BROWN, Eng. Lieut. HAROLD		The Admiralty, Whitehall, S.W.
		ARTHUR, R.N. .. .. .		
1902.		BROWN, HENRY .. .. .		Red House, 29 Parkside, Wimble-
				don, S.W.
1892.		BROWN, J. FIDDES .. .. .		Casa Quinta, 59 Lexham Gardens,
				Kensington, W. [ <i>Orbit, London.</i>
				<i>Western 6140.</i> ]
1914.		BROWN, REGINALD .. .. .		21 Old Queen Street, Westminster,
				S.W.
1909.		BROWN, ROBERT HENRY .. .. .		Messrs. Barrow, Brown & Co.,
				Bangkok, Siam.
1888.		BROWN, WILLIAM .. .. .		Messrs. W. Simons & Co., London
				Works, Renfrew; and Kilrene,
				7 Whittinghame Gdns., Great
				Western Rd., Glasgow.
1892.		BROWN, WILLIAM .. .. .		150 Shooters Hill Rd., Blackheath,
				S.E.
1902.		{		Chairman, Messrs. R. & W. Haw-
		BROWNE, Sir BENJAMIN CHAP-		thorn, Leslie & Co., Forth Banks
		MAN, D.C.L. .. .. .		Works, Newcastle-on-Tyne.
				[ <i>Locomotive, Newcastle-on-Tyne.</i> ]
				[Former Member 1869-1884.]
1902. A.M.)		BROWNE, BENJAMIN CHAPMAN,	{	Messrs. R. & W. Hawthorn,
1903. M.)				
				Leslie & Co., St. Peter's Works,
				Newcastle-on-Tyne.
1905.		BROWNE, ROBERT JAMIESON .. .. .		c/o Messrs. Grindlay & Co., 11
				Hastings St., Calcutta.
1909.		BROWNE, SYDNEY OGILVIE .. .. .		Loco. Supt., Great Southern of
				Spain Rly., Aguilas, Spain.
1907. A.M.)		BROWNE, TOM BOUSQUET ( <i>Life</i>	{	125 and 126 Temple Chambers,
1909. M.)				
1874. G.)		BROWNE, TOMYNS REGINALD .. .. .	{	Temple Avenue, E.C.
1879. M.)				
1902. A.M.)		BROWNE, WILLIAM RUDDLE .. .. .	{	W.
1908. M.)				
				Swindon.

Date of Election  
and of Transfer.

1903. A.M. } 1909. M. }	BROWNJOHN, WILLIAM HENRY	130 Audley Road, Hendon, N.W.
1889.	BRUCE, ROBERT .. .. .	{ St. Ninians, Oakleigh Rd., Hatch End, S.O., Middlesex.
1893. G. } 1895. A.M. } 1903. M. }	BRUCE, ROBERT ARTHUR, M.Sc.	{ 56 Gibbon Road, Kingston-on- Thames.
1909.	BRUNDRIT, JOSEPH .. .. .	{ 6 Oriel Chbrs., Water St., Liver- pool.
1887.	BRUNTON, PHILIP GEORGE ..	{ Assist. Eng., Public Works Dept., Sydney, N.S.W.
1904. A.M. } 1908. M. }	BRYAN, BERNARD WILLIAM ..	{ Chief Eng., South Essex Water Works, Romford.
1909.	BRYCE, WILLIAM EDWARD ..	6 Parkdale, Wolverhampton.
1902.	BRYSON, JAMES .. .. .	{ General Manager, Pumpherston Oil Works, Mid-Calder.
1899.	BUCHANAN, JAMES .. .. .	{ Caledonia Foundry and Engine Works, Brasenose Road, Liver- pool. [ <i>Buchanan, Liverpool.</i> <i>Boote 182.</i> ]
1901. A.M. } 1912. M. }	BUCHANAN, WILLIAM ERNEST	{ Water and Drainage Works Eng., Simla, Punjab.
1904. A.M. } 1910. M. }	BUCK, EDWARD CLARKE .. ..	{ Director of Public Works, Georgetown, Demerara, British Guiana.
1912.	BUCK, GEORGE FREDERICK ..	Field House, Marple, Stockport.
1901.	BUCKHAM, GEORGE THOMAS ..	{ Messrs. Vickers Ltd., Vickers House, Broadway, Westminster, S.W.
1892.	BUCKLEY, JOHN T. .. .. .	{ 36 Cleveland Rd., Lytham, R.S.O., Lanes.
1912.	BUCKLEY, SAMUEL .. .. .	Admiral Steel Works, Hillsborough, Sheffield.
1902. A.M. } 1910. M. }	BUCKTON, WILLIAM WOODYER	{ Wollaston Lodge, Halfway House, Shrewsbury.
1896.	BUCKWELL, GEORGE WILLIAM	{ Board of Trade Surveyors' Office, 73 Robertson St., Glasgow.
1878. G. } 1885. M. }	BUDDICOM, HARRY WILLIAM	Penbedw, Nannerch, Mold.
1886. G. } 1894. M. }	BUDENBERG, CHRISTIAN FRED- ERICK .. .. .	{ Messrs. Schäffer and Budenberg, Whitworth St., London Rd., Manchester; and Somerville, Ark- wright Rd., Marple, Stockport. [ <i>Manometer, Manchester.</i> 899.]
1882.	BUDGE, ENRIQUE .. .. .	{ 104 Avenue Kléber, Paris. [ <i>Ebudge,</i> <i>Paris.</i> ]
1898. A.M. } 1906. M. }	BULFIN, IGNATIUS .. .. .	{ Boro' Electrical Eng., Generating Station, Southcote Rd., Bourne- mouth.
1907.	BULLOCK, WILLIAM EDWARD	{ Works Manager, Messrs. Singer & Co., Coventry.
1892. G. } 1897. A.M. } 1901. M. }	BULWER, ERNEST HENRY EARLE .. .. .	{ 61 Cadder Street, Pollokshields, Glasgow.
1891.	BUMSTED, FRANCIS DIXON ..	{ Cannock Chase Foundry and En- gine Works, Hednesford, Stafford.
1884.	BUNT, THOMAS ( <i>Life Member</i> )	{ Leehurst, Melville Rd., Falmouth. [ <i>Buntera, Falmouth.</i> 147.]



Date of Election  
and of Transfer.

1899.	BURCHAM, RICHARD EDWARD	{ M. S. U. Assoon., 9 Mount St., Manchester; and Richmond Ter., Vine St., Openshaw, Manchester.
1885.	BURDER, WALTER CHAPMAN ..	{ Messrs. Messenger & Co., Loughborough.
1902. A.M. }	BURFORD, HENRY GEORGE ..	{ A.C.A. Ltd., 1 Albemarle Street, Piccadilly, W.
1906. M. }		
1906. A.M. }		
1911. M. }	BURGESS, GERARD HERBERT ..	{ 14 Victoria Buildings, 5A Temple Row, Birmingham.
1906.	{ BURN, ARTHUR JAMES HORSFIELD .. .. . }	{ Managing Director, Waddle Patent Fan and Engineering Co., Ltd., Llanmore Iron Works, Llanelly.
1908.	BURNET, CHARLES DOUGLAS	{ Tudor Accumulator Co., Rail Welding Dept., 3 Central Bldgs., Westminster, S.W.
1904. A.M. }	BURNETT, WILLIAM RATTERY .	{ Messrs. C. A. Hutson & Co., Ceylon Engineering Works, Colombo, Ceylon.
1911. M. }		
1910. A.M. }	BURNS, JAMES ALEXANDER ..	{ Worthington Pump Co., Lion Buildings, 170 Hope Street, Glasgow.
1913. M. }		
1878.	BURRELL, CHARLES .. ..	{ St. Nicholas Works, Thetford. [Burrell, Thetford.]
1904. A.M. }	BURROWS, GEORGE HENRY ..	{ G.W. Rly. Works, Swindon.
1911. M. }		
1896.	{ BURSTALL, PROFESSOR FREDERIC WILLIAM .. .. }	{ The University, Edgbaston, Birmingham.
1890.	{ BURSTALL, HENRY ROBERT JOHN .. .. . }	{ 14 Old Queen St., Westminster, S.W. [Instructed, London. Westminster 771.]
1898.	BURT, GEORGE ( <i>Life Member</i> )	{ Messrs. John Mowlem and Co., 19 Grosvenor Rd., S.W.
1912.	BURTON, THOMAS BOWMAN ..	{ Managing Director, Messrs. H. W. Kearns & Co., Broadheath, Manchester.
1906. A.M. }	BURY, RONALD EDWARD ..	{ Rly. Engineering Dept., Planters' Stores, 11 Clive St., Calcutta.
1912. M. }		
1884.	BUTCHER, JOSEPH JOHN ..	{ 59 Pearl St., South Framingham, Mass., U.S.
1896. A.M. }	BUTCHER, MALCOLM HENRY ..	{ Leiston Villa, Western Road, East Finchley, N.
1902. M. }		
1882.	BUTLER, EDMUND .. .. .	{ Kirkstall Forge, near Leeds. [Forge, Kirkstall.]
1902.	BUTLER, EDWARD .. .. .	{ 129 Gleneldon Rd., Streatham, S.W.
1884. G. }	BUTLER, HUGH MYDDLETON	{ Kirkstall Forge, near Leeds. [Forge, Kirkstall.]
1892. M. }		
1891.	BUTLER, JAMES .. .. .	{ Victoria Iron Works, Halifax; and Longfield, Halifax.
1902.	BUTLER, JOSIAH .. .. .	{ Groves End Steel and Tin Plate Co., Gorseinon, Glam.
1910.	BUTERS, HOWARD .. .. .	{ Lessenden, Budleigh Salterton, Devonshire.
1894.	BUTTERWORTH, JOSEPH .. ..	{ Messrs. Lancaster and Tonge, Pendleton, Manchester; and Sunny Lawn, Manchester Rd., Swinton, Manchester.
1907.	BUTTLE, DAVID CARLETON ..	{ Nitrate Railways Co., Iquique, Chile.

Date of Election  
and of Transfer.

1886. 1891.	G. M.)	CAIRNES, FREDERICK EVELYN	{ Killester House, Raheny, S.O., Co. Dublin.
1915.		CALDER, WILLIAM .. .. .	{ Manager, Village Main Reef Gold Mining Co., Johannesburg, Transvaal.
1900.		CALTHROP, EVERARD RICHARD	{ Eldon Street House, Eldon St., E.C. [ <i>Railierais, London.</i> ]
1912.		CALVEET, ROBERT .. .. .	{ Hydraulic Engineering Co., 9 Bridge St., Westminster, S.W.
1886.		CAMBRIDGE, HENRY .. .. .	{ Stuart Chambers, Mount Stuart Sq., Cardiff.
1911.		CAMERON, ARCHIBALD PRESTON	{ 10 Clive Street, Calcutta, India.
1913.		CAMERON, HUGH PORTEOUS ..	{ Genl. Manager, Yomah Oil Co., 71 Payre St., Rangoon, Burma.
1898.		CAMERON, JOHN .. .. .	{ Loco. Supt., Taff Vale Railway, Cardiff.
1903.		CAMPBELL, ALEXANDER.. .. .	{ Works Mgr., Hunslet Engine Works, Leeds. [ <i>Engine, Leeds.</i> 528.]
1877.		CAMPBELL, ANGUS .. .. .	{ Logie, Mussoorie, United Provinces, India.
1898.		CAMPBELL, HUGH .. .. .	{ Campbell Gas Engine Co., Kingston, Halifax. [ <i>Cangas, Halifax.</i> 92.]
1882.		CAMPBELL, JOHN .. .. .	{ Messrs. R. W. Deacon & Co., Kalimaas Wks., Soerabaya, Java.
1899.		CAMPBELL, ROBERT MALCOLM	{ 19 Klea Avenue, Clapham Common, S.W.
1892.		CAMPBELL, WILLIAM WALKER	{ 82 Gordon St., Glasgow. [ <i>Suikerwerk, Glasgow.</i> ]
1903.	{	CAMPS, HAROLD EDWARD JOS- CELYN .. .. .	{ 21 Great St. Helens, E.C. [ <i>Adiabatic, London. Avenue 4487.</i> ]
1910.		CANTRILL, WILLIAM LEWIS ..	{ Haslam Foundry and Engineering Co., Union Foundry, Derby.
1885.	{	CAPITO, CHARLES ALFRED ADOLPH .. .. .	{ 29 Beauchamp Place, Pont Street, S.W.
1913.		CAPON, CLEMENT BERNARD	{ Rosslynn, Rawmarsh Hill, Parkgate, Rotherham.
1892.	{	CAPPER, Professor DAVID SING .. .. .	{ King's College, Strand, W.C.; and 17 Victoria St., Westminster, S.W. [ <i>Westminster</i> 5255.]
1898.		CAPRON, ATHOL JOHN .. ..	{ Westlowe, Hathersage, Sheffield.
1878.		CARDEW, CORNELIUS EDWARD	{ Wadebridge, Cornwall.
1875.	{	CARDOZO, FRANCISCO CORRÊA DE MESQUITA ( <i>Life Member</i> )	{ Messrs. Cardozo and Irmão, Pernambuco Engine Works, Pernambuco, Brazil.
1914.		CARMICHAEL, ARCHIBALD ..	{ Messrs. W. H. Allen, Son & Co., Queen's Engineering Works, Bedford.
1892.		CARNEGIE, DAVID, F.R.S.E. ..	{ 7 Victoria St., Westminster, S.W. [ <i>Carnefer, London. Victoria</i> 6882.]
1901. A.M.) 1905. M.)		CARNEGIE, FRANCIS .. .. .	{ Royal Small Arms Factory, Enfield Lock, Middlesex.
1901. A.M.) 1905. M.)		CARNEGIE, WILLIAM .. .. .	{ 213 Abbeyfield Rd., Pitsmoor, Sheffield.
1899.		CARNT, EDWIN CHARLES ..	{ Managing Director, Messrs. J. Samuel White & Co., Cowes. [ <i>White, East Cowes.</i> 3 A.]
1896. A.M.) 1904. M.)		CAROLIN, EDWARD MARLAY ..	{ 81 Upper Bedford Place, Russell Sq., W.C.

Date of Election  
and of Transfer.

1902.	{	CARPENTER, CHARLES CLAUDE,	{	Chairman, S. Metropolitan Gas Co., 709 Old Kent Rd., S.E. [Metrogas, London.]
		D.Sc. . . . . .		
1914.		CARPMAEL, RAYMOND . . . . .		Engineer's Office, G. W. Railway, School Gardens, Shrewsbury.
1905.		CARR, ANDREW CUSTANCE . . . . .		Chief Mech. Eng., Bengal Nagpur Railway, Khargpur, Bengal.
1895.		CARR, ROBERT ALFRED . . . . .		Broad Street House, New Broad St., E.C.
1903.		CARR, WILSON STORY . . . . .		Westminster Chbrs., 1 Victoria St., Westminster, S.W.
1906. A.M.}		CARRINGTON, GEORGE . . . . .		Genl. Manager, Messrs. J. & C. Holcroft Ltd., Tipton. [Holcroft, Tipton. 25.]
1911. M.}				
1903.		CARRUTHERS, ROBERT . . . . .		Chief Supt. Eng., Bombay and Persia Steam Nav. Co., Bombay.
1912.		CARTER, GEORGE JOHN . . . . .		Managing Director, Messrs. Cammell, Laird & Co., Birkenhead.
1908. A.M.}		CARTER, HAROLD THOMAS . . . . .		Supt., Water Works, Aish Bagh, Lucknow, India.
1914. M.}				
1885.		CARTER, HERBERT FULLER . . . . .		Messrs. Grothe & Carter, Tiburcio 22, Mexico D.F., Mexico. [Grocart, Mexico.]
1907.		CARTWRIGHT, CECIL LEONARD		Professor, Engineering College, Madras, India.
1901.		CARTWRIGHT, WILLIAM . . . . .		Works Manager, Messrs. William Heap & Co., Oldham Road Tool Works, Ashton-under-Lyne.
1900. A.M.}		CASH, ERNEST WILLIAM . . . . .		Middlesex Works, School Rd., Hampton Wick.
1907. M.}				
1912.		CASPERSEN, HANS EINAR . . . . .		Messrs. Burmeister and Wain, Copenhagen, Denmark.
1904. A.M.}		CASSON, WILLIAM . . . . .		District, Ldn. Electric and Central London Rlys., Ealing Common Works, W.
1912. M.}				
1888.		CASTLE, FRANK . . . . .		Sunnyside, Edwin Road, Hastings.
1912.		CATTO, JOHN . . . . .		4 Mosley St., Newcastle-on-Tyne.
1892.		CAUSER, WILLIAM GEORGE . . . . .		Brighton Villa, Handsworth, R.O., Birmingham.
1883.		CAWLEY, GEORGE . . . . .		82 Victoria St., Westminster, S.W. [Conferring, London. Victoria 26.]
1894.		CHAFFEY, GEORGE . . . . .		1207 Union Trust Building, Los Angeles, Cal., U.S.
1876.		CHALLEN, STEPHEN WILLIAM		Derwent Foundry, 60 and 62 Constitution Hill, Birmingham. [Derwent, Birmingham.]
1889. G.}		CHALLEN, WALTER BERNARD		Derwent Foundry, 60 and 62 Constitution Hill, Birmingham.
1897. M.}				St. John del Rey Mining Co., Finsbury House, Blomfield St., E.C.
1892.		CHALMERS, GEORGE . . . . .		
1902. A.M.}		CHALMERS, JAMES . . . . .		Eng., Companhia do Beberibe, Pernambuco, Brazil.
1907. M.}		CHALMERS, JOHN REID . . . . .		18 Hemingford Rd., Barnsbury, N.
1786.				138 Embleton Rd., Lewisham, S.E. [Former Member 1884-1894.]
1901.		CHAMBERLAIN, JOHN . . . . .		

Date of Election  
and of Transfer.

1897.		CHAMBERS, EDWARD JOHN ..	Winterbourne, Dudley.
1896.		CHAMBERS, ROBERT MARTIN..	{Chambers Motors Ltd., University St. Works, Belfast.
1900.		{CHAMBERS, THOMAS HALL WINSLEY .. .. .}	Messrs. Gjers, Mills & Co., Ayre- some Iron Works, Middles- brough.
1906.		CHAMEN, WILLIAM ASHCOMBE	Genl. Manager, S. Wales Electrical Power Distribution Co., Royal Chbrs., Queen St., Cardiff.
1890.		CHANDLER, NOEL .. .. .	Stafford Rd., Cannock, Staffs.
1898.		CHAPMAN, LEONARD .. .. .	{The Lodge, Kingston Rd., Ted- dington.
1893.		CHARLESWORTH, SHEARD ..	6 Clegg St., Oldham. [ <i>Charles- worth, Engineers, Oldham.</i> 63.]
1885.		{CHARNOCK, PROFESSOR GEORGE FREDERICK .. .. .}	Technical College, Bradford.
1890.		CHATER, JOHN RICHARD ..	{Messrs. Cheshire, Pooley and Co., 25 Bath Street, Liverpool.
1885.	G.	} CHATFEILD CLARKE, LESLIE	{Brooklyn, Wootton Bridge, Isle of Wight.
1889.	M.		
1891.		CHATTERTON, ALFRED, C.I.E.	{Director of Industries and Com- merce in Mysore; Ringwood, High Ground, Bangalore, India.
1887.		CHATWIN, JAMES .. .. .	Victoria Works, Great Tindal St., Ladywood, Birmingham.
1873.		CHEESMAN, WILLIAM TALBOT	Hartlepool Rope Works, Hartle- pool.
1906.	A.M.	} CHEW, LEUIG .. .. .	{Messrs. H. J. West & Co. (1908), 74 Gray's Inn Road, W.C.
1910.	M.		
1906.		CHILD, GEORGE THOMAS ..	Messrs. Thomas Bolton & Sons, Oakamoor, Stoke-on-Trent.
1903.		CHILD, HARRY SHAW .. .. .	c/o J. O. Child, Milchett Place, Mountnessing, Brentwood.
1897.		CHILDE, HENRY SLADE .. .. .	Messrs. Childe and Rowand, Wake- field. [ <i>Childe, Wakefield.</i> 83.]
1908.	A.M.	} CHISHOLM, JOHN .. .. .	{Eng. and Manager, Airdrie, Coat- bridge and District Water Trust, Water Trust Bldgs., Airdrie.
1915.	M.		
1906.		CHIVERS, SAMBURN .. .. .	{Manager, Western Wagon and Property Co., East Moors, Car- diff.
1903.		{CHORLTON, ALAN ERNEST LEOFRIC .. .. .}	Messrs. Ruston, Procter & Co., Sheaf Iron Works, Lincoln.
1903.	A.M.	} CHRISTIANSEN, ALBERT GEORGE	{Manager, Messrs. Garlick & Co., Jacob's Circle, Bombay.
1912.	M.		
1899.		CHRISTIE, ANDREW .. .. .	93 Pitt Street, Sydney, N.S.W.
1912.		CHRISTIE, JOHN MURRAY ..	{Manager, Linde British Refrigera- tion Co., 138 Balliaghatta Rd., Calcutta, India.
1894.		{CHURCHWARD, GEORGE JACK- SON .. .. .}	Loco. Supt., G.W. Rly., Swindon.
1905.	A.M.	} CLAPHAM, FREDERICK THOMAS	{Chief Eng., Messrs. Willey & Co., Exeter.
1911.	M.		
1896.		{CLAREMONT, ERNEST ALEX- ANDER .. .. .}	Broom Cottage, High Legh, Knuts- ford.
1903.		CLARK, EDWIN KITSON .. .. .	Airedale Foundry, Leeds.
1896.		CLARK, GEORGE .. .. .	{Messrs. Richardsons Westgarth and Co., Hartlepool.

Date of Election  
and of Transfer.

1899. A.M.)	CLARK, GEORGE .. .. .	Bryan Donkin Co., Chesterfield; and The Cedars, Newbold Road, Chesterfield. [386.]
1900. M.)		
1904.	CLARK, HENRY .. .. .	Southwick Engine Works, nr. Sun- derland. [ <i>Clark, Sunderland.</i> ]
1912.	{ CLARK, Major ROBERT LEAVER, D.S.O. .. .. .	Army Ordnance Department, Malta.
1889.	CLARK, THOMAS ALEXANDER..	Supt. of Workshops, George Heriot's School, Edinburgh.
1896.	CLARK, THOMAS FORSTER ..	Chief Eng., Hammersmith Dis- tillery Co., Hammersmith, W.
1906.	CLARK, WILLIAM FREDERICK	Managing Director, Messrs. James Archdale & Co., Birmingham.
1910. A.M.)	CLARKE, ASHFORD VINCENT ..	Messrs. Petters, Nautilus Works, Yeovil.
1913. M.)		
1908. A.M.)	CLARKE, GEORGE EDGAR ..	Harbour and Dock Engineer, Municipal Bldgs., Boston.
1914. M.)		
1901.	CLARKE, GEORGE GRANVILLE	Tata Hydro-Electric Power Supply Co., Navasair Bldgs., Bombay.
1913.	CLARKE, JAMES CARVER ..	10 Church Street, West Hartle- pool.
1911.	CLARKE, JOSEPH .. .. .	Pacific Phosphate Co., 465 Collins St., Melbourne, Victoria.
1895. G.)	CLARKE, LEIGH THEOPHILUS	Dist. Electrical Eng., G.C. Rly., Leicester.
1900. A.M.)		
1908. M.)		
1894.	CLARKSON, CHARLES .. .. .	Gorgie Mains House, Slateford Rd., Edinburgh.
1898.	CLARKSON, JAMES .. .. .	Messrs. J. & P. Coats, 89 Welling- ton St., Glasgow.
1891.	CLARKSON, THOMAS .. .. .	Moulsham Works, Chelmsford; and Woodlands, Galleywood, Chelms- ford.
1892.	CLAY, CHARLES BUTLER.. ..	Hurst, Sundridge Avenue, Bromley, Kent.
1901.	CLAYTON, JAMES .. .. .	12 Middleborough Rd., Coventry.
1905.	CLAYTON, JAMES ADOLPHUS ..	Ajmer, Rajputana, India.
1898. A.M.)	CLEAVE, ARTHUR HAROLD	Royal Mint, Ottawa, Canada.
1905. M.)		
1890.	CLELAND, WILLIAM .. .. .	Sheffield Testing Works, Blonk St., Sheffield.
1903. A.M.)	CLEMENCE, WALTER .. .. .	14 Beckenham Grove, Shortlands, Bromley, Kent.
1906. M.)		
1910. A.M.)	CLEMENTS, FRED .. .. .	The Quintas, Spital, Chesterfield.
1913. M.)		
1903.	{ CLERK, DUGALD, D.Sc., F.R.S. ( <i>Member of Council</i> )	57 and 58 Lincoln's Inn Fields, W.C.
1897.	CLIFFORD, CHARLES .. .. .	98A Marlboro' Rd., Donnybrook, Dublin.
1885. G.)	CLIFTON, GEORGE BELLAMY ..	G.W.R., 66 Porchester Rd., Pad- dington, W.
1888. M.)		
1901.	CLOAKE, WILLIAM HENRY ..	Managing Director, Messrs. Thomas Green & Son, New Surrey Works, Southwark St., S.E. [ <i>Surrey Works, London. Hop 2022.</i> ]
1893. G.)	CLOSE, HENRY ALWYN .. .. .	12 Barstow Square, Wakefield.
1901. A.M.)		
1910. M.)		

Date of Election  
and of Transfer.

1902.	CLOUD, JOHN WILLS .. ..	{ Westinghouse Brake Co., 82 York Rd., King's Cross, N.
1885.	CLUTTERBUCK, HERBERT .. ..	{ Engineers' Dept., L.C.C., Spring Gardens, S.W.
1904.	COATES, ALFRED .. ..	{ Manager, Whessoe Iron Foundry, Darlington.
1911. A.M. } 1914. M. }	COATES, FREDERICK .. ..	{ Messrs. John Coates and Co., 115 Victoria St., Westminster, S.W.
1902.	COATES, VICTOR HENRY .. ..	{ 121 Victoria Street, Westminster, S.W. [ <i>Victomime, Sowest, London. Victoria 3448.</i> ]
1885.	COCHRANE, JOHN .. ..	{ Grahamston Foundry and Engine Works, Barrhead, Glasgow. [ <i>Cochrane, Barrhead.</i> ]
1910.	{ COCHRANE, Major JOHN ERNEST CHARLES JAMES, D.S.O. .. ..	{ 39 Egerton Terrace, S.W.
1904.	{ COCHRANE, Major THOMAS HENRY, M.V.O., R.E. .. ..	{ R. E. Headquarters, Tientsin, North China.
1902. A.M. } 1908. M. }	CODD, THOMAS JAMES .. ..	{ Metrop. Asylums Board, Sheffield House, Sheffield St., W.C.
1864.	{ CODDINGTON, Sir WILLIAM, Bart. .. ..	{ Ordnance Cotton Mill, Blackburn; and Wycollar, Blackburn.
1893.	{ COKER, Professor ERNEST GEORGE, D.Sc., F.R.S.E. .. ..	{ Finsbury Technical College, Leonard St., City Rd., E.C.
1889.	COLAM, WILLIAM NEWBY .. ..	{ 27 Rutland Square, Edinburgh. [ <i>Colam, Edinburgh. 1285.</i> ]
1912.	COLBORNE, THOMAS .. ..	{ 15 Fore St., Trowbridge.
1912.	COLCLOUGH, ERNEST .. ..	{ Loco. Dept., Cambrian Railways, Oswestry.
1905. A.M. } 1910. M. }	COLE, CHARLES STUART .. ..	{ 33 Aberdeen Rd., Neasden, N.W.
1892.	COLE, HENRY AYLWIN BEVAN	{ 50 Lime Street, E.C. [ <i>Carbuncle, London. Avenue 1750.</i> ]
1912.	COLEY, ARTHUR BODEN .. ..	{ Union Bank Chbrs., Southampton.
1894. A.M. } 1897. M. }	COLLIS, ALFRED EDWARD .. ..	{ Municipal Technical School, Lincoln.
1884.	COLTMAN, JOHN CHARLES .. ..	{ Engineering Works, Meadow Lane, Loughborough.
1902.	CONNER, JAMES .. ..	{ Genl. Manager, English Electric Mfg. Co., Preston.
1888.	{ CONSTANTINE, EZEKIEL GRAY- SON ( <i>Life Member</i> ) .. ..	{ Condsen, Newquay.
1906.	{ CONWAY, GEORGE ROBERT GRAHAM .. ..	{ British Columbia Electric Rly. Co., Vancouver, B.C.
1886. G. } 1891. M. }	CONYERS, SIDNEY WARD .. ..	{ Public Works Dept., Sydney, N.S.W.
1874.	CONYERS, WILLIAM .. ..	{ The Springs, Evelyn, Victoria.
1904.	COOK, ALFRED BICKERSTETH	{ Messrs. Jno. Birch & Co., 2 London Wall Buildings, E.C.
1889. G. } 1911. M. }	COOK, GEORGE NORCLIFFE .. ..	{ Messrs. William Beardmore & Co., Parkhead Works, Glasgow.
1906.	COOK, JOHN .. ..	{ Mgr., Thika Sisal Co., Chania Bridge, British East Africa.
1888.	COOK, JOHN JOSEPH .. ..	{ Lingfield, Oban Rd., Bournemouth.

Date of Election  
and of Transfer.

1904. A.M.	}	COOK, JOHN NICOL .. .. .	Messrs. Barry, Henry & Co., 155 Fenchurch St., E.C. [ <i>Barrorum, London. Bank 342.</i> ]
1906. M.			
1902.		COOK, REUBEN JAMES .. .. .	Messrs. John I. Thornycroft & Co., Woolston, Southampton.
1912.		COOK, THOMAS .. .. .	Messrs. Spencer and Cook, Empire Works, Stalybridge.
1905.		COOK, WILLIAM HALL .. .. .	Staveleigh, 188 Wellington Road, Heaton Chapel, Stockport.
1912.		COOKE, CHARLES JOHN BOWEN	Chief Mech. Eng., London and North Western Rly., Crews.
1877.		COOPER, ARTHUR, LL.D. ..	Erdely, Middlesbrough.
1903. A.M.	}	COOPER, ARTHUR THOMAS ..	Norfolk House, Norfolk Street, Strand, W.C.
1905. M.			
1908.		COOPER, EDMUND LUCAS ..	Chief Mech. Eng., Messrs. J. & P. Coats, Ferguslie Mills, Paisley.
1898.		COOPER, HENRY .. .. .	Hecla Works, Sheffield.
1913.		COOPER, JASPER EDWIN ..	Lanchester Motor Co., Montgomery St., Birmingham.
1905.		COOPER, ROBERT .. .. .	61 Gracechurch St., E.C. [ <i>Daniador, London. Avenue 3187.</i> ]
1911.		COOPER, STANLEY .. .. .	Birmingham Small Arms Co., Small Heath, Birmingham.
1896. A.M.	}	COOPER, THOMAS .. .. .	Metrop. Asylums Board, Engineer's Dept., Sheffield House, Sheffield St., W.C.
1905. M.			
1892. A.	}	COOPER, THOMAS LANCELOT	10 Gordon Road, Ealing, W.
1901. M.			
1874.		COOPER, WILLIAM .. .. .	Neptune Engine Works, Hull. [ <i>Neptune, Hull.</i> ]
1885.		COPPÉE, BARON EVENCE ..	103 Boulevard de Waterloo, Bruxelles, Belgium.
1899.		{ COPPERTHWAIT, RALPH AT- KINSON .. .. .	Heaton Carriage & Wagon Works, N.E. Rly., Walker Gate, Newcastle-on-Tyne.
1911. A.M.	}	CORBAC, GEORGE HENRY VAN	Messrs. Corbac, Swift and Swallow, 3 Hsin Kai Lu, Peking, China.
1914. M.			
1901.		CORBETT, ALEXANDER JOHN ..	R.N. Establishment, Invergordon, Ross-shire.
1892.		CORIN, PHILIP BURNE .. .. .	Anchor Foundry, Penzance.
1902.		{ CORMACK, Prof. JOHN DEWAR, D.Sc. .. .. .	The University, Glasgow.
1895.		{ CORNISH, Eng. Captain EDWIN, R.N. .. .. .	17 New Rd., Chatham.
1912.		CORRIN, HAROLD RODOLPH ..	Messrs. Cravens, Darnall, Sheffield.
1881.		COSSER, THOMAS .. .. .	McLeod Road Iron Works, Karachi, India.
1900.		{ COTTON, CHARLES CATHROW CARNE .. .. .	Belle Vue, Mount Pleasant Drive, Old Kilpatrick, Glasgow.
1896.		COTTRELL, STEPHEN BUTLER ..	Homestead, Old Colwyn, Colwyn Bay.
1894.		COTTRILL, JOHN ORMEROD ..	Bee Hive Works, Bolton.
1913.		{ COUBROUGH, ANTHONY CATH- CART .. .. .	Messrs. Mather and Platt, P.O. Box 389, Calcutta, India.
1912.		{ COUPER, JOHN DUNCAN CAMP- BELL .. .. .	Res. Eng., New Dock Works, Newport, Mon.

Date of Election  
and of Transfer.

1895.	COUPER, SINCLAIR .. ..	Messrs. Lindsay Burnet & Co., Moore Park Boiler Works, Govan, Glasgow. [ <i>Burnet, Glasgow. South Side</i> 1513.]
1914.	COURTNEY, BASIL TOSSWILL	17 Victoria Street, Westminster, S.W.
1878.	COURTNEY, FRANK STUART ..	25 Victoria St., Westminster, S.W.; and 88 Croxted Rd., Dulwich, S.E. [ <i>Escourre, Westminster. Victoria</i> 2210.]
1911. A.M.)	COWAN, JOHN .. ..	22 Writers' Bldgs., Calcutta, India.
1914. M.)		
1902. A.M.)		
1904. M.)	COWAN, PERCY JOHN .. ..	23 Bedford St., Strand, W.C.
1896.	COWDELL, HENRY CHARLES ..	Cradley Boiler Works, Cradley Heath, S.O., Staffs. [ <i>Boiler, Cradley Heath.</i> ]
1893. A.M.)	COWELL, JOHN RAY .. ..	P.O. Box 2141, Johannesburg, Transvaal.
1897. M.)		
1875.	COWEN, EDWARD SAMUEL ..	Beck Works, Brook St., Notting- ham; and 1 Peveril Drive, The Park, Nottingham. [ <i>Cowen, Nottingham.</i> 87.]
1902. A.M.)	COWEN, GEORGE HEPPLÉ ..	Managing Director, Messrs. George Turton, Platts & Co., Savile St., Sheffield.
1909. M.)		
1898.	COWENS, WILLIAM EDWARD ..	Sunnyside, Cullercoats, Northum- berland.
1892.	{ COWPER - COLES, SHERARD	1 and 2 Old Pye St., Westminster, S.W. [ <i>Pyecoles, Vic., London.</i> ]
	{ OSBORN .. ..	
1906.	COX, FREDERICK JOHN .. ..	212 Brecknock Rd., Tufnell Park, N.
1888. G.)	COX, HERBERT HENRY .. ..	Meadowside, Falmouth.
1896. M.)		
1904. A.M.)	COZENS - HARDY, The Hon.	St. Helens, Lancs.
1906. M.)		
1897. A.M.)	CRAIG, ALEXANDER .. ..	Maudslay Motor Co., Parkside, Coventry.
1905. M.)		
1902. A.M.)	CRAMB, ALEXANDER CHARLES	Croydon Corpn. Electricity Works, Factory Lane, Croydon.
1907. M.)		
1899.	CRAVEN, JOHN ALFRED .. ..	Birk House, Wollstonecraft Rd., Boscombe, Bournemouth.
1894.	CRAVEN, WILLIAM H. S. ..	Messrs. Craven Brothers, Vauxhall Works, Reddish, Stockport.
1902. A.M.)	CRAWFORD, GERALD WALKER	41 George St., Edinburgh. [ <i>Central</i> 1222.]
1906. M.)		
1901.	CRAWFORD, JOSEPH .. ..	2 Exchange St., Manchester. [ <i>Clinker, Manchester. City</i> 46.]
1911.	CRAWSHAW, WILLIAM EDWIN	Works Manager, Oudh and Rohil- kund Rly., Lucknow, India.
1912.	CREAK, ROBERT BROWN .. ..	147 Queen Victoria Street, E.C.
1893.	CREWE, HENRY THOMAS ..	17 Sunning Hill Rd., Lewisham, S.E.
1889.	CRIBB, FREDERICK JAMES ..	Messrs. Marshall Sons & Co., Britannia Iron Works, Gains- boro'.
1912.	CRIGHTON, CHARLES .. ..	Deputy Loco. and Carr. Supt., South Indian Rly., Negapatam, Madras Presidency.



Date of Election  
and of Transfer.

1912.	CRIPWELL, FRED .. .. .	{ 18 Bigg Market, Newcastle-on-Tyne. [ <i>Cripwell, Newcastle-on-Tyne. Central 1729.</i> ]
1897.	CRITCHLEY, JAMES SIDNEY ..	{ Carlton House, Lower Regent Street, S.W.
1903. A.M. } 1914. M. }	CROCKER, CLAUDE EDWARD ..	{ Manager, Kalgoorlie Electric Light and Power Corp., Kalgoorlie, W. Australia.
1906. A.M. } 1913. M. }	CROCKER, ERNEST GEORGE ..	Vineyard Lodge, Ely.
1904.	CROCKER, JOHN .. .. .	{ 19 Lockyer Road, Mannamead, Plymouth.
1903.	CROFT, FREDERICK LISTER ..	{ Messrs. Croft & Perkins, Ltd., Leeds Rd., Bradford. [ <i>Pulleys, Bradford. 3099 and 3100.</i> ]
1878.	CROHN, FREDERICK WILLIAM	{ Roseneath, West Cliff Rd., Bourne-mouth.
1877.	{ CROMPTON, Colonel ROOKES EVELYN BELL, C.B. .. .. }	{ Arc Works, Chelmsford; and Thriplands, Kensington Court, W. [ <i>Crompton, Chelmsford.</i> ]
1898.	CRONIN, RICHARD .. .. .	{ Loco. Supt., Dublin, Wicklow and Wexford Rly., Upper Grand Canal St., Dublin.
1881.	{ CROSLAND, JAMES FOYELL LOVELOCK .. .. . }	Belcombe, Hale, Altrincham.
1891.	CROSLAND, JOSEPH .. .. .	{ Messrs. Seebohm & Dieckstahl, Dannemora Steel Works, Sheffield; and Stanley Avenue, Birkdale, Southport.
1911.	CROSS, SPENCER DOUGLAS ..	{ Messrs. Allen Alderson & Co., Alexandria, Egypt.
1903. G. } 1904. A.M. } 1912. M. }	CROSS, WILLIAM MARK .. ..	{ Local Government Board, Whitehall, S.W.
1900.	CROSTA, LORENZO WILLIAM ..	{ Clifton House, Musters Rd., West Bridgford, Nottingham.
1911.	CROUCH, JOHN PEACHEY ..	{ Chief Mech. Eng., F.C. Central Argentino, Rosario de Santa F�e, Arg. Rep.
1896. G. } 1901. A.M. } 1911. M. }	CROW, LEWIS .. .. .	{ c/o H. M. Rogers, 70 Merchant's Exchange, Cardiff.
1898.	{ CRUTWELL, GEORGE EDWARD WILSON .. .. . }	{ Dartmouth House, 2 Queen Anne's Gate, Westminster, S.W. [ <i>Consilium, London. Westminster 248.</i> ]
1892. A. } 1902. M. } 1904. G. }	CRYER, ARTHUR .. .. .	{ 10 Penywain Place, Roath Park, Cardiff.
1906. A.M. } 1912. M. }	CRYER, JAMES WILFRED ..	63 Bradford Rd., Bolton.
1898.	CULLEN, PETER JOHN .. ..	{ 19 The Pryors, Hampstead Heath, N.W.
1889.	CULLEN, WILLIAM HART ..	{ Castner-Kellner Alkali Co., Wallsend-on-Tyne.
1906.	CUMING, GEORGE .. .. .	{ Messrs. Harland & Wolff, Belfast.
1908. A.M. } 1911. M. }	CUMMING, WILLIAM MILLIGAN	{ Messrs. Jones Burton & Co., 19 Castle Street, Liverpool.

Date of Election  
and of Transfer.

1901.	CUNNINGHAM, HUGH .. ..	{ Works Manager, Messrs. Samuelson & Co., Britannia Iron Works, Banbury.
1912.	{ CUNNINGHAM, JOHN CUNNING- HAM .. .. .	{ Chief Eng., South Mine, Broken Hill, New South Wales.
1906. A.M.	{ CURGENVEN, Eng. Lieut.-	{ Engineer-in-Chief's Dept., The Admiralty, Whitehall, S.W.
1908. M.	{ Commander LEONARD WOODS, R.N. .. .. .	
1906.	CURRIE, GEORGE MACKAY ..	{ Ardeer Factory, Stevenston, S.O., Ayrshire.
1903.	CUSACK, HENRY EDWARD ..	{ Loco. Carr. and Wagon Supt., Mid. G.W. Rly. of Ireland, Broadstone Station, Dublin.
1900.	CUTLER, ARTHUR EDWARD ..	{ Public Works Dept., Sydney, N.S.W.
1887.	CUTLER, GEORGE BENJAMIN ..	{ Providence Iron Works, Millwall, E.; and 52 Westcombe Park Road, Blackheath, S.E. [ <i>Cutler, Millwall. Eastern 59.</i> ]
1876.	CUTLER, SAMUEL .. .. .	{ Messrs. Samuel Cutler & Sons, 39 Victoria Street, Westminster, S.W.
1891. G.)	CUTLER, SAMUEL, Jun. .. ..	{ Messrs. Samuel Cutler & Sons, 39 Victoria Street, Westminster, S.W.
1898. M.)		
1888.	DADABHOY, CURSETJEE .. ..	{ Cumbala Hill, Bombay, India.
1894. A.M.)	{ DADINA, HORMUZ MINOCHER (Life Member) .. .. .	{ Messrs. St. Paul & Dadina, Graham's Buildings, Bombay.
1901. M.)		
1895.	DAINTREE, THOMAS EKINS ..	{ Rand Club, Johannesburg, Transvaal.
1883.	D'ALBERT, CHARLES .. .. .	{ 15 Avenue Larcher, Chatou, Seine et Oise, France.
1890.	{ DALBY, Professor WILLIAM ERNEST, F.R.S. .. .. .	{ City and Guilds (Engineering) College, Exhibition Rd., S.W.
1902.	DALE, JOHN .. .. .	{ Genl. Manager, Sunderland Forge & Engineering Co., Sunderland.
1893.	DALL, JOHN .. .. .	{ Messrs. Lamport and Holt, Fulton St. Works, Liverpool.
1881.	D'ALTON, PATRICK WALTER ..	{ Cross Keys House, 56-58 Moorgate St., E.C.
1910.	DALZIEL, JAMES .. .. .	{ Taikoo Sugar Refining Co., Quarry Bay, Hong Kong, China.
1908.	{ DAMANT, Eng. Lieut.-Commr. WALTER SANROFT, M.V.O., R.N. .. .. .	{ H.M.S. "Galatea," c/o Postmaster General, E.C.
1902.	DAME, JOHN MALVERN .. ..	{ Standard Oil Co. of New York, Karachi, India.
1899.	DAN, TAKUMA .. .. .	{ Mitsui Mining Co., 1 Suruga-cho, Nihombashi-ku, Tokyo, Japan.
1909.	{ DANBY, CHARLES GEORGE HENRY .. .. .	{ c/o Messrs. Thos. Cook & Son, Ludgate Circus, E.C.

Date of Election  
and of Transfer.

1899.	DANIA, GEORGE .. .. .	110 Cannon St., E.C.
1866.	DANIEL, EDWARD FREER ..	89 Derby St., Burton-on-Trent.
1866.	DANIEL, WILLIAM .. .. .	Messrs. John Fowler & Co., Steam Plough and Loco. Works, Leeds; and Menston, Leeds.
1903.	DANIELS, GEORGE .. .. .	Oakdene, Hyde Rd., Gorton, Man- chester.
1888.	DARBISHIRE, JAMES EDWARD	25 Victoria St., Westminster, S.W. [ <i>Escourre, London. Victoria</i> 2210.]
1902.	DARLING, JOHN WILLIAM ..	Airedale Works, Keighley.
1905. A.M.)	DARLINGTON, SEYMOUR NANCE	Messrs. Vickers Ltd., Vickers House, Broadway, Westminster, S.W.
1908. M.)		
1878.	{ DARWIN, HORACE, F.R.S. ( <i>Life</i> <i>Member</i> ) .. .. .	{ The Orchard, Huntingdon Rd., Cambridge.
1912.	DASHPER, EDWARD HENRY ..	London and South Western Rly., Southampton Docks, South- ampton.
1909.	DAVEY, ARTHUR .. .. .	Messrs. Hobdell, Way & Co., St. John's House, 124-125 Minories, E.
1873.	{ DAVEY, HENRY ( <i>Vice-Presi-</i> <i>dent</i> ) .. .. .	{ Conaways, Ewell, Surrey.
1906.	DAVIDS, SMITH WILLIAM ..	{ Mulgrave Central Mill, Nelson, North Queensland.
1890. G.)	DAVIDSON, ALBERT .. .. .	139 Norfolk St., Sheffield.
1894. A.M.)		
1896. M.)		
1906. A.M.)	DAVIDSON, Capt. ALEXANDER } ELLIOTT, R.E. .. .. .	6 Pond Rd., Blackheath, S.E.
1911. M.)		
1913.	DAVIDSON, CHARLES SMITH	{ Chief Eng., Electricity Works, High St., Mortlake, S.W.
1901. G.)	DAVIDSON, JAMES SAMUEL ..	{ Genl. Manager, Sirocco Engineer- ing Works, Bridge End, Belfast. [ <i>Sirocco, Belfast. 327.</i> ]
1903. A.M.)		
1907. M.)		
1896. A.M.)	DAVIDSON, JOHN MCKENZIE ..	General Contractor, Karachi, India.
1901. M.)		
1888.	DAVIDSON, SAMUEL CLELAND	{ Sirocco Works, Bridge End, Bel- fast. [ <i>Sirocco, Belfast. 327.</i> ]
1897.	DAVIES, EDMUND JOSEPH ..	{ Messrs. Ransomes, Sims & Jefferies, Orwell Works, Ipswich.
1904. A.M.)	DAVIES, FREDERICK WILLIAM	{ Eng. and Genl. Mgr., Corpn. Water Dept., Castle Boulevard, Notting- ham.
1909. M.)		
1891.	DAVIES, JOHN HUBERT .. ..	P.O. Box 1386, Johannesburg, Transvaal.
1904.	DAVIES, SIDNEY .. .. .	Messrs. Hayward Tyler & Co., Luton.
1904. A.M.)	DAVIS, EDMUND JAMES .. ..	{ Rapidising Engineering Works, Great Eastern Rd., Stratford, E. [ <i>Rapidising, London. East</i> 1350.]
1914. M.)		
1907. A.M.)	DAVIS, HENRY WHITWORTH ..	Loco. Dept., Egyptian State Rlys., Cairo, Egypt.
1907. M.)		
1907. A.M.)	DAVISON, EDWARD JAMES ..	11 Carteret Street, Queen Anne's Gate, Westminster, S.W. [ <i>Sagre- tau, Vic, London.</i> ]
1912. M.)		

Date of Election  
and of Transfer.

1908.		DAVY, BERNARD JOSEPH ..	{ Dewhurst's Engineering Co., Attercliffe Rd., Sheffield.
1892.		DAVY, WILLIAM JAMES .. ..	{ 28 Stanhope Gardens, Highgate, N.
1901.		{ DAWSON, Sir ARTHUR TREVOR (Member of Council) .. ..	{ Messrs. Vickers Ltd., Vickers House, Broadway, Westminster, S.W.
1875.	G.}	DAWSON, EDWARD .. .. .	{ 23 Park Place, Cardiff. [ <i>Mechanical, Cardiff.</i> ]
1890.	M.}	DAWSON, GEORGE PILKINGTON	{ Grotton House, Boxford, Suffolk.
1907.		DAWSON, PHILIP .. .. .	{ St. Stephen's House, Victoria Embankment, Westminster, S.W.
1896.	A.M.}	{ DAWSON, PROFESSOR TOM STAFFORD .. .. .	{ Victoria Jubilee Technical Institute, Bombay, India.
1899.	M.}		
1912.			
1911.	A.M.}	DAY, BENJAMIN JOHN .. ..	{ 3 Park Place, Cardiff.
1914.	M.}		
1896.		DAY, CHARLES .. .. .	{ Bramhall House, Hazel Grove, Stockport.
1886.		DAYSON, WILLIAM OGDEN ..	{ 1 Mount Street, Swansea.
1880.		DEACON, RICHARD WILLIAM..	{ 45 Burlington Avenue, Kew Gardens, Surrey.
1900.	G.}		
1902.	A.M.}	DEACON, ROBERT DUGALD ..	{ Loco. Supt., Manila Rly. Co., Box 448, Manila, Philippine Islands.
1910.	M.}		
1894.		DEAKIN, BENJAMIN WALTER..	{ 124-127 Leopold Street, Birmingham. [ <i>Turnery, Birmingham. Mid. 2282.</i> ]
1903.		DEAKIN, WALTER .. .. .	{ Thornleigh, Oakfield Rd., Selly Park, Birmingham.
1900.		{ DEAN, FREDERIC WILLIAM CHARLES .. .. .	{ Royal Ordnance Factory, Royal Arsenal, Woolwich.
1903.		DEAN, JOSEPH .. .. .	{ General Manager, Messrs. Knowles & Co., Globe Works, Bradford. [ <i>Machines, Bradford. 2132.</i> ]
1900.		DEEBLE, WILLIAM RUFUS ..	{ Chief Mech. Eng., Tasmanian Govt. Rlys., Launceston, Tasmania.
1890.		DEELEY, RICHARD MOUNTFORD	{ Abbeyfield, Salisbury Avenue, Harpenden, Herts.
1889.		DEFRIES, WOLF .. .. .	{ Antelope Foundry, Deptford, S.E.
1901.		DELLWIK, CARL .. .. .	{ 9½ Union Court, Old Broad St., E.C.
1904.		DE MATTOS, JOSEPH HILBERT	{ Managing Director, Eddison Steam Rolling Co., Ltd., Dorchester. [ <i>Eddison, Dorchester. 20.</i> ]
1900.		DENHAM, JOHN .. .. .	{ P.O. Box 1072, Johannesburg, Transvaal.
1882.		DENISON, SAMUEL .. .. .	{ Hunslet Foundry, Leeds. [ <i>Weigh, Leeds. Central 1288.</i> ]
1892.		DENNIS, GEORGE D. .. ..	{ 26 Newton Rd., Bayswater, W. ( <i>Deceased January 1915.</i> )
1909.	A.M.}	{ DENNISS, ARTHUR WORKMAN	{ Loco. Running Supt., G.N. Rly. (Ireland), Dundalk.
1912.	M.}		
1888.		DENT, CHARLES HASTINGS ..	{ General Manager, Great Northern Rly., King's Cross, N.
1903.		DEWAR, JAMES MCKIE .. ..	{ Messrs. Cammell Laird & Co., 3 Central Bldgs., Westminster, S.W.

Date of Election  
and of Transfer.

1895.	DEWHURST, JOHN HENRY ..	{ Managing Director, Dewhurst's Engineering Co., Sheffield. [1614 and 3861.]
1899.	{ DEWRANCE, JOHN ( <i>Member of Council</i> ) .. .. . }	{ 165 Great Dover St., S.E.; and Cranmore Place, Chislehurst.
1891.	DICK, JOHN NORMAN .. ..	{ Rosslyn, 12 Hope Place, Levenhall, Midlothian.
1903.	{ DICKEN, ROBERT CHRISTIAN } JOHN .. .. . }	{ 34 Willcott Road, Acton, W.
1890.	DICKINSON, ALFRED .. ..	{ Central House, New St., Birmingham. [ <i>Traction, Birmingham.</i> 1823.]
1894. A.M. } 1899. M. }	DICKINSON, HAROLD .. ..	{ City Electl. Eng., Corpn. Electric Supply Dept., 24 Hatton Garden, Liverpool.
1891.	DICKINSON, JAMES CLARK ..	{ Palmer's Hill Engine Works, Sunderland.
1892.	DICKINSON, RICHARD HENRY	{ Chief Eng., Tramways Dept., Council House, Birmingham.
1910.	DICKSON, NORMAN .. ..	{ 25 Victoria St., Westminster, S.W. [ <i>Endeepce, Vic, London. Victoria</i> 1602.]
1905. A.M. } 1909. M. }	DIVECHA, RAMCHUNDRANURSEY .. .. . }	{ Maneckchock and Ahmedabad Manufacturing Co., Sugar Lane, Ahmedabad, India.
1898.	DIXON, WALTER .. ..	{ 38 Bath St., Glasgow. [ <i>Fresco, Glasgow.</i> 3656.]
1897.	DIXON, WALTER FRANK .. ..	{ Kompanaya Singer, Podolsk, Moscow Govt., Russia.
1910.	DOBSON, JOSEPH HENRY ..	{ Town Electrical Eng., P.O. Box 699, Johannesburg, Transvaal.
1899.	DOBSON, SYDNEY THORNTON ..	{ Chief Eng., St. James's and Pall Mall Electric Light Co., 19 Carnaby St., Golden Sq., W. [ <i>Fulleresco, London. Gerrard</i> 5082.]
1895. A. } 1911. M. }	DOCKER, FRANK DUDLEY, C.B.	{ Chairman, Metrop. Amalgamated Rly. Carriage and Wagon Co., Saltley, Birmingham; and The Gables, Kenilworth.
1889.	DOLBY, ERNEST RICHARD ..	{ 8 Princes St., Westminster, S.W. [ <i>Victoria</i> 782.]
1898. A.M. } 1903. M. }	DONALD, DAVID BOSWELL ..	{ 7 Trossachs Road, East Dulwich, S.E.
1898.	{ DONALDSON, Sir HAY FREDERICK, K.C.B. ( <i>Past-President</i> ) .. .. . }	{ Chief Supt., Ordnance Factories, Royal Arsenal, Woolwich; and Wood Lodge, Shooter's Hill, Kent.
1895.	DONKIN, HARRY JULYAN .. ..	{ Bryan Donkin Co., Millbank House, 2 Wood Street, Westminster, S.W.
1911.	DONKIN, SYDNEY BRYAN ..	{ Messrs. Kennedy and Donkin, 17 Victoria Street, Westminster, S.W. [ <i>Kinematic, London.</i> ]
1902.	{ DONOHUE, Major WILLIAM } EDWARD, A.S.C. .. .. }	{ Chief Inspector of Mechanical Transport, Aldershot; and St. Ives, South Farnborough, Farnborough.

Date of Election  
and of Transfer.

1891.	DONOVAN, EDWARD WYNNE ..	{ Broughton Bridge Iron Works, Salford, Manchester. [ <i>Dazzle, Manchester.</i> 3404.]
1904. A.M.) 1909. M.)	DOUGLAS, CHARLES EDWARD ..	{ Messrs. Douglas & Grant, Dunning- kier Foundry, Kirkcaldy.
1903.	DOUGLAS, GEORGE CAMERON ..	{ 12 Bank Street, Dundee. [1487.]
1909.	DOUGLAS, JAMES THOMAS ..	{ 11 Dale St., Liverpool.
1898. A.M.) 1902. M.)	DOUGLAS, WILLIAM JAMES ..	{ 1 Fenchurch Avenue, E.C. [ <i>Block- ading, London.</i> ]
1903.	DOVE, JOHN CHARLES .. ..	{ Messrs. Cowans, Sheldon and Co., St. Nicholas Works, Carlisle. [ <i>St. Nicholas, Carlisle.</i> ]
1900.	DOW, JAMES WILLIAM .. ..	{ Carr. and Wagon Dept., N.E. Rly., York.
1907.	DOWNES, CHARLES STEPHEN ..	{ 6 Clarence Lawn, Dover.
1880.	DOXFORD, ROBERT PILE .. ..	{ Pallion Shipbuilding and Engine Works, Sunderland.
1900. A.M.) 1910. M.)	DRAKE, ARTHUR JAMES .. ..	{ 91 Southfield Rd., Bedford Park, Chiswick, W.
1914.	{ DRAKE, Eng. Commander SIDNEY JAMES, R.N. .. .. }	{ Royal Naval Barracks, Portsmouth.
1913.	DREWITT, GEORGE DUNCAN ..	{ Helouan, Egypt.
1904. A.M.) 1912. M.)	DRINNAN, JOHN .. .. .	{ Glen Cairn, Handsworth, Shef- field.
1895. A.M.) 1904. M.)	DRONSFIELD, JAMES .. ..	{ Atlas Works, Oldham.
1896.	DRONSFIELD, WILLIAM .. ..	{ Sandiway Lodge, near North- wich.
1907. A.M.) 1911. M.)	DRUMMOND, GEORGE RICHARD	{ Electl. & Mech. Eng. to Jodhpur State, Jodhpur, Rajputana, India.
1898.	DRUMMOND, GEORGE WILLIAM	{ Glasgow Rly. Engineering Co., Helen St., Govan, Glasgow.
1898.	DRUMMOND, PETER .. .. .	{ Loco. Dept., Glasgow and S.W. Rly., Kilmarnock.
1911. A.M.) 1913. M.)	DRURY, REGINALD STARR ..	{ Victoria Chambers, Bowllalley Lane, Hull.
1900.	DRYDEN, ALBERT .. .. .	{ 12 Harborough Road, Streatham, S.W.
1896.	DRYDEN, THOMAS .. .. .	{ Grimshaw Street Foundry, Preston. [36.]
1912.	DUDGEON, HARRY ALLSOP ..	{ Singer Manufacturing Co., Singer, Clydebank, Glasgow.
1900.	DUDIN, HENRY WILLIAM ..	{ Messrs. Yarrow & Co., Scotstoun, Glasgow.
1868. G.) 1893. M.)	DUGARD, WILLIAM HENRY ..	{ Vulcan Rolling Mills, Bridge St. West, Summer Lane, Birming- ham. [ <i>Vulcan, Birmingham.</i> ]
1895. A.M.) 1908. M.)	DUMAS, ROBERT .. .. .	{ British Thomson-Houston Co., Rugby.
1912.	DUNCAN, EDWARD MACGREGOR	{ 27 Old Queen Street, West- minster, S.W.
1913.	DUNCAN, GEORGE THOMAS	{ Messrs. Tangyes, Hope Street, Glasgow.
1901. A.M.) 1908. M.)	DUNCAN, JOHN .. .. .	{ Munic. Technical Institute, Rom- ford Rd., West Ham, E.
1895. A.M.) 1905. M.)	DUNCAN, WILLIAM .. .. .	{ Mech. Eng., S. African Rlys., Pietermaritzburg, Natal.

Date of Election  
and of Transfer.

1907.	DUNKERLEY, HERBERT .. ..	{ Imperial Chambers, Bowlalley Lane, Hull.
1900.	DUNLOP, PETER .. ..	{ 43 Park Hill, Clapham, S.W.
1890.	DUNN, HUGH SHAW .. ..	{ Annanhill, Kilmarnock.
1895. A.M.}	DUNN, MATTHEW .. ..	{ Corpn. Gas Works, Stockton-on-Tees.
1897. M.}		
1907.	DUNSTAN, EDWIN JAMES .. ..	{ Chief Loco., Carr. and Wagon Supt., Shanghai-Nanking Rly., Woosung, China.
1914.	DURHAM, HARRY WILLIAM .. ..	{ Messrs. A. Ransome & Co., Stanley Works, Newark.
1899.	{ DURSTON, Eng. Vice-Admiral	{ St. Andrews, Westcombe Park Rd., Blackheath, S.E.
	{ Sir ALBERT JOHN, K.C.B. .. ..	
1886. G.}	DUVALL, CHARLES ANTHONY .. ..	Great Haseley, Oxon., Wallingford.
1890. M.}		
1904.	DYKES, ARTHUR JOHN .. ..	{ Loco., Carr. and Wagon Supt., Mauritius Govt. Rlys., Central Rly. Stn., Port Louis, Mauritius.
1913.	DYKES, JAMES .. ..	{ c/o Alex. Dykes, Berford, Kirkcaldy.
1865.	DYSON, ROBERT .. ..	{ Rother Iron Works, Rotherham.
1904.	EAGER, JOHN .. ..	{ Eng. & Loco. Supt., B. P. & G. V. Rly. & Docks, Burry Port; and Caehelyg, Burry Port, R.S.O., Carmarthenshire.
1904.	EASTWOOD, WILLIAM .. ..	{ Thorne Leigh, Old Road, Stanningley, Leeds.
1888.	EATON-SHORE, GEORGE .. ..	{ Boro' Eng., Temple Chbrs., Crewe.
1908.	EBORALL, ALFRED CECIL .. ..	{ 45 Addison Road, West Kensington, W.
1896.	EBORALL, CORNELIUS WILLES	{ Birnam Lodge, Folkestone.
1897. A.}	ECHEVARRI, JUAN THOMAS	{ British Aluminium Co., 109 Queen Victoria Street, E.C.
1898. M.}		
1906. A.M.}	ECKART, Professor WILLIAM	{ 1445 Bryant St., Palo Alto, Cal., U.S.
1911. M.}		
1886.	EDE, FRANCIS JOSEPH .. ..	{ Messrs. Ede Bros., Silchar, Cachar, India.
1892. G.}	EDGCOME, JAMES EDMUND .. ..	{ Boro' Electrical Eng., Kingston-on-Thames.
1898. M.}		
1900.	{ EDWARDS, ALBERT EDWARD	{ 105 Colmore Row, Birmingham. [Central 6810 X.]
	{ ALEXANDER .. ..	
1877.	EDWARDS, FREDERICK .. ..	{ 100 Bishopsgate, E.C.
1891. G.}	EDWARDS, HERBERT FRANCIS	104 Stanwell Rd., Penarth.
1895. A.M.}		
1898. M.}		
1885. G.}	EDWARDS, WALTER CLEEVE .. ..	{ Pacific Phosphate Co., Collins St., Melbourne, Victoria.
1895. M.}		
1899.	ELFORD, ERNEST JOHN .. ..	{ Boro' Surveyor, Southend-on-Sea.
1888.	ELLEBY, HENRY GEORGE .. ..	{ 7 Fernbank Rd., Redland, Bristol.

Date of Election  
and of Transfer.

1912.	{ ELLIOTT, CLIFFORD FRANCIS JOHN .. .. . }	{ Loco. Carr. and Wagon Supt., Ottoman (Aidan) Railway, Point, Smyrna, Turkey-in-Asia.
1895.	ELLIOTT, GEORGE .. .. .	255 Antrim Rd., Belfast.
1904. A.M.) 1913. M.)	{ ELLIOTT, GEORGE HENRY ..	{ Oakhurst, 6 Benson Rd., Forest Hill, S.E.
1905. A.M.) 1914. M.)	{ ELLIOTT, STANLEY HERBERT ..	{ Oficina Ballena, Lautaro Nitrate Co., Taltal, Chile.
1901.	ELLIS, ARTHUR .. .. .	{ Eng. and Manager, Corpn. Electric Light and Tramway Depts., The Hayes, Cardiff.
1895.	ELLIS, ARTHUR DEVONSHIRE ..	2 Cardigan Rd., Richmond, Surrey.
1903. A.M.) 1911. M.)	{ ELLIS, BERNARD PEMBERTON	{ Messrs. Rendel, Palmer & Tritton, 13 Dartmouth St., Westminster, S.W.
1898. A.M.) 1904. M.)	{ ELLIS, JESSE .. .. .	{ Burnside, Chestnut Road, West Norwood, S.E.
1901.	ELLIS, REGINALD EATON ..	{ 70 and 72 Chancery Lane, W.C. [ <i>Patent, London. Holborn 243.</i> ]
1900.	ELMER, JOSEPH JOHN .. .. .	{ Works Manager, Westinghouse Brake Co., 82 York Rd., King's Cross, N.; and Ethelmar House, Waverley Rd., Crouch End, N.
1914.	ELORDI, JUAN JOSÉ .. .. .	{ Manager, Buenos Aires & Quilmes Electric Tramways Co., Quilmes, F.C.S., Arg. Rep.
1912.	ELSTOB, FRANCIS .. .. .	16 Penn Road, Holloway, N.
1897.	ELSWORTH, JOHN FRANCIS ..	{ General Works Manager, Egyptian Salt and Soda Co., Alexandria, Egypt.
1906. A.M.) 1911. M.)	{ ELTON, SYDNEY GEORGE ..	{ Messrs. James Simpson & Co., 10 Clive St., Calcutta.
1910.	ELVY, THOMAS ELVY .. .. .	{ 7 The Terrace, H.M. Dockyard, Haulbowline, Queenstown.
1890.	{ ENGLISH, Lt.-Colonel THOMAS, R.E., ret. .. .. . }	Bagdale House, Whitby.
1894.	ENGLISH, THOMAS MATTHEW	Eastonville, Horeham Road, Sussex.
1894.	ENNOR, CHARLES JOHN .. .. .	Hollywood, Liskeard.
1900. A.M.) 1906. M.)	{ ENOCK, ARTHUR GUY .. .. . }	{ Thane Works, Fountayne Rd., Broad Lane, Tottenham, N. [ <i>Icerimus, London. Tottenham 63.</i> ]
1897. A.M.) 1904. M.)	{ EPTON, WILLIAM MARTIN ..	{ Lonrho Buildings, Baker Avenue, Salisbury, Rhodesia.
1901.	ERICHSEN, FREDERIK OLE ..	Messrs. Simpson & Co., 101 Gros- venor Rd., Pimlico, S.W.
1907.	ERMEN, BERNHARD GODFREY	{ Chief Eng., English Sewing Cotton Co., National Bldgs., The Parson- age, Manchester.
1890.	ESSON, JOHN .. .. .	{ Chatteris Engineering Works, Chat- teris, S.O., Cambridgeshire.
1884.	ETHERINGTON, JOHN .. .. .	{ 39A King William St., London Bridge, E.C.
1897. G.) 1903. A.M.) 1911. M.)	{ ETLINGER, GEORGE ERNEST	{ Messrs. John Birch & Co., 3 London Wall Bldgs., E.C.
1910.	EVANS, DAVID EDWARD .. .. .	{ Messrs. Ralli Bros., Calcutta, India.



Date of Election  
and of Transfer.

1906.	EVANS, DAVID LLEWELLYN ..	120 Bute St., Cardiff.
1906. A.M.}	EVANS, ERNEST ALFRED ..	{ Govt. Rlys., Midland Junction, Western Australia.
1914. M.}		
1907.	EVANS, LEWIS .. .. .	96-98 Leadenhall St., E.C.
1904. A.M.}	EVANS, MALCOLM THOMAS ..	51 Queen Sq., Bristol.
1906. M.}		
1905.	EVERETT, WILFRED HERMANN	{ 2 Park Mansions, Park St., Calcutta, India.
1887.	EVERETT, NEVILL HENRY ..	{ Swains House, Bembridge, Isle of Wight.
1894. A.M.}	EWEN, JOHN TAYLOR, F.R.S.E.	{ H.M. Inspector of Schools (Science and Art) for N. Divn. of Scotland: 104 King's Gate, Aberdeen.
1896. M.}		
1891.	{ EWING, Sir JAMES ALFRED, K.C.B., LL.D., F.R.S. (Member of Council) .. .. }	Admiralty, Whitehall, S.W.
1890.	EXTON, GEORGE GASKELL ..	{ Messrs. Chubb & Son, 128 Queen Victoria St., E.C.
1912.	FAIRLIE, WILLIAM EDWARD ..	{ 23 Methuen Park, Muswell Hill, N.
1881.	FARRAR, SIDNEY HOWARD ..	4 London Wall Buildings, E.C.
1901.	FEDDEN, SAMUEL EDGAR ..	{ Chief Eng. and Manager, Corpn. Electric Supply Dept., Commercial St., Sheffield.
1882.	FEENY, VICTOR ISIDORE ..	{ 60 Queen Victoria St., E.C. [ <i>Victor Feeny, London.</i> ]
1899.	FEETHAM, MARK .. .. .	{ London Electric Supply Corpn., Stowage Wharf, Deptford, S.E.
1901.	{ FELL, AUBREY LLEWELLYN COVENTRY .. .. .	{ Chief Officer, L.C.C. Tramways, 62 Finsbury Pavement, E.C.; and Long Wall, Walton-on-Thames.
1876.	FELL, JOHN CORRY .. .. .	{ 1 Queen Victoria St., E.C. [ <i>Lodestone, London. Bank 317.</i> ]
1892.	FENWICK, JAMES .. .. .	{ 19 Bridge St., Sydney, N.S.W. [1038.]
1908.	FERGUSON, JAMES STRATHEARN	9 Victoria St., Westminster, S.W.
1907.	FERGUSON, MEPHAN .. .. .	Gordon St., Footscray, Victoria.
1903. A.M.}	FERGUSON, RUSSELL FOR- RESTER .. .. .	{ Boro' Electrical Eng., Hastings Corpn., Earl St., Hastings.
1909. M.}		
1881.	FERGUSON, WILLIAM .. .. .	{ 131 Coromandel St., Wellington, New Zealand.
1896.	FERGUSON, WILLIAM DEEBLE	10 Mayfair, Belfast.
1900.	FERRANTI, SEBASTIAN ZIANI DE	Baslow, Derbyshire.
1909.	{ FERRIER, Professor ROBERT MUIR .. .. .	{ The University, Bristol.
1914.	{ FIELD, Professor ALLAN BERTRAM .. .. .	{ Municipal School of Technology, Manchester.
1906.	FIELD, BASIL KINGSFORD ..	16 Chatsworth Rd., Brighton.
1874.	FIELDING, JOHN .. .. .	{ Atlas Iron Works, Gloucester. [ <i>Atlas, Gloucester.</i> ]
1913.	FILDES, PERCY ARTHUR ..	{ Dept. of Public Works, Sydney, N.S.W.

Date of Election  
and of Transfer.

1902. A.M.	} FINNIE, WILLIAM .. .. .	{ United Engineers Ltd., Singapore, S.S.
1905. M.		
1899.	FIRTH, AMBROSE .. .. .	{ Messrs. Walker, Eaton & Co., Wicker Iron Works, Sheffield. [ <i>Founder, Sheffield. 873.</i> ]
1897.	FISH, SYLVESTER ROBERT ..	{ Cintra, Hatton Park, Welling- borough.
1888.	{ FITZGERALD, MAURICE FRED- ERICK .. .. .	{ Fairholme, Monkstown, Co. Dublin.
1902.	{ FITZMAURICE, Sir MAURICE, C.M.G. .. .. .	
1877.	{ FLANNERY, Sir JAMES FORTES- CUE, Bart., M.P. .. .. .	{ 9 Fenchurch St., E.C. [ <i>Avenue 338.</i> ]
1898. A.M.	} FLETCHER, HAROLD CLARKSON	{ Messrs. Johnson & Fletcher, P.O. Box 224, Bulawayo, Rhodesia.
1905. M.		
1892. G.	} FLETCHER, JOSEPH ERNST ..	{ Messrs. N. Hingley & Sons, Nether- ton Iron Works, Dudley.
1894. A.M.		
1906. M.		
1902.	FLETCHER, WILLIAM .. .. .	{ Ovingham House, Beech Grove, Whickham, Co. Durham.
1902. A.M.	} FLETCHER, WILLIAM CHARLES	{ Dept. of Agriculture and Technical Education, Cairo, Egypt.
1905. M.		
1901.	FLINDT, ERNEST JUST .. ..	{ Morel's Chambers, Cardiff. [ <i>Shaft, Cardiff.</i> ]
1903.	FLOCKTON, BENJAMIN PERCY	{ Messrs. Manlove Alliott & Co., Nottingham.
1908.	FOORD, JOHN KILBY .. .. .	{ 89 Victoria St., Westminster, S.W. [ <i>Turbomotor, London. Victoria 4432.</i> ]
1895. A.M.	} FORBES, GEORGE CHICHESTER	{ Loco. Supt., F.M.S. Rlys., Kuala Lumpur, Malay Peninsula.
1902. M.		
1882.	{ FORBES, WILLIAM GEORGE LOUDON STUART .. .. .	{ Chief Mechanical Eng., H.M. Mint, Calcutta.
1908. A.M.	} FORD, HERBERT HENRY ..	{ Sir W. Arrol & Co., Crane Works, Parkhead, Glasgow.
1913. M.		
1899.	FORD, THOMAS WHARTON ..	{ 68 Victoria Street, Westminster, S.W. [ <i>Forcato, London. Victoria 4611.</i> ]
1912.	{ FOREMAN, JAMES THOMAS WEATHERALL .. .. .	{ Genl. Manager, Messrs. Alexander Wright & Co., 1 Westminster Palace Gardens, Westminster, S.W.
1902. A.M.	} FORGAN, CHARLES .. .. .	{ Messrs. Joseph Rank, Baltic House, 27 Leadenhall St., E.C.
1911. M.		
1902.	FORREST, PETER .. .. .	{ Messrs. Topham Jones and Railton, 11 Great George St., S.W.
1912.	FORSTER, ALFRED LINDSAY ..	{ Glasgow Glass Works, Murano St., Glasgow.
1888.	FORSTER, ALFRED LLEWELLYN	{ Eng., Newcastle and Gateshead Water Works, Newcastle-on- Tyne.
1901. A.M.	} FORSTER, ANDREW .. .. .	{ Messrs. J. Samuel White & Co., Cowes, Isle of Wight.
1913. M.		
1889.	{ FOSTER, HERBERT ANDERTON ( <i>Life Member</i> ) .. .. .	{ Black Dike Spinning Mills, Queens- bury, Bradford.
1911.	FOSTER, JAMES YATES .. ..	{ Whitefriars, Penwortham, Preston.
1896. A.M.	} FOWLER, HENRY .. .. .	{ Chief Mech. Engineer, Midland Rly., Derby.
1897. M.		

Date of Election  
and of Transfer.

1913.	FOWLER, JAMES ANDREW ..	Messrs. Wellman, Seaver & Head, 47 Victoria St., Westminster, S.W.
1898. A.M. }	FOWLER, PERCY MERWOOD ..	P.O. Box 1876, Johannesburg, Transvaal.
1904. M. }		
1894.	FOWLER, ROBERT HENRY ..	Steam Plough and Loco. Works, Leeds. [ <i>Fowler, Leeds.</i> ]
1906.	FOWLER, THOMAS WALKER ..	Public Works Dept., Hobart, Tas- mania.
1885.	FOWLER, WILLIAM HENRY ..	Oakleigh, The Avenue, Ashton-on- Mersey, Sale, Manchester.
1900.	FOX, CHARLES HEYLAND ..	155 Dashwood House, 9 New Broad St., E.C.
1866.	FOX, SIR DOUGLAS .. .. .	Cross Keys House, 56 Moorgate St., E.C.
1901. A.M. }	FOX, EDMUND JOHN .. .. .	Messrs. Stewarts & Lloyds, Win- chester House, Old Broad St., E.C.
1910. M. }		
1899. A.M. }	FOX, HENRY SHOOLBRED ..	Messrs. G. J. Worsam & Son, Wen- lock Rd., City Rd., N. [ <i>Massrow, London. King's Cross 677.</i> ]
1904. M. }		
1901.	FOX, WILLIAM .. .. .	Mech. Eng., Manchester Ship Canal Co., 41 Spring Gardens, Man- chester. [688 and 1077.]
1885.	FRANKI, JAMES PETER .. .. .	Mort's Dock and Engineering Co., Mort's Bay, Sydney, N.S.W.
1902.	FRANKLIN, EDWARD STANLEY	Managing Director, Messrs. Stoth- ert & Pitt, Bath.
1899.	FRASER, PATRICK .. .. .	Westburn Foundry, Arbroath.
1909.	FRASER, SAMUEL EDGER ..	Suptg. Eng., Waihi Gold Mining Co., Waikino, New Zealand.
1900. A.M. }	FRIPP, STEUART .. .. .	c/o A. N. Stephenson, 12 Duke St., Edinburgh.
1914. M. }		
1905. A.M. }	FROGGATT, FREDERICK .. .. .	Messrs. John Harper & Co., Albion Wks., Willenhall, Wolverhampton.
1913. M. }		
1906.	FRY, LAWFORD HOWARD ..	Supt. of Product, Standard Steel Works Co., Burnham, Mifflin Co., Pa., U.S.
1900.	{ FUJII, Eng. Rear Admiral TERUGORO, I.J.N. .. .. .	Engineering Dept., Admiralty, Tokyo, Japan.
1905. A.M. }	FULTON, NORMAN OSBORNE ..	Albion Motor Car Co., Scotstoun, Glasgow; and St. Edmunds, Milngavie, Glasgow.
1908. M. }		
1897. A.M. }	FURNESS, CHARLES .. .. .	Boro' Electrical and Tramway Eng., Electricity Dept., Blackpool.
1901. M. }		
1906. A.M. }	FYFE, JOHN WALKER .. .. .	Metrop. Asylums Board, Sheffield House, Sheffield St., W.C.
1911. M. }		
1904. G. }	FYFFE, ANDREW MORTON ..	Eng. and Genl. Manager, Corpn. Gas Dept., Nelson.
1907. A.M. }		
1912. M. }	FYVIE, WILLIAM .. .. .	84 Queen St., Melbourne, Victoria.
1908.		
1890.	GADD, WILLIAM .. .. .	Hayden Villa, Bath Rd., Swindon.
1906.	GALL, ALEXANDER .. .. .	{ Rockliffe, Redbrink Crescent, Barry Island, Glam.

Date of Election  
and of Transfer.

1912.	GALL, JOHN .. .. .	Messrs. Nelson and Wythes, 309 Calle Cangallo, Buenos Aires, Arg. Rep.
1898.	GANDY, FREDERICK .. .. .	Bramhall, Stockport.
1884.	{ GANGA RAM, Rai Bahadur, C.I.E., M.V.O. .. .. . }	Lahore, India.
1910.	GARDNER, JOHN CAMPBELL ..	{ 47 Victoria Road, Broomhall Park, Sheffield.
1899.	GARDNER, WILLIAM .. .. .	{ Vauxhall and West Hydraulic En- gineering Co., 45 Leadenhall St., E.C. [Vaporiform, London. Avenue 800.]
1900. A.M. } 1907. M. }	GARLAND, FREDERICK JOSEPH	{ Genl. Manager, Water Works, Frimley Green, Farnborough, Hants.
1899.	GARRARD, GEORGE MINGAY ..	Morfa, Winscombe, Somerset.
1901. A.M. } 1908. M. }	GARRATT, ERNEST ALBERT ..	{ Messrs. Jacobs & Barringer Ltd., 78 Gracechurch St., E.C.
1911.	GARRATT, HECTOR HENRY ..	{ Works Manager, Messrs. Henry Hope & Sons, Smethwick, Bir- mingham.
1896. A.M. } 1905. M. }	GARRATT, JAMES HERBERT ..	{ Genl. Manager, Singapore Electric Tramways Co., Mackenzie Road, Singapore, Straits Settle- ments.
1882.	GARRETT, FRANK .. .. .	{ Leiston Works, Leiston, R.S.O., Suffolk. [Garrett, Leiston.]
1913.	GARTSIDE, VINCENT .. .. .	{ Messrs. John Holroyd & Co., Perseverance Works, Milnrow, Rochdale.
1898. A.M. } 1901. M. }	GASS, JOHN .. .. .	{ Engr's Office, The Tower Bridge, S.E. [Hop 922.]
1912.	GASS, WILLIAM GEORGE .. ..	{ Managing Director, Messrs. Ent- wise and Gass, Atlas Foundry, Nelson St., Bolton.
1900. A.M. } 1906. M. }	GASTON, ALFRED BENJAMIN ..	{ Supt. Eng., Taku Tug and Lighter Co., Taku, North China.
1894.	GATEHOUSE, TOM ERNEST ..	{ 4 Ludgate Hill, E.C. [Ageekay, London. Holborn 983.]
1901. G. } 1907. A.M. } 1912. M. }	GAVVAIN, WILLIAM PERCIVAL	{ Waihi G. M. Co., Waihi, Paeroa, Auckland, N.Z.
1901. A.M. } 1909. M. }	GAWTHORNE, WILLIAM ARTHUR	{ Kohinoor House, Dadar, Bombay, India.
1902.	GEBBIE, JOHN .. .. .	{ Borneo Co. Ltd., Singapore, Straits Settlements.
1888.	GEDDES, CHRISTOPHER .. ..	{ 10 Drury Lane, Water St., Liver- pool. [Graccius, Liverpool.]
1908. A.M. } 1908. M. }	GEE, THOMAS JOHN .. .. .	{ Suptg. Eng., Messrs. Agar, Cross & Co., 497 Casilla de Correo, Buenos Aires, Arg. Rep.
1908.	GELLING, JOHN WELSBY ..	{ Apartado 593, Mexico City, Mexico. Consulting Eng., Messrs. A. Guinness Son and Co., St. James' Gate Brewery, Dublin; and 17 Westland Row, Dublin.
1880.	GEOGHEGAN, SAMUEL .. .. .	{ Ockhta Gunpowder Works, Petro- grad, Russia.
1908.	{ GEREBIATEFF, Major-General JOHN THEODORE, I.R.A. .. }	{ Ockhta Gunpowder Works, Petro- grad, Russia.

Date of Election  
and of Transfer.

1896.	GERMAN, WALTER HUSSEY ..	{ Colonial Sugar Refining Co., O'Connell St., Sydney, N.S.W.
1898. G. } 1905. A.M. } 1908. M. }	GIBB, MAURICE SYLVESTER ..	{ Central Marine Engine Works, West Hartlepool.
1871.	GIBBINS, RICHARD CADBURY ..	{ Berkley St., Birmingham. [ <i>Gibbins,</i> <i>Birmingham.</i> ]
1904.	GIBBONS, WILLIAM FREDERICK	{ Supt. of Workshops, Bengal-Nagpur Rly., Khargpur, India.
1901.	GIBBONS, WILLIAM GREGORY	{ Viewpark, Russell Place, Trinity, Edinburgh.
1902.	GIBBS, GEORGE JAMES .. ..	{ 7 Lune St., Preston. [114.]
1901.	GIBBS, JOHN HENRY .. ..	{ Britannia Iron Works, Observatory, Cape Town, Cape Colony.
1911.	{ GIBSON, Professor ARNOLD HARTLEY, D.Sc. .. .. }	University College, Dundee.
1906.	GIBSON, DAVID .. ..	{ Lancs. and Yorks. Rly. Offices, Horwich, Lancs.
1909.	GIBSON, GEORGE ARTHUR ..	{ c/o Messrs. Thos. Cook & Son, Bombay, India.
1900. A.M. } 1910. M. }	GIBSON, GEORGE HENRY ..	{ 4 Boleyn Rd., Pollokshields, Glas- gow.
1912.	GILBERT, ERNEST .. ..	{ Chief Engineer, Zouevsky Mills, Station Dresna, near Moscow, Russia.
1883.	{ GILCHRIST, PERCY CARLYLE, (F.R.S. ( <i>Life Member</i> )) .. .. }	Reform Club, Pall Mall, S.W.
1898.	GILES, BENJAMIN .. ..	{ Divl. Supt., G.W.R., Newton Abbot.
1911.	GILES, CHARLES ERNEST ..	{ Works Eng., Metrop. Carriage Wagon and Finance Co., Sattley Works, Birmingham.
1907. A.M. } 1914. M. }	GILL, JAMES HERBERT WAIN- WRIGHT .. .. .	{ Messrs. Walker Sons & Co., Colombo Iron Works, Colombo, Ceylon.
1911.	GILLESPIE, JOHN .. ..	{ 65 Bath Street, Glasgow.
1900. A.M. } 1904. M. }	GILLING, ARTHUR HEWITT ..	{ Yorkshire Engine Co., Meadow Hall Works, Sheffield.
1881.	GIRDWOOD, WILLIAM WALLACE	{ 46 Little Heath, Old Charlton, Kent.
1896. A.M. } 1906. M. }	GIVEN, ERNEST CRANSTON ..	{ 17 Water St., Liverpool; and Dingle Bank, Dingle Lane, Liverpool.
1896.	{ GLASGOW, ARTHUR GRAHAM ( <i>Life Member</i> ) .. .. . }	38 Victoria St., Westminster, S.W.
1913.	{ GLAZE, CHARLES WILLIAM LIVOCK .. .. . }	{ Works Manager, G.E. Rly., Strat- ford, E.
1898.	GLEN, DAVID CORSE .. ..	{ 46 Queen Victoria Street, E.C.
1914.	GLOVER, GEORGE TERTIUS ..	{ Loco. Supt., Gt. Northern Railway (Ireland), Dundalk.
1908. A.M. } 1911. M. }	GOBNEY, FRANCIS EDWARD ..	{ Carr. and Wagon Dept., L. & Y. Railway, Newton Heath, Man- chester.
1880.	GODFREY, WILLIAM BERNARD	{ Beaconhill Park, Hindhead, Hasle- mere, Surrey.
1912.	GOLDINGHAM, ARTHUR HUGH	{ De la Vergne Machine Co., Foot East 138th Street, New York, U.S.
1877.	GOODBODY, ROBERT .. ..	{ Clashawaun Jute Factory, Clara, Moate, Ireland.

Date of Election  
and of Transfer.

1908.		{ GOODCHILD, WALTER CUL- LINGFORD .. .. .	{ Chief Mech. Engineer's Dept., Midland Rly., Derby.
1906. A.M.	M.)	{ GOODEVE, THOMAS EDWARD ..	{ Loco. Dept., G. S. & W. Rly., Inchicore, Dublin.
1914. M.)			
1875.		{ GOODFELLOW, GEORGE BEN ..	{ The Lowe, Buglawton, Congleton. Works Mgr., Lidgerwood Mfg. Co., Caixa do Correio 84, São Paulo, Brazil.
1901.		{ GOODIER, FRANK .. .. .	{ The University, Leeds.
1890.		{ GOODMAN, PROFESSOR JOHN ..	{ The University, Leeds.
1904. A.M.)	M.)	{ GOODYEAR, WILLIAM .. .. .	{ Park House, Gravesend.
1913. M.)			
1889.		{ GOOLD, WILLIAM TOM .. .. .	{ Station Road, Gloucester. [ <i>Goold,</i> <i>Gloucester.</i> 933.]
1907. A.M.)	M.)	{ GORE, GEORGE ERNEST .. .. .	{ Messrs. Cochran & Co., Ormesby Iron Works, Middlesbrough.
1912. M.)			
1912.		{ GOSLETT, FRANCIS JOSEPH ..	{ 30 Earlsthorpe Rd., Sydenham, S.E. Managing Director, Messrs. Loudon Brothers, Clyde Engineering Works, Johnstone.
1912.		{ GOUDIE, ROBERT .. .. .	{ Engineering Laboratory, Uni- versity College, Gower Street, W.C.
1902. A.M.)	M.)	{ GOUDIE, WILLIAM JOHN ..	{ Highclere, Carline Road, Lincoln.
1911. M.)			
1912.		{ GRAHAM, ARTHUR JOHN WOOD	{ Aiuta, 9 Kitson Road, Barnes, S.W.
1902.		{ GRAHAM, CHARLES KNOTT ..	{ Messrs. Read & Campbell, 109 Victoria Street, Westminster, S.W.
1898. A.M.)	M.)	{ GRAHAM, HUBERT BERGER ..	{ National Boiler & General Insee. Co., St. Mary's Parsonage, Man- chester.
1904. M.)			
1907. A.M.)	M.)	{ GRAHAM, JAMES .. .. .	{ Cragwood House, Horsforth, Leeds.
1913. M.)			
1901.		{ GRAHAM, JESSE .. .. .	{ Stroud House, Freshwater, I.W.
1894. A.M.)	M.)	{ GRAHAM, MAURICE .. .. .	{ Ponce, Porto Rico.
1896. M.)			
1896.		{ GRAHAM, ROBERT .. .. .	{ Managing Director, Messrs. John Hastie and Co., Kilblain Engine Works, Nicholson St., Greenock. [ <i>Hastie, Greenock.</i> 133.]
1900. A.M.)	M.)	{ GRAHAM, WALTER .. .. .	{ 5 Queen Anne's Gate, Westminster, S.W. [ <i>Grallator, London. West-</i> <i>minster</i> 656.]
1905. M.)			
1900.		{ GRAHAM, WILLIAM VAUX ..	{ c/o C. A. MacDonald, Hercules Refrigeration, 63 Pitt St., Sydney, N.S.W.
1904.		{ GRANGE, ROBERT BURNS ..	{ Dunnikier Foundry, Kirkcaldy. [ <i>Douglas, Kirkcaldy.</i> 105.]
1900.		{ GRANT, LEWIS .. .. .	{ 25 de Mayo 158, Buenos Aires, Arg. Rep.
1886. G.)	M.)	{ GRANT, PERCY .. .. .	{ Board of Trade Surveyors' Office, Cork.
1892. M.)			
1891.		{ GRAY, GEORGE MACFARLANE ( <i>Life Member</i> ) .. .. .	{ 47 Polwarth Gardens, Edinburgh.
1905.		{ GRAY, JAMES .. .. .	{ Valverdé, Babbacombe Rd., Tor- quay.
1879.		{ GRAY, THOMAS LOWE ( <i>Life</i> <i>Member</i> ) .. .. .	{ Estacion los Talleres, F.C. del Sud, Buenos Aires, Arg. Rep.
1900.		{ GREAVEN, ANDREW AUGUSTINE	

Date of Election  
and of Transfer.

1898.	GREAVERN, LOUIS .. .. .	{ Buenos Aires Great Southern Rly., Plaza Constitucion, Buenos Aires, Arg. Rep.
1902.	GREAVER, WILLIAM .. .. .	{ 28 Bond Street, Leeds. [1195.]
1911.	GREEN, ALFRED ERNEST .. .. .	{ Messrs. Dick, Kerr and Co., Strand Road, Preston.
1914.	{ GREEN, Eng. Commander	{ H.M.S. "Lion," c/o Postmaster
	{ DONALD PERCY, R.N. .. .. .	{ General, E.C.
1861.	GREEN, Sir EDWARD, Bart. .. .. .	{ Phoenix Works, Wakefield.
1903.	GREEN, EDWARD WILLIAM .. .. .	{ Messrs. R. & H. Green and Silley Weir, Blackwall Yard, Blackwall, E. [Green, Blackwall, London. Eastern 309.]
1907.	GREEN, HENRY .. .. .	{ Supt., Lloyd's Proving House, Netherton, Dudley.
1911.	{ GREEN, HENRY JOSEPH KERST- ING .. .. .	{ 131-3 Middlesex Street, Bishops- gate, E. [Former Member 1888- 1898.]
1899. A.M.)	GREEN, JOHN SINGLETON .. .. .	{ Municipal Offices, Haslingden, Manchester.
1911. M.)		
1893.	GREEN, WILLIAM PENROSE .. .. .	{ Messrs. Thomas Green & Son, Smithfield Iron Works, Leeds. [Smithfield, Leeds. Central 158.]
1914.	GREGORY, GEORGE WRIGHT .. .. .	{ General Manager, Messrs. Kendall and Gent, Victoria Works, Belle Vue, Manchester.
1907.	GREGG, JAMES SIME .. .. .	{ Lindean, Perth Road, Dundee.
1892.	GRESHAM, HARRY EDWARD .. .. .	{ Craven Iron Works, Salford, Man- chester. [Brake, Manchester. 613.]
1907.	GRESLEY, HERBERT NIGEL .. .. .	{ Locomotive Eng., G.N.Rly., Don- caster.
1895.	GRIFFITH, PERCY .. .. .	{ 20 Victoria St., Westminster, S.W. [Colenga, London. Victoria 5913.]
1908.	GRIFFITH, THOMAS HENRY .. .. .	{ 15 Boulevard Laferrière, Algiers.
1912.	GRIFFITHS, ERNEST .. .. .	{ Messrs. Dargue, Griffiths & Co., Phoenix Works, 138-140 Vauxhall Rd., Liverpool.
1873. A.)	GRIFFITHS, JOHN ALFRED .. .. .	Nanango, Queensland.
1874. M.)		
1900. A.M.)	GRIFFITHS, WILLIAM JOHN .. .. .	{ Genl. Manager, Messrs. McKenzie & Holland, Semaphore Iron Works, Newport, Melbourne, Victoria.
1902. M.)		
1907.	GRIGGS, WILLIAM JAMES .. .. .	{ Loco. Carr. & Wagon Supt., Govt. Rly., Kingston, Jamaica.
1906.	GRIMSHAW, GEORGE WILLIAM .. .. .	{ Managing Director, Messrs. Peter Pilkington, Dowry Iron Works, Bamber Bridge, Preston.
1906.	GRINDLEY, JOHN HENRY, D.Sc. .. .. .	{ The Studio, College Road, Cork.
1913.	GROVE, EDMUND PHILIP .. .. .	{ Messrs. Merz and McLellan, Collins House, Collins St., Melbourne, Victoria.
1898.	GROVER, FREDERICK .. .. .	{ Forgrove Machinery Co., Admiral St., Dewsbury Rd., Leeds. [For- grove, Leeds. 743.]
1907.	GROVES, WILLIAM RICHARD .. .. .	{ Supt. Eng., G.N. Steamship Fishing Co., St. Andrew's Dock, Hull.

Date of Election  
and of Transfer.

1898.		GUEST, CHARLES HENRY ..	{ 134 London Rd., Derby. [ <i>Garage, Derby. Derby 47 Y.</i> ]
1884.		GULLAND, JAMES KER .. ..	{ Diamond Drill Co., 8 Victoria St., Westminster, S.W. [ <i>Gulland, London.</i> ]
1870.		{ Gwynne, James Eglinton Anderson ( <i>Life Member</i> ) ..	{ Folkington, Polegate, R.S.O., Sussex.
1911.		Gwynne, Nevile Gwyn ..	{ Messrs. Gwynnes Ltd., Hammer-smith Iron Works, Hammer-smith, W.
1902.		HAARER, ERNEST DU CHAILLU	{ London Hydraulic Power Co., Hatfield St., Southwark, S.E.
1904. A.M.}	}	HADEN, CHARLES INGHAM ..	{ St. George's Works, Trowbridge. [ <i>Haden, Trowbridge. 2.</i> ]
1910. M.)			
1904.		HADEN, WILLIAM NELSON ..	{ Messrs. G. N. Haden & Sons, St. George's Works, Trowbridge. [ <i>Haden, Trowbridge. 2.</i> ]
1888.		{ HADFIELD, Sir ROBERT ABBOTT, D.Sc., D.Met., F.R.S. ( <i>Member of Council</i> )	{ Hecla Works, Sheffield. [ <i>Hadfield, Sheffield</i> ]; and 22 Carlton House Terrace, S.W. [ <i>Regent 107.</i> ]
1910.		HADLEY, WALTER .. .. .	{ Messrs. Edwin Danks & Co. (Old-bury), Oldbury, Birmingham.
1902.		HAGGIE, ROBERT HOOD ..	{ Tyne Holme, Wealdstone, S.O., Middlesex.
1895. A.M.}	}	HAINES, CHARLES JAMES ..	{ Rogate House, Worple Road, Wimbledon, S.W.
1901. M.)			
1907.		HAIR, CHARLES LOGAN .. ..	{ Chief Eng., Cruiser "Almirante Gran," Callao, Peru.
1905. A.M.}	}	HALL, ARTHUR HENRY .. ..	{ Mechanical Engineer's Office, Royal Arsenal, Woolwich.
1906. M.)			
1894.		HALL, HENRY PLATT .. .. .	{ Messrs. Platt Brothers & Co., Hartford New Works, Oldham.
1911. A.M.}	}	HALL, JAMES COCHAR .. ..	P.O. Box 768, Durban, Natal.
1914. M.)			
1881.		HALL, JOHN PERCY .. .. .	{ Carville, Lawrie Park Rd., Sydenham, S.E.
1882.		HALL, JOHN WILLIM .. .. .	{ 71 Temple Row, Birmingham.
1903.		HALL, JOSHUA .. .. .	{ Kingston Mills, Hyde.
1890.		HALL, OSCAR STANDRING ..	{ Hope Foundry, Bury, Lancs.; and 1 Tenterden St., Bury, Lancs.
1910. A.M.}	}	HALL, SIDNEY ZALESKI .. ..	{ Hamside, Poole. [ <i>Inventions, Poole.</i> ]
1914. M.)			
1874.		HALL, THOMAS BERNARD ..	{ King's Court, Colmore Row, Birmingham; and Ingleside, Sandon Rd., Edgbaston, Birmingham. [ <i>Tamar, Birmingham.</i> ]
1912.		HALL, WILLIAM .. .. .	{ 127 Kingfield Road, Orrell Park, Liverpool.
1895. G.}	}	HALL, Eng. Commander WIL- LIAM BRASIER, R.N. .. ..	{ H.M.S. "Venerable," 5th Battle Squadron, c/o Postmaster General, E.C.
1900. M.)			



Date of Election  
and of Transfer.

1889.	HALL-BROWN, EBENEZER ..	Messrs. Richardsons, Westgarth & Co., Middlesbrough.
1871.	HALPIN, DRUITT .. .. .	Carlton House, 45 Harvard Rd., Gunnersbury, W.
1898.	{ HALSTEAD, ARTHUR FRED- ERICK .. .. . }	Huntly Lodge, Sale, Manchester.
1895.	HALSTEAD, JOHN HENRY ..	La Administracion, F.C. Central del Uruguay, Monte Video, Uruguay.
1900.	HAMBLY, JOHN .. .. .	Kalk Bay House, Kalk Bay, <i>via</i> Cape Town, Cape Colony.
1907. A.M.)	HAMBLY, PERCY NOEL .. ..	The Coppée Co. (Gt. Britain), King's House, Kingsway, W.C.
1912. M.)		
1903.	HAMILTON, GEORGE CLAUDE ..	Oatlands, Burley, Leeds.
1909.	HAMILTON, HUGH PRIMROSE	Messrs. Blair & Co., Stockton-on- Tees.
1905. A.M.)	HAMILTON, JAMES ALEXANDER	Manager, Central Engine Works, Singapore, Straits Settlements.
1913. M.)		
1901. G.)	HAMILTON, Eng. Lieut. JOHN, R.N. .. .. .	H.M.S. "Blonde," 4th Battle Squadron, c/o Postmaster Gene- ral, E.C.
1904. M.)		
1904.	HAMILTON, WILLIAM DAVID ..	59 Bath St., Glasgow. [3973.]
1899.	HAMMOND, ROBERT .. .. .	64 Victoria St., Westminster, S.W. [ <i>Hammond, London. Victoria</i> 394.]
1875.	HAMMOND, WALTER JOHN ..	The Grange, Knockholt, Seven- oaks.
1886.	HANBURY, JOHN JAMES .. ..	Edgeley, 141 Walm Lane, Cricke- wood, N.W.
1912.	HANDOLL, HENRY .. .. .	Genl. Manager, Albany Engineer- ing Works, 80 Ossory Rd., Old Kent Rd., S.E.
1901. A.M.)	HANNING, WILLIAM .. .. .	17 Rue de Maubeuge, Paris. ♦
1911. M.)		
1912.	HARBOTTLE, JOHN .. .. .	Chief Eng., De Beers Consoli- dated Mines, Kimberley, Cape Colony.
1891.	HARCOURT, OTTO SIMON HENRY	Messrs. Steel, Peech & Tozer, Corn- hill Chbrs., Collins St., Mel- bourne, Victoria.
1912.	{ HARDING, WALLACE ALAN DOUGLAS .. .. . }	Works Manager, Rio Tinto Co., Huelva, Spain.
1881.	{ HARDINGHAM, GEORGE GATTON MELHUISE .. .. . }	Clun House, Surrey St., W.C. [ <i>Hardingham, London.</i> ]
1894. A.M.)	HARDY, WILLIAM .. .. .	Brookside, Newry, Ireland.
1910. M.)		
1908.	{ HARDY, WILLIAM EDWARD (Life Member) .. .. . }	11/2 Praterstrasse 46, Vienna, Austria.
1888.	HARKEE, WILLIAM .. .. .	Messrs. Harker Cable & Co., 110 Cannon St., E.C. [ <i>Araroccy,</i> <i>London.</i> ]
1909.	HARLAND, HENRY PEIRSON ..	Messrs. Harland & Wolff, Ship- building & Engineering Works, Govan, Glasgow.
1898.	HARLOCK, EDWARD BAKER ..	Newton House, Middlewich.
1894.	HARMER, OSCAR .. .. .	Messrs. Alfred Herbert & Co., Coventry; and Dalhousie, Spencer Park, Coventry.

Date of Election  
and of Transfer.

1913.	HARNETT, WILLIAM FALKNER	{ Deputy Loco. Carr. and Wagon Supt., Eastern Bengal State Rly., Kanchrapara, India.
1906. A.M.	{ HAROLD, Eng. Lieut.-Commr.	{ H.M.S. "Assistance," c/o Post- master General, E.C.
1911. M.	{ HAROLD FRANCIS, R.N. ..	
1899.	HARRAP, GEORGE THOMAS ..	{ 5 Budge Row, Cannon Street, E.C.
1891.	HARRIS, GORDON .. .. .	{ 98 Gray's Inn Rd., W.C.
1873.	{ HARRIS, RICHARD HENRY ( <i>Life</i> <i>Member</i> ) .. .. .	{ Oak Hill, Surbiton, R.O., Kingston- on-Thames.
1877.	HARRIS, WILLIAM WALLINGTON	{ Leacroft, 19 Kings Road, Bourne- mouth.
1898. A.M.}	HARRISON, FRANK .. .. .	{ Messrs. Marshall, Sons & Co., Bombay.
1898. M.}		{ Messrs. D. Young & Co., 11 and 12 Southampton Bldgs., W.C. [ <i>Junkring, London. Holborn</i> <i>893.</i> ]
1888.	HARRISON, GEORGE .. .. .	{ Messrs. D. Young & Co., 11 and 12 Southampton Bldgs., W.C. [ <i>Junkring, London. Holborn</i> <i>893.</i> ]
1889. G.}	HARRISON, Major GILBERT	{ Fort William, Calcutta.
1891. M.}		
1885.	HARRISON, JOSEPH .. .. .	{ Thorncliffe, Hyde.
1891.	{ HARRISON, JOSEPH HUTCHIN- SON .. .. .	{ 2 Exchange Place, Middlesbrough.
1887.	HARRISON, THOMAS HENRY ..	{ Messrs. Davey, Paxman and Co., 78 Queen Victoria St., E.C.
1912.	HARROP, FRANK HAROLD ..	{ Stafford Coal & Iron Co., Stoke-on- Trent.
1910.	HART, CHARLES FREDERIC ..	{ c/o "New York Times," New York, U.S.
1883.	HART, FREDERICK .. .. .	{ 36 Prospect St., Poughkeepsie, N.Y., U.S.
1905. A.M.}	HARTLEY, RICHARD FREDERICK	{ Asst. Mech. Eng., Royal Arsenal, Woolwich.
1915. M.}		
1901.	HARTLEY, WILLIAM ARCHBOLD	{ 21 Mosley Street, Newcastle-on- Tyne. [ <i>Central 2739.</i> ]
1872.	HARTNELL, WILSON .. .. .	{ Volt Works, Leeds. [ <i>Hartnell,</i> <i>Leeds. 282.</i> ]
1906.	{ HARTNESS, JAMES ( <i>Life</i> <i>Member</i> ) .. .. .	{ President, Jones & Lamson Ma- chine Co., Springfield, Vermont, U.S.
1883.	HARVEY, Sir ROBERT .. .. .	{ Dundridge, Totnes.
1897.	HARVEY, ROBERT .. .. .	{ Oaklands, Sherbrooke Avenue, Pollokshields, Glasgow.
1881.	HASLAM, Sir ALFRED SEALE ..	{ Union Foundry, Derby. [ <i>Zero,</i> <i>Derby.</i> ]
1901. G.}	HASLAM, SIDNEY BERTRAM ..	{ 11 Windsor Place, Cardiff. [ <i>Thor,</i> <i>Cardiff. 2978.</i> ]
1906. A.M.}		
1911. M.}		
1898.	HASLAM, WILLIAM GILBERT ..	{ Union Foundry, Derby.
1902.	HASWELL, FREDERICK JOHN ..	{ Hull Hydraulic Power Co., Machell St., Hull.
1913.	HASWELL, WILLIAM SPENCE	{ Milburn House, F. Floor, New- castle-on-Tyne.
1899.	HATCH, WILLIAM THOMAS ..	{ Eng.-in-Chief, Metrop. Asylums Board, Sheffield House, Sheffield St., W.C.
1885.	HATTON, ROBERT JAMES ..	{ Henley's Telegraph Works, N. Woolwich, E.

Date of Election  
and of Transfer.

1896. A.M.	}	HAWES, DAVID MARC ANDREW	} 99 Mansell St., Aldgate, E.
1910. M.		GRAHAM .. .. .	
1908.	}	HAWKE, GEORGE RICHARD	} Supt. Eng., Goldfields Water Supply, Perth, Western Australia.
		WILLIAM .. .. .	
1903. G.	}	HAWKINS, EUSTACE FELLOWES	} Capt., 2nd Indian Corps Ammunition Park, Expeditionary Force.
1907. A.M.			
1911. M.			
1892.		HAWKINS, RUPERT SKELTON ..	} Loco. and Carr. Supt., Assam and Bengal Rly., Pahartali P.O., Chittagong, India.
1905.		HAWKINS, THOMAS WHITEHEAD	} Manager, Messrs. John and William McNaught, St. George's Foundry, Rochdale.
1861.		HAWKINS, WILLIAM BAILEY ..	} 144 Palmerston House, Bishopsgate Street, E.C.
1870.	}	HAWKSLEY, CHARLES ( <i>Member of Council</i> ) .. .. .	} Caxton House, Westminster, S.W.
1900.		HAWKSLEY, KENNETH PHIPSON	
1905. A.M.	}	HAY, JOHN ANGUS .. .. .	} Messrs. Dick, Kerr & Co., Apartado 80, Las Palmas, Canary Islands.
1909. M.			
1882.		HAYES, EDWARD .. .. .	} Watling Works, Stony Stratford. [ <i>Hayes, Stony Stratford.</i> ]
1879.		HAYES, JOHN .. .. .	} 12 Market St., Carnarvon.
1902.	}	HAYWARD, THOMAS WILLIAM	} Boro' Surveyor, Municipal Bldgs., Lavender Hill, Battersea, S.W.
		ALFRED .. .. .	
1904. A.M.	}	HEAD, HENRY COLEMAN .. ..	} Engineer and General Manager, Winchester Water and Gas Co., 19 Staple Garden, Winchester.
1914. M.			
1913.		HEAP, ARTHUR CECIL .. ..	} 48 Westminster Palace Gdns., Victoria St., Westminster, S.W.
1890. G.	}	HEAP, RAY DOUGLAS THEODORE	} Kingsway House, Kingsway, W.C.
1891. M.			
1905. A.M.	}	HEARN, CHARLES HANBURY ..	} Asst. Inspector of Machy., Mines Dept., P.O. Box 1032, Durban, Natal.
1909. M.			
1898.		HEARSON, HUGH REGINALD ..	} Kiangnan Arsenal, Shanghai, China.
1898.		HEATH, ASHTON MARLER ..	} Office of the Crown Agents for the Colonies, Whitehall Gdns., S.W.
1899.		HEATH, ELIJAH ARTHUR ..	} Messrs. Dick, Kerr & Co., Abchurch Yard, Cannon St., E.C.
1889.		HEATH, GEORGE WILSON ..	} Messrs. Heath & Co., Observatory Works, Crayford, Kent.
1903. A.M.	}	HEATH, JAMES FOX .. ..	} Tata Hydro-Electric Power Supply Co., Navsari Bldgs., Fort, Bombay.
1903. M.			
1888.		HEATLY, HARRY .. ..	} Messrs. Heatly and Gresham, 110 Cannon St., E.C.; and The Hoo, Hitchin.
1897.		HEATON, CHARLES .. ..	} Brades Steel Works, near Birmingham. [ <i>Brades, Birmingham.</i> ]
1913.		HEATON, THOMAS TANNETT ..	} Genl. Manager, Steel Barrel Co., Phoenix Wharf, Uxbridge.
1905. A.M.	}	HEATON, WILLIAM HENRY ..	} General Electric Co., Witton, Birmingham.
1909. M.			
1875.		HEENAN, HAMMERSLEY .. ..	} 4 Chapel Walks, Manchester. [ <i>Heenan, Manchester.</i> 964 and 966.]

Date of Election  
and of Transfer.

1879.		{ HELE-SHAW, HENRY SELBY, LL.D., D.Sc., F.R.S. ( <i>Member of Council</i> ) .. .. .	{ 64 Victoria St., Westminster, S.W. [ <i>Heleshawce, London. Victoria 1291.</i> ]
1906. A.M.	}	HEMMINGS, HENRY FRANCIS	Messrs. Willans & Robinson,
1911. M.		LEWIS .. .. .	Victoria Works, Rugby.
1907.		HENDERSON, HENRY ESDON ..	Messrs. C. and H. Crichton, 4-10 Derby Rd., Kirkdale, Liverpool.
1910. A.M.	}	HENDERSON, PHILIP .. ..	Messrs. Livesey, Son and Hender- son, 14 South Place, E.C.
1912. M.			
1912.		HENDRY, ROBERT BELL .. ..	Messrs. John H. Wilson & Co., 15 Victoria St., Westminster, S.W. [ <i>Drague, London.</i> ]
1879. G.	}	HENRIQUES, CECIL QUIXANO..	22 Grosvenor Road, Chiswick, W.
1881. M.			
1904.		HENRY, HUBERT DECIMUS ..	9 Cavendish Rd., Red Hill, Surrey.
1907.		HEPPER, JOSEPH .. .. .	Machine-Tool Works, Coventry; and Fieldgate Lane, Kenilworth. [ <i>Lathe, Coventry. 52.</i> ]
1900.		HEPWORTH, JOHN WILLIAM ..	McLeod Rd., Karachi, India. [ <i>Herman, Karachi. 47.</i> ]
1892.		{ HERBERT, ALFRED ( <i>Member of Council</i> ) .. .. .	69 Victoria St., Westminster, S.W.
1894.		HERMAN, BENJAMIN RICHARD	Clarewood, Thorntonhall, Lanarks.
1884.		HERNU, ARTHUR HENRY ..	Watchung, New Jersey, United States.
1894.		HERRIOT, WILLIAM SCOTT ..	Loco. Supt., Port Talbot Rly. and Docks Co., Port Talbot.
1898. A.M.	}	HERSCHMANN, ARTHUR JULIUS	Messrs. J. and E. Hall, Iron Works, Dartford. [ <i>Hesketh, Dartford.</i> ]
1905. M.			
1906.		HERTZ, ALBERT HOLGER ..	Asst. Loco. Supt., Govt. Railways, Lagos, West Africa.
1879. G.	}	HESKETH, EVERARD .. ..	Hopeville, Inverurie.
1882. M.			
1897.		{ HETHERINGTON, EDWARD PALMER .. .. .	c/o Y.M.C.A., 161 Paseo Colon, Buenos Aires, Arg. Rep.
1908. A.M.	}	HEWSON, CHARLES LYSAGHT	Calico Printers' Assoc., St. James's Bldgs., Oxford St., Man- chester.
1911. M.			BRUCE .. .. .
1906. A.M.	}	HEYWOOD, THOMAS EDWARD	Crown Iron Works, West Gorton, Manchester.
1908. M.			HETT .. .. .
1901. G.	}	HIBBERD, FREDERICK CHARLES	Rossland, Northwood, Middlesex.
1905. A.M.			
1912. M.			c/o Messrs. Alfred Herbert, Ma- chine-Tool Works, Coventry.
1885.		HICKEN, THOMAS .. .. .	
1901. A.M.	}	HIGGINBOTHAM, GEORGE ..	
1906. M.			
1912.		HIGGINBOTHAM, WALTER ..	
1894.		HIGGINBOTTOM, LLOYD .. ..	
1902.		HIGNETT, ARTHUR HOLLAND..	
1879.		HIGSON, JACOB.. .. .	
1903.		HILDRED, CHARLES WILLIAM	
1902. A.M.	}	HILDBRETH, WILLIAM AUGUS- TUS .. .. .	
1904. M.			

Date of Election  
and of Transfer.

1901.		HILL, ALFRED JOHN .. ..	{	Loco. Supt., G.E. Rly., Stratford, E.
1902.		HILL, EDMUND LEWIN .. ..	{	Siemens Brothers Dynamo Works Ltd., 196 Deansgate, Manchester.
1883.	G.}	HILL, JOHN KERSHAW .. ..	{	Eng. and Manager, West Surrey Water Works, Walton Bridge, Walton-on-Thames.
1894.	M.}			
1901.		HILL, JOSEPH .. ..	{	St. George's Engineering Works, Wood's Lane, Derby. [ <i>Hill, Derby.</i> 227.]
1912.		HILL, JOSEPH ALBERT .. ..	{	Ordnance Works, Sheffield.
1885.		HILL, ROBERT ANDERSON .. ..	{	14 Third Avenue, Hove, Sussex.
1909.		HILL, WILLIAM .. ..	{	Genl. Mgr., Midland Coal, Coke & Iron Co., Apedale, Newcastle, Staffs.
1890.		HILLER, EDWARD GEORGE .. ..	{	Chief Eng., National Boiler Insurance Co., St. Mary's Parsonage, Manchester. [ <i>Central</i> 2624.]
1899.		HILLER, HENRY KING .. ..	{	39 Victoria St., Westminster, S.W.
1912.		HILLMAN, CECIL ROBERT .. ..	{	Loco. Supt., São Paulo Railway, São Paulo, Brazil.
1913.		HINDE, GEORGE .. ..	{	352 Laprida, Buenos Aires, Argentine Republic.
1897.		HIRAOKA, HIROSHI .. ..	{	The Kisha Seizo Kwaisha, Kinshicho, Honjo, Tokyo, Japan.
1896.		HITCHCOCK, CYRIL .. ..	{	G.I.P. Railway Co., 5 Victoria St., Westminster, S.W.
1899.	A.M.}	HITCHINS, CHARLES FAUNCE	{	Messrs. Hitchins & Booth, 25 Victoria St., Westminster, S.W.
1901.	M.}			
1911.		HOBART, HENRY METCALF .. ..	{	General Electric Co., Schenectady, New York, U.S.
1898.		HOBBS, CHARLES JAMES .. ..	{	General Manager, Hydraulic Engineering Co., Chester.
1900.		HOBSON, JOHN EDWARD .. ..	{	22 Crosby Rd., Birkdale, Southport.
1896.		HODGES, MARCUS HENRY .. ..	{	City Basin Iron Works, Exeter.
1906.		HODGSON, PERCY FREDERICK	{	53 Victoria St., Westminster, S.W.
1910.		HODGSON, RICHARD BOWNESS	{	Manager, Messrs. Ashmore, Benson, Pease & Co., Parkfield Works, Stockton-on-Tees.
1898.	A.M.}	HODGSON, RICHARD BROOM .. ..	{	75 Riverdale Road, Ranmoor, Sheffield.
1911.	M.}			
1901.	A.M.}	HODSDON, GEORGE CHARLES .. ..	{	Messrs. J. and E. Hall, Dartford.
1913.	M.}			
1886.		HOLDEN, JAMES .. ..	{	Hermon House, 72 Hermon Hill, Wanstead, N.E.
1910.		HOLDEN, STEPHEN DEWAR .. ..	{	Woodstone, Watts Ave., Rochester.
1895.		HOLGATE, CHARLES HENZELL	{	5 Hilton Place, Leeds.
1908.	A.M.}	HOLL, WILLIAM ESPLIN .. ..	{	P.O. Box 53, Jinga, Uganda.
1914.	M.}			
1905.	A.M.}	HOLLIDAY, CHARLES EDWARD	{	Messrs. Hans Renold, Kingsway House, Kingsway, W.C.
1910.	M.}			
1895.		HOLLIDAY, JOHN .. ..	{	Messrs. A. Guinness, Son & Co., St. James' Gate Brewery, Dublin.
1894.	G.}	HOLLINGSWORTH, EDWARD	{	Kenwood, King's Road, St. Helens, Lancs.
1896.	A.M.}			
1907.	M.}			
1896.		HOLMAN, FREDERICK .. ..	{	Penzance Foundry, Penzance.

Date of Election  
and of Transfer.

1891.	HOLMAN, HUGH WILSON ..	{ Messrs. C. M. Burls and Partners, 4 Lloyd's Avenue, Fenchurch St., E.C. [ <i>Burlator, London.</i> ]
1899.	HOLMES, JOHN HENRY .. ..	{ Portland Rd., Newcastle-on-Tyne; and Wellburn, Jesmond, New- castle-on-Tyne.
1908.	HOLMES, JOSEPH CORNELIUS	{ "The Morning Post," 346 Strand, W.C.
1896.	HOLMES, PERCY FREDERICK..	{ Whitestone Iron Works and Turn- bridge Foundries, Huddersfield. [ <i>Holmes, Huddersfield.</i> 113.]
1903. A.M.)	HOLMES, RICHARD JOHN MON-	{ Corpn. Tramways, Manors, New- castle-on-Tyne.
1909. M.)	TAGUE .. .. .	
1903. A.M.)	HOLMES, ROBERT BLAKE	{ Deputy Loco. Supt., Nigerian Eastern Rly., Port Harcourt, Nigeria.
1912. M.)	WORSLEY .. .. .	
1892.	HOLMSTRÖM, CARL ALBERT ..	{ Morecroft, Epsom.
1906. A.M.)	HOLT, ROBERT BICKERSTAFFE	{ Eng., Highways and Permanent
1914. M.)		{ Way Dept., 155 Kirkstall Road, Leeds.
1888.	HOMAN, HAROLD .. .. .	{ Senlac, Hockering Rd., Woking. (Eldon Street House, 2 Eldon St., E.C. [ <i>Notromemoh, Ave, London.</i> <i>London Wall</i> 1013.]
1910.	HOME-MORTON, ANDREW ..	{ 153 St. Vincent St., Glasgow. [ <i>Counsel, Glasgow. Central</i> 9645.]
1892.	HOME-MORTON, DAVID .. ..	
1903.	{ HOMERSHAM, THOMAS HENRY COLLETT.. .. .	{ Works Manager, Messrs. Thwaites Brothers, Vulcan Iron Works, Bradford.
1898. A.M.)	HONIBALL, CHARLES ROLAND	{ 156-162 Boundary St., Liverpool. [ <i>Honiball, Liverpool. Central</i> 5583.]
1901. M.)		
1890.	HOOKEB, BENJAMIN.. .. .	{ Blackhorse Lane, Walthamstow, N.E.
1904.	HOOHAM, JOHN ALBERT ..	{ Works Manager, Loco. Works, N. Staffs. Rly., Stoke-on-Trent.
1902. A.M.)	HOPE, ALARIC .. .. .	{ Chief Eng., Cardiff Rly. Co., Car- diff.
1909. M.)		
1913.	HOPE, JAMES LAIDLAW ..	{ United Engineers, Singapore, Straits Settlements.
1914.	HOPKINS, CHARLES YEOMANS	{ Mechanical Products Co., Armoury Close, Bordesley Green, Birming- ham.
1900. G.)	HOPKINSON, ALLEN HAIGH ..	{ Britannia Works, Huddersfield. [ <i>Hopkinson, Huddersfield.</i> 169.]
1901. A.M.)		
1905. M.)		
1904.	{ HOPKINSON, Professor BER- TRAM, F.R.S. ( <i>Life Member</i> )	{ Engineering Laboratory, The Uni- versity, Cambridge.
1885.	HOPKINSON, CHARLES .. ..	{ Werneth Chbrs., 29 Princess St., Manchester.
1894.	{ HOPKINSON, EDWARD, D.Sc. ( <i>Vice-President</i> ) .. .. .	{ Park Works, Newton Heath, Man- chester; and Ferns, Alderley Edge, Cheshire.
1909.	HOPKINSON, FRANK ADDY ..	{ Messrs. J. Hopkinson & Co., Bri- tannia Works, Huddersfield.
1890.	HOPPER, JAMES RUSSELL ..	{ Messrs. William Hopper & Co., Moscow, Russia.

Date of Election  
and of Transfer.

1906. A.M.)	} HORNETT, WILLIAM GEORGE ..	{ Bengal-Nagpur Rly., Khargpur, Bengal, India.
1909. M.)		
1899.	HOSGOOD, OCTAVIOUS SIDNEY	{ Electric Light and Tramways Dept., Roath Power Stn., Roath, Cardiff.
1891. G.)	} HOSGOOD, WALTER JAMES ..	{ Chief Mech. Eng., Beira and Mashonaland Rly., Umtali, Rhod- esia.
1897. M.)		
1889.	HOSKEN, RICHARD .. .. .	{ P.O. Box 667, Johannesburg, Transvaal.
1902.	HOSKINS, GEORGE JOHN .. ..	{ Messrs. G. and C. Hoskins, Sydney, N.S.W.
1908.	HOUFE, WALTER WILLIAM ..	{ c/o Messrs. Gordon & Co., 110 Szechuen Rd., Shanghai, China.
1889.	HOUGHTON, THOMAS HARRY ..	{ 63 Pitt St., Sydney, N.S.W. [Expansion, Sydney.]
1907. A.M.)	} HOUNSFIELD, LESLIE HAY- WOOD .. .. .	{ Sunnybank, Duppas Hill Road, Croydon.
1914. M.)		
1909.	{ HOUSEMAN, CHARLES LAW- RENCE .. .. .	{ P.O. Box 322, Bulawayo, Rhodesia.
1912.	HOW, THOMAS WILLIAM .. ..	
1864.	HOWARD, ELIOT .. .. .	{ 17 Victoria St., Westminster, S.W. Messrs. Hayward Tyler & Co., 99 Queen Victoria St., E.C. [Tyle- rox, London. Bank 192.]
1904. A.M.)	} HOWARD, HENLEY LIONEL ..	{ M.A.N. Co., Caxton House, West- minster, S.W. Messrs. Hayward Tyler & Co., 99 Queen Victoria St., E.C. [Tyle- rox, London. Bank 192.]
1912. M.)		
1897.	HOWARD, HENRY FOX .. ..	{ Britannia Iron Works, Bedford; and The Grange, Kempston, Bedford.
1879. G.)	} HOWARD, JAMES HAROLD ..	{ Polnoon, Strandtown, Belfast. Inspecting Engineer, P.W.D., Sydney, N.S.W.
1889. M.)		
1911.	HOWARD, JOHN .. .. .	{ Brook Steel Works, Brookhill, Sheffield. [Howell, Sheffield.]
1896.	{ HOWARTH, ALFRED MONT- GOMERY .. .. .	{ Messrs. Lee Howl & Co., Tipton. [Howl, Tipton.]
1877.	HOWELL, SAMUEL EARNSHAW	
1902. G.)	} HOWELL, THOMAS BRAITH- WAITE .. .. .	{ Messrs. Hans Renold, Burnage Works, Didsbury, Manchester.
1904. A.M.)		
1914. M.)		
1882.	HOWL, EDMUND .. .. .	{ Messrs. Lee Howl & Co., Tipton. [Howl, Tipton.]
1877.	HOWLETT, FRANCIS .. .. .	{ 28 Victoria St., Westminster, S.W. [Brickpress, London.]
1887.	{ HOYLE, JAMES ROSSITER (Vice-President) .. .. .	{ Messrs. Thomas Firth & Sons, Norfolk Works, Sheffield.
1902. A.M.)	HUDSON, GERARD (Life Mem- ber) .. .. .	
1913. M.)	HUDSON, JOHN GEORGE .. ..	{ Chamberlain Bldgs., 221 Smith St., Durban, Natal.
1882.	HUDSON, WILLIAM .. .. .	{ Glenholme, Bromley Cross, Bolton.
1893.	HUDSON, WILLIAM .. .. .	{ Stocks Lane, Stalybridge.
1881.	{ HUGHES, EDWARD WILLIAM MACKENZIE .. .. .	{ 15 Priory Court, West Hampstead, N.W.
1899. A.M.)	HUGHES, FRANCIS EDWARD	
1911. M.)	HAROLD .. .. .	{ Messrs. Morrison & Co., 11 Queen Victoria St., E.C.
1899.	{ HUGHES, GEORGE (Member of Council) .. .. .	{ Chief Mech. Eng., Lancs. & Yorks. Rly., Horwich, Lancs.
1898. A.M.)	HUGHES, GEORGE HENRY ..	
1903. M.)		{ 97 Queen Victoria St., E.C. [Central 8154.]

Date of Election  
and of Transfer.

1889.		HUGHES, JOHN .. .. .	16 Victoria St., Westminster, S.W.
1891.		HUGHES, ROBERT M. .. ..	{ Bengal-Nagpur Rly., Khargpur, India.
1909.		HULL, JAMES HENRY .. ..	{ Chief Mech. Eng., Cordite Factory, Aruvankadu, Nilgiris, India.
1902.		HULLEY, RICHARD DODSON ..	{ Messrs. Royce Ltd., Trafford Park, Manchester. [ <i>Switch, Man- chester.</i> 4831.]
1906.		HUME, EDWARD SHOTTON ..	{ Chief Mech. Eng., W. Australian Govt. Rlys., Midland Junction, W. Australia.
1903.		HUMPAGE, THOMAS .. .. .	{ Messrs. Humpage, Thompson and Hardy, Jacob St., Bristol.
1899.		HUMPHREY, HERBERT ALFRED	{ 98 Victoria St., Westminster, S.W. [ <i>Gazanner, London.</i> ]
1900.		HUMPHREYS, HENRY HOWARD	28 Victoria St., Westminster, S.W.
1909.		HUMPHREYS, JAMES HULSE ..	{ Messrs. Braithwaite and Kirk, 36 Lime Street, E.C.
1866.	G. }	HUMPHRYS, ROBERT HARRY ..	Hurst Lea, Sevenoaks.
1872.	M. }		
1899.	A.M. }	HUNT, HENRY .. .. .	{ Messrs. G. J. Worsam & Son, Wenlock Rd., City Rd., N.; and Cotsford, Uplands Park, Enfield.
1904.	M. }		
1898.		HUNT, ROBERT WOOLSTON ..	1137 The Rookery, Chicago, Ill., U.S.
1901.		HUNT, WILLIAM .. .. .	{ The Machine Tool Co., Ltd., Nottingham.
1899.		HUNTER, GEORGE LEWIS ..	{ Messrs. T. and W. Smith, Guild- hall, Newcastle-on-Tyne.
1913.		{ HUNTER, GILBERT MACIN- TYRE .. .. .	{ Res. Eng., Nitrate Railways Co., Iquique, Chile.
1906.		HUNTER, JAMES ALEXANDER ..	{ Mech. Engineer's Dept., L. & S.W. Rly., Eastleigh Loco. Works, Hants.
1902.		HUNTER, SUMMERS .. .. .	{ Genl. Manager, N.E. Marine Engineering Co., Wallsend, R.S.O., Northumberland. [ <i>News, Wallsend.</i> ]
1901.	G. }	HURST, JOSEPH HENRY .. ..	{ 40 Fossdale Road, Millhouses, Sheffield.
1906.	A.M. }		
1915.	M. }		
1905.		HUTCHINS, WALTER JAMES ..	110 Rue du Ranelagh, Paris.
1912.		HUTTON, WILLIAM MACK ..	Kinghorn, Fife.
1894.	A.M. }	HYDE, GEORGE HERBERT MAC- CARTHY ( <i>Life Member</i> ) ..	{ Govt. Factory, Colombo, Ceylon.
1901.	M. }		
1907.		HYDE, PHILIP ARMBOID .. ..	{ Sir W. G. Armstrong, Whitworth & Co., Elswick Works, Newcastle- on-Tyne.
1914.		HYND, JOHN .. .. .	P.O. Box 4, Bulawayo, Rhodesia.
1913.		IDEN, WALTER JAMES .. ..	{ 3 Heath Mansions, Putney Heath Lane, S.W.
1909.		JEVRS, EYRE FRANCIS .. ..	{ 25 de Mayo 158, Buenos Aires, Arg. Rep.
1882.		INGHAM, WILLIAM .. .. .	{ 40 Blackfriars St., Manchester. [4681.]



Date of Election  
and of Transfer.

1895. A.M.}	INGHAM, WILLIAM .. .. .	.. .. .	{	Chief Eng., Rand Water Board,
1898. M.}				P.O. Box 1703, Johannesburg, Transvaal.
1888.	INGLEBY, JOSEPH .. .. .	.. .. .	{	20 Mount St., Manchester.
1905.	INGRAM, ALFRED .. .. .	.. .. .	{	Queen Anne's Chbrs., Westmin- ster, S.W.
1908.	INGRAM, SAMUEL .. .. .	.. .. .	{	County Surveyor, Whipton, Exeter.
1914.	INNES, WILLIAM BALBIERNIE ..	.. .. .	{	Res. Eng., Rangoon Municipality, Compressor Station, Rangoon, British Burma.
1907.	INNISS, JOHN JAMES .. .. .	.. .. .	{	31 Valentine Rd., King's Heath, Birmingham.
1883.	INSTONE, THOMAS .. .. .	.. .. .	{	31 Portchester Road, Bourne- mouth.
1910.	IRELAND, WILLIAM EDWARD ..	.. .. .	{	Rolling Stock Supt., L.C.C. Tram- ways, 62 Finsbury Pavement, E.C.
1892.	IRONS, THOMAS .. .. .	.. .. .	{	Clyde Engineering Co., Granville, New South Wales.
1914.	IRWIN, GEORGE CHARLES ..	.. .. .	{	Genl. Manager, Messrs. S. H. John- son & Co., Engineering Works, Carpenters Road, Stratford, E.
1887.	{IVATT, HENRY ALFRED ( <i>Mem-</i> <i>ber of Council</i> ) .. .. .}	.. .. .	{	St. Clair, Haywards Heath.
1907.	JACK, ALEXANDER .. .. .	.. .. .	{	Cameron St., Motherwell.
1909.	JACK, FREDERIC BARRIE ..	.. .. .	{	Worthington Pump Co., 153 Queen Victoria Street, E.C.
1884.	{JACKS, THOMAS WILLIAM MOSELEY .. .. .}	.. .. .	{	Messrs. William Beardmore & Co., Parkhead, Glasgow; and 13 Queensborough Gdns., Kelvin- side, Glasgow.
1907.	JACKSON, ALBERT .. .. .	.. .. .	{	United Alkali Co., Allhusen's Works, Gateshead.
1898.	JACKSON, ALGERNON BROOKER	.. .. .	{	16 Great Tower St., E.C.
1904.	JACKSON, GERALD HART ..	.. .. .	{	Chief Eng., Electric Light and Power Co., 25 Bridge St., North- ampton. [188.]
1900. A.M.}	JACKSON, HAROLD DRINK- WATER .. .. .	.. .. .	{	Caxton St., Anniesland, Glasgow.
1906. M.}				[ <i>Telemeter, Glasgow. Hillhead</i> 122.]
1899.	{JACKSON, Sir JOHN, M.P., LL.D., F.R.S.E. .. .. .}	.. .. .	{	53 Victoria St., Westminster, S.W. [ <i>Cofferdam, London.</i> ]
1909. A.M.}	JACKSON, JOHN WILLIAM ..	.. .. .	{	Newcastle-on-Tyne Electric Supply Co., Philadelphia Power Stn., Fence Houses.
1912. M.}				120 9th Street, Sunnyside, Calgary, Alberta, Canada.
1895.	JACKSON, ROBERT CATTLEY ..	.. .. .	{	Dunollie, Scotland Lane, Hors- forth, Leeds.
1886.	JACKSON, THOMAS .. .. .	.. .. .	{	Thorn Grove, Mannofield, Aber- deen.
1889.	JACKSON, WILLIAM .. .. .	.. .. .	{	

Date of Election  
and of Transfer.

1876.		JACOBS, CHARLES MATTATHIAS	{ 78 Gracechurch St., E.C. [ <i>Vexillum, London.</i> ]
1878.		{ JAKEMAN, CHRISTOPHER JOHN WALLACE .. .. .	{ Larkfield, St. James' Road, Hamp- ton Hill, Middx.
1911.		JAMES, ALFRED .. .. .	{ Dist. Loco. Supt., Assam & Bengal Rly., Pahartali, Chittagong, India.
1900.		JAMES, CHARLES, JUN. .. ..	{ Messrs. Richard Hornsby & Sons, Spittlegate Iron Works, Gran- tham.
1889.		JAMES, CHARLES WILLIAM ..	{ British Oxygen Works, Walker Gate, Newcastle-on-Tyne.
1895.		JAMES, CHRISTOPHER WILLIAM	{ Messrs. Joshua Buckton & Co., Well House Foundry, Meadow Rd., Leeds.
1889.		JAMES, REGINALD WILLIAM ..	{ 1 Queen Victoria St., E.C. [ <i>Lode- stone, London. Bank 317.</i> ]
1899.		JAMES, THOMAS .. .. .	{ Carr. and Wagon Dept., Mid. Rly., Derby.
1898. A.M.}	}	JAMES, WILLIAM HENRY ..	{ Principal, College of Engineering, Chepank, Madras, India.
1901. M.}			
1902. A.M.}	}	JAMES-CARRINGTON, HENRY ..	{ Winchester House, Victoria Sq., Birmingham; and Hollies, Poplar Avenue, Edgbaston, Birming- ham.
1914. M.}			
1888.		{ JAQUES, Captain WILLIAM HENRY .. .. .	{ Little Boar's Head, New Hamp- shire, U.S.
1912.		JARMAIN, EDWARD ALBERT ..	{ Hilderstone, Church St., Cannock, Staffs.
1902. A.M.}	}	JARVIS, RICHARD .. .. .	{ Kia Ora, 304 Lr. Broughton Rd., Lower Broughton, Manchester.
1906. M.}			
1910.		JEFFCOTT, HENRY HOMAN ..	{ Royal College of Science, Dublin.
1901.		JEFFERIES, HAROLD SELLIS ..	{ Orwell Works, Ipswich. [ <i>Ransomes, Ipswich. 11.</i> ]
1881.		JEFFERISS, THOMAS .. .. .	{ Messrs. Tangyes, Cornwall Works, Soho, Birmingham. [ <i>Tangyes, Birmingham.</i> ]
1877. G.}	}	JEFFREYS, EDWARD HOMER ..	{ Monk Bridge Iron and Steel Co., Leeds.
1882. M.}			
1902.		JEFFREYS, JOHN .. .. .	{ Barrons Place, Waterloo Rd., S.E.
1893.		{ JENKIN, Professor CHARLES FREWEN .. .. .	{ 14 Lathbury Rd., Oxford.
1893. A.M.}	}	JENKIN, CHARLES JAMES ..	{ Eng. and Surveyor, Urban District Council, Finchley, N.
1911. M.}			
1894.		JENKIN, THOMAS HENRY ..	{ Messrs. J. Jamieson & Co., Queen's Dock Chbrs., Hull. [ <i>Propeller, Hull. 94.</i> ]
1880. G.}	}	JENKINS, RHYS .. .. .	{ 88 Southwood Avenue, Highgate, N.
1886. M.}			
1893.		JENNINS, HENRY HORWOOD ..	{ 180 Chapeltown Road, Leeds.
1878.		JENSEN, PETER .. .. .	{ 77 Chancery Lane, W.C. [ <i>Venture, London.</i> ]
1910.		JOBSON, GEORGE .. .. .	{ Messrs. Harrison, Son & Jobson, 2 Exchange Place, Middles- brough.
1897. A.M.}	}	JOHNS, COSMO .. .. .	{ Messrs. Vickers Ltd., River Don Works, Sheffield.
1901. M.}			
1907.		JOHNS, JOHN HENRY .. ..	{ Thorsden, Guildford Road, Woking.

Date of Election and of Transfer.			
1906. A.M.	}	JOHNSON, ALFRED .. .. .	Wilbury, Seaford, Sussex.
1913. M.			
1896. A.M.			
1900. M.	}	JOHNSON, ANDREW .. .. .	Heathbank Villa, Lenzie, Glasgow.
1905.			
1896. G.	}	JOHNSON, HENRY HOWARD ..	Mang. Director, Consolidated Pneumatic Tool Co., Palace Chbrs., 9 Bridge Street, Westminster, S.W.
1903. A.M.			
1910. M.			
1906.	}	JOHNSON, HENRY THEOPHILUS	Canadian - American Linotype Corpn., 8 Bouverie St., Fleet St., E.C.
1890.			
1891.	}	JOHNSON, JOHN WILLIAM ..	Moorfields House, York Street, Clitheroe.
1891.			
1891.	}	JOHNSON, LACEY ROBERT ..	Assist. Supt. of Rolling Stock, C.P. Rly., Montreal, Canada.
1888.			
1888.	}	JOHNSON, LAWRENCE POTTER	The Churtwynde, Hindhead, Haslemere, Surrey.
1914.			
1911.	}	JOHNSON, WILLIAM .. .. .	Manchester Ship Canal Co., 41 Spring Gardens, Manchester. [Former Member 1886-1889.]
1906.			
1900. A.M.	}	JOHNSTON, ALEXANDER .. .. .	Supt., P. W. D., Sandakan, Brit. North Borneo.
1904. M.			
1896.	}	JOHNSTON, CHARLES MORISON	Boro' Electrical Eng., Electricity Works, Shrewsbury.
1896.			
1896.	}	JOHNSTON, JAMES .. .. .	Chief Eng., Corpn. Water Works, 12 Bond St., Brighton. [140.]
1907.			
1907.	}	JOLLY, CHARLES EUSTACE ..	Midland Hotel, Birmingham.
1911.			
1911.	}	JONES, ALBERT EDWARD ..	Whitehead Torpedo Works, Fiume, Hungary.
1890. G.			
1899. A.M.	}	JONES, ARTHUR DANSEY ..	Outdoor Loco. Supt., S.E. & C. Rly., London Bridge, S.E.
1905. M.			
1891.	}	JONES, CHARLES FREDERICK	104 Chorley New Road, Bolton.
1911.			
1911.	}	JONES, CHARLES LEWIS ..	Chief Mech. Eng., Messrs. D. Davis and Sons, Ferndale, Rhondda, Glam.
1873.			
1873.	}	JONES, EDWARD ( <i>Life Member</i> )	Broomfield House, Perry Barr, Birmingham.
1907.			
1906. A.M.	}	JONES, EDWARD .. .. .	Corpn. Gas Works, Burslem.
1914. M.			
1912.	}	JONES, FREDERICK .. .. .	204 Albany Road, Cardiff. [ <i>Abbey, Cardiff.</i> ]
1912.			
1912.	}	JONES, FREDERICK MONK-HOUSE .. .. .	Marine and Eng. Supt., Messrs. Cosens & Co., Weymouth. [269.]
1878.			
1878.	}	JONES, FREDERICK ROBERT ..	Silverthorn, Camden Park, Tunbridge Wells.
1903.			
1903.	}	JONES, GEORGE PHILLIPS ..	Works Manager, Britannia Foundry, Loughborough; and 65 Forest Rd., Loughborough.
1878.			
1878.	}	JONES, HARRY EDWARD ..	142-3 Palace Chbrs., Bridge St., Westminster, S.W.
1881.			
1881.	}	JONES, HERBERT EDWARD ..	Loco., Carr. & Wagon Supt., Cambrian Rlys., Oswestry.

Date of Election  
and of Transfer.

1882.	JONES, SAMUEL GILBERT ..	{	Steanbridge House, near Stroud, Glos.
1887.	JONES, THOMAS .. .. .	{	Municipal School of Technology, Sackville St., Manchester; and 4 Manley Road, Alexandra Park, Manchester.
1900.	JONES, WALTER .. .. .	{	Titan Works, Stourbridge.
1883.	JORDAN, EDWARD .. .. .	{	Manager, Cardiff Junction Dry Dock and Engineering Works, Cardiff.
1891.	JORDAN, HENRY GEORGE ..	{	Municipal School of Technology, Sackville St., Manchester; and 6 Manley Rd., Whalley Range, Manchester.
1910.	JOUGHINS, GEORGE ROBERT ..	{	Supt. of Motive Power, Canadian Govt. Rlys., Moncton, New Bruns- wick, Canada.
1913.	JOY, BASIL HUMBERT ..	{	28 Victoria Street, Westminster, S.W.
1891.	JUDD, JOSEPH HENRY .. ..	{	The Yews, Heaton Moor, Stock- port.
1911.	JUDE, ALEXANDER ARCHIE ..	{	90 Trafalgar Rd., Moseley, Bir- mingham.
1912.	JULIUS, GEORGE ALFRED ..	{	Norwich Chambers, Sydney, New South Wales.
1884.	JUSTICE, HOWARD RUDULPH..	{	29 Lancaster Rd., West Dulwich, S.E.
1911.	KANTHACK, FRANCIS EDGAR ..	{	P.O. Box 444, Pretoria, Trans- vaal.
1888.	KAPTEYN, ALBERT .. .. .	{	47 Van Lennepweg, The Hague, Holland.
1912.	KAYE, LOUIS JAMES .. .. .	{	Messrs. Alfred Herbert (France), 47 Boulevard de Magenta, Paris.
1904.	KAYE, WALTER KELITA .. ..	{	Lock Works, Hunslet, Leeds. [Wedge, Leeds. 506.]
1900. A.M.)	KEATINGE, SHERBROOKE AU-	{	Chief Storekeeper, N.W. Rly., Abbott Rd., Lahore, India.
1903. M.)	GUSTUS JOHN .. .. .		
1904.	KEAY, JAMES .. .. .	{	Princes Chbrs., Corporation St., Birmingham. [Keay, Birming- ham. 430.]
1905.	KEAY, JAMES ALFRED .. ..	{	British United Shoe Machinery Co., Union Works, Belgrave Rd., Leicester.
1869.	KEEN, ARTHUR .. .. .	{	London Works, near Birmingham. (Deceased Feb. 1915.)
1883. G.)	KEEN, FRANCIS WATKINS ..	{	London Works, near Birmingham.
1889. M.)			
1901.	KEIGHTLEY, ALFRED PERCIVAL	{	Modwena, St. Catherine's, Lin- coln.
1904.	KEITH, JAMES .. .. .	{	27 Farringdon Avenue, E.C.
1911.	KELLER, KARL OTTO .. .. .	{	Messrs. William Doxford and Sons, Pallion Yard, Sunderland.

Date of Election  
and of Transfer.

1913.	KELLOW, MOSES .. .. .	{ Bryn Croesor, Penrhyndeudraeth, Merioneth.
1912.	KEMPE, HARRY ROBERT .. ..	{ Brockham, Betchworth, Surrey.
1881.	KENDAL, RAMSEY .. .. .	{ 2 Panmuir Road, Cottenham Park, Wimbledon, S.W.
1879.	{ KENNEDY, Sir ALEXANDER BLACKIE WILLIAM, LL.D., F.R.S. ( <i>Past-President</i> ) .. ..	{ Emeritus Prof. of Engineering, Univ. Coll., London: 17 Victoria St., Westminster, S.W. [ <i>Kinematic, London.</i> ]
1911. A.M. 1915. M.)	KENNEDY, CHARLES .. .. .	{ Townhead of Glencairn, Thornhill, Dumfriesshire.
1892.	KENNEDY, THOMAS .. .. .	{ The Glenfield Engineering Works, Kilmarnock.
1875.	{ KENRICK, Sir GEORGE HAMIL- TON .. .. .	{ Messrs. A. Kenrick & Sons, Spon Lane, West Bromwich; and Whetstone, Somerset Rd., Edgbaston, Birmingham.
1902.	KENRICK, JOHN ARCHIBALD ..	{ Messrs. Archibald Kenrick & Sons, Spon Lane, West Bromwich; and Harborne House, Harborne, Birmingham.
1907.	KERFOOT, JAMES .. .. .	{ Manager, Ewo Cotton Spinning and Weaving Co., Shanghai, China.
1906.	KERMODE, JOHN JONATHAN ..	{ 35 The Temple, Dale St., Liverpool.
1896. A.M. 1900. M.)	{ KERR, ALFRED ERNEST CAMP- BELL ( <i>Life Member</i> ) .. .. .	{ 7 Lydiard St., Ballarat, Victoria.
1898. A.M. 1911. M.)	KERR, JAMES B. .. .. .	{ Messrs. Capel & Co., 168 Dalston Lane, N.E.
1906.	KERSHAW, THOMAS .. .. .	{ 170 Sannomiya-cho, 1 chome, Kobe, Japan. <i>Via Siberia.</i>
1903.	KETT, GEORGE .. .. .	{ 11 Queen Victoria St., E.C. [ <i>Hoisters, London. Bank 8356.</i> ]
1907. A.M. 1912. M.)	KETTLE, LAURENCE JOSEPH ..	{ Dublin Electricity Works, Pigeon House Fort, Dublin.
1913.	KEYMS, THOMAS BOOTH .. ..	{ Assist. Loco. Supt., Great Western of Brazil Railway, Caixa 114, Pernambuco, Brazil.
1885. G. 1888. M.)	KEYWORTH, THOMAS EGERTON	{ Central Cuban Rlys., Sagua la Grande, Cuba.
1912.	KIDD, FRED .. .. .	{ San Salvador Spanish Iron Ore Co., Astillero, Prov. de Santander, Spain.
1885.	KIDD, HECTOR .. .. .	{ 15 Mansfield St., Glebe Point, Sydney, N.S.W.
1903. A.M. 1907. M.)	KIDD, JOHN WILLIAM .. .. .	{ The Leeds Forge, Leeds.
1894.	KIERNAN, GEORGE .. .. .	{ Manager, Messrs. Gresham and Craven, Craven Iron Works, Salford, Manchester.
1888.	KIKUCHI, KYOZO .. .. .	{ Supt. Eng., Hirano Spinning Mill, Osaka, Japan.
1899.	KILGOUR, MARTIN HAMILTON	{ Holly Hall, Harrison St., East Orange, N.J., U.S.
1899. G. 1901. A.M. 1907. M.)	KIMBER, HARRY WATKINS .. ..	{ Messrs. Dick, Kerr & Co., Abchurch Yard, Cannon St., E.C.
1895.	KING, CHARLES PENROSE .. ..	{ Eng., Bexhill Water & Gas Co., 5 Sedgwick Rd., Bexhill-on-Sea.

Date of Election  
and of Transfer.

1900.	KING, CHARLES PHILIP .. ..	{ 85 Upper Richmond Rd., Putney, S.W.
1901. A.M.}	KING, ERNEST .. .. .	{ Messrs. Mellows & Co., 26 Victoria St., Westminster, S.W. [ <i>c/o</i> <i>Mellows, London. Victoria 4569.</i> ]
1914. M.}		
1897.	KING, HENRY CHARLES .. ..	{ G.W. Rly. Works, Swindon.
1902. A.M.}	KING, HENRY JAMES HUBERT	{ Nailsworth, Stroud, Glos.
1908. M.}		
1872.	KING, WILLIAM .. .. .	{ 5 Beach Lawn, Waterloo, Liver- pool.
1884.	KIRKALDY, JOHN .. .. .	{ 101 Leadenhall St., E.C. [ <i>Com- pactum, London.</i> ]
1912.	KIRKWOOD, JAMES EMMETT ..	{ Eng. in-charge, York Street Flax Spinning Co., Muckamore, Belfast.
1911.	KIRSTEIN, HENRY CHARLES ..	{ 3 Lombard Street, E.C.
1896. G.}	KITSELL, ARCHIBALD EDWARD	{ 2 Park Place, Maize Hill, Green- wich, S.E.
1902. A.M.}		
1911. M.}		
1889.	KNAP, CONRAD .. .. .	{ 11 Queen Victoria St., E.C.
1886.	KNIGHT, CHARLES ALBERT ..	{ 20 Hanover Terrace, Regent's Park, N.W.
1908.	KNIGHT, JOHN DOUGLAS ..	{ Boro' Electrical Eng., Ealing Cor- poration, Town Hall, Ealing, W.
1903.	KNIGHT, WILLIAM EDWARD ..	{ Motive Power Supt., Cuba Railroad Co., Camaguey, Cuba.
1903. A.M.}	KNOCKER, GEORGE STODART ..	{ The Denes, 24 Lyndhurst Road, Lowestoft.
1913. M.}		
1900.	KNOWLES, JOHN .. .. .	{ Messrs. Bradbury & Co., P.O. Box 26, Bombay, India.
1909. A.M.}	KNOWLES, LEONIDAS .. ..	{ 22 Bridge Street, Manchester. [ <i>Inspect, Manchester. Central</i> <i>3722.</i> ]
1912. M.}		
1908.	KROTO, GEORGE .. .. .	{ Chief Eng., Messrs. Takata & Co., 57 Bishopsgate, E.C.
1905.	KURODA, TSUNEMA .. .. .	{ Muke Coal Mines, Chikugo, Japan.
1896.	{ KWANG, KWONG YUNG, D. Eng. ( <i>Life Member</i> ) .. .. .	{ Eng., Lincheng Mines, Lincheng, <i>vid</i> Peking, North China.
1909.	KWONG, WONG .. .. .	{ General Manager, Yangtse Engi- neering Works, Hankow, China.
1909.	LACERDA, ANTONIO CARLOS DE	{ Manager, Cooperativa Alcoolica da Bahia, Santo Amaro Foundry, Bahia, Brazil.
1912.	LACEY, EDWIN CHARLES ..	{ St. Julian's Lodge, St. Julian's Farm Rd., West Norwood, S.E.
1906.	LACEY, ERNEST MATTHEW ..	{ 12 Victoria St., Westminster, S.W. [ <i>Victoria 76.</i> ]
1907.	LACHENAL, ALEXANDER ..	{ 195 Ferme Park Road, Hornsey, N.
1909.	LACKIE, WILLIAM WALKER ..	{ Chief Eng., Corporation Electri- city Dept., 75 Waterloo St., Glasgow.

Date of Election  
and of Transfer.

1897. A.M.)	LACY-HULBERT,	CHARLES	} 91 Victoria St., Westminster, S.W.
1906. M.)	EDWARD .. .. .	.. .. .	
1912.	LAKE, WILLIAM OSBORNE	..	} Chief Eng., Army and Navy Co-operative Society, Victoria St., Westminster, S.W.
1900. G.)	LAKIN-SMITH, CLIFFORD	..	
1903. A.M.)			Rowington, Warwick.
1913. M.)			
1914.	{ LAMB, Professor ERNEST		} 14 Erskine Hill, Golders Green, N.W.
	{ HORACE .. .. .	.. .. .	
1911.	LAMB, FRANCIS STEWART	..	} c/o Messrs. Thos. Cook & Son, 2 Rue Porte Rosette, Alexandria, Egypt.
1908.	LAMBERT, HAROLD .. .. .	.. .. .	
1903. A.M.)	LAMBERT, JOHN HENRY .. .. .	.. .. .	} Messrs. Hudswell, Clarke & Co., Railway Foundry, Leeds.
1912. M.)			
1897.	LAMBERT, WILLIAM FRASER .. .. .	.. .. .	} Loco. Dept., S. Indian Rly., Villupuram, S. India.
1883. G.)	LANDER, PHILIP VINCENT .. .. .	.. .. .	
1902. M.)			} Messrs. G. S. Goodwin & Co., 19 James St., Liverpool.
1896.	LANE, FRANCIS LAWRENCE .. .. .	.. .. .	
1910.	LANG, PHILIP AUGUSTUS .. .. .	.. .. .	} 441 Bartolomé Mitre 2º. Piso, Buenos Aires, Arg. Rep.
1906.	LANG, ROBERT ( <i>Life Member</i> )		
1881.	LANGDON, WILLIAM .. .. .	.. .. .	} Managing Director of Works, British Westinghouse Co., Trafford Park, Manchester.
1907.	{ LANGE, ERNEST FREDERICK		
1881.	{ STEPHEN .. .. .	.. .. .	
1907. A.M.)	{ LANGE, FREDERICK MONTAGUE		} Messrs. Beyer, Peacock & Co., Gorton Foundry, Manchester.
1912. M.)	{ TOWNSHEND .. .. .	.. .. .	
1895. A.M.)	LANGTON, JOHN MONTAGUE	.. .. .	} 35 Gloucester Gardens, Hyde Park, W.
1902. M.)	ELLIS .. .. .	.. .. .	
1894. G.)	LARARD, CHARLES EDWARD .. .. .	.. .. .	} Egyptian State Rlys., Tantah, Lower Egypt.
1898. A.M.)			
1903. M.)			} Todleben Iron Works, Unwin St., Cross Lane, Salford, Manchester; and Westleigh, Norwood Avenue, Southport.
1899. A.M.)	LASH, HORATIO WILLIAM .. .. .	.. .. .	
1903. M.)			} Parliament Mansions, Victoria St., S.W.; and Park Hill House, Stanhope Rd., Croydon.
1888.	LATHAM, BALDWIN .. .. .	.. .. .	
1899.	LATTA, JAMES GILMORE .. .. .	.. .. .	} 6 Wilmslow Road, Didsbury, Manchester.
1905.	{ LAWRENCE, MAXIMILIAN		
1910. A.M.)	{ ROBERT .. .. .	.. .. .	
1914. M.)	LAWSON, FREDERICK WASHINGTON .. .. .	.. .. .	} Hope Foundry, Leeds.
1882.	LAWSON, FREDERICK WILLIAM	.. .. .	
1883.	LAYCOCK, WILLIAM S. .. .. .	.. .. .	} Apartado 82, Bilbao, Spain.
1906.	LAYTON, HENRY EDWARD .. .. .	.. .. .	
1902.	LAZENBY, ARTHUR .. .. .	.. .. .	

Date of Election  
and of Transfer.

1901. A.M.}	LEA, FREDERICK MACKENZIE	Messrs. Henry Lea & Son, 38 Bennett's Hill, Birmingham. [ <i>Engineer, Birmingham.</i> 113.]
1905. M.}		
1906.	LEA, JAMES EDWARD .. ..	28 Deansgate, Manchester.
1892.	LEA, RICHARD HENRY .. ..	Messrs. Lea & Francis, Coventry.
1889.	LEAF, HENRY MEREDITH .. ..	{ 4 Barton Street, Westminster, S.W.
1883.	LEAVITT, ERASMUS DARWIN .. ..	{ 317 Harvard St., Cambridge, Mass., U.S.
1903. A.M.}	LE CLAIR, LOUIS JEAN .. ..	Moorgate Works, Moorfields, E.C.
1907. M.}		
1890.	LEE, SAMUEL EDWARD .. ..	City Foundry, Limerick.
1912.	LEES, WILLIAM .. ..	{ Vale House, Hollinwood, Old- ham.
or 1889. G.}	LEGROS, LUCIEN ALPHONSE .. ..	25 Cumberland Park, Acton, W.
1890. M.}		
1909.	{ LEIGH, FREDERICK AUGUSTUS	Chief Electrical Eng., L. & N.W. Rly., Euston, N.W.
	{ CORTEZ .. ..	
1896.	LEISSE, GEORGE CHARLES .. ..	5 Rue Pergolèse, Paris (XVI <sup>e</sup> ).
1897. A.M.}	LEITCH, ARCHIBALD .. ..	36 Dale St., Liverpool.
1902. M.}		
1908.	LEITCH, DONALD CALDER .. ..	7 Leyborne Park, Kew, Surrey.
1910.	LELEAN, WILLIAM ARTHUR .. ..	{ Messrs. Rendel, Palmer & Tritton, 13 Dartmouth St., Westminster, S.W.
1908. A.M.}	LE MASURIER, JAMES .. ..	10 Collyer Quay, Singapore, Straits Settlements.
1912. M.}		
1898.	LEOPARD, CHARLES WILLIAM	33 Parkhurst Rd., Holloway, N.
1905.	LESLIE, BRADFORD .. ..	{ The Mill House, Shiplake, Henley- on-Thames.
1901.	LESLIE, WILLIAM .. ..	{ 959-961 Hay Street, Perth, W. Australia.
1905.	{ L'ESTRANGE, ARTHUR HENRY	4-7 Lincoln Place, Dublin.
	{ CARLETON .. ..	
1902. A.M.}	LEWIS, FREDRICK WILLIAM .. ..	Westover, Carline Rd., Lincoln.
1911. M.}		
1878.	LEWIS, GILBERT .. ..	{ 37 Monton St., Moss Side, Man- chester.
1905.	LEWIS, LEWIS HOLME .. ..	{ Engineer, Corpn. Hydraulic Power Supply, Whitworth St. West, Manchester.
1912.	{ LEWIS-HEATH, Eng. Lieut.- Commr. FREDERICK JOHN, R.N. .. ..	H.M.S. "Larne," c/o Postmaster General, E.C.
1894.	LIEBERT, HENRY ANTON .. ..	{ Messrs. John Holroyd & Co., Perse- verance Works, Milnrow, Roch- dale.
1880.	LIGHTFOOT, THOMAS BELL .. ..	{ 35 Queen Victoria St., E.C. [ <i>Separator, London.</i> ]; and 12 Heathview Gdns., Putney Heath, S.W.
1908.	{ LILLY, WALTER ELSWORTHY, D.Sc. .. ..	Assist. Prof. of Civil Engineering, 39 Trinity College, Dublin.
	{ LIMPUS, ARTHUR EDWARD	
1905. A.M.}	JEWERS .. ..	Municipal Market, Lindsay St., Calcutta.
1908. M.}		
1908.	LINDLEY, HERBERT .. ..	{ The Manor House, Kempsey, Wor- cester.
1901.	LINDSAY, ROBERT .. ..	Somerville House, Dundee.



Date of Election  
and of Transfer.

1909. A.M.	} LINDSLEY-SIMS, ARCHIBALD	{ Chief Eng., Messrs. Bayliss Jones & Bayliss, Victoria Works, Wolverhampton.
1914. M.		
1890.	LINEHAM, WILFRID JAMES ..	{ Ankerbold Road, New Tupton, Chesterfield.
1907. G.	} LINNELL, ARTHUR EVELYN ..	{ Como Villa, Cousins Grove, East Southsea, Portsmouth.
1909. A.M.		
1913. M.		{ 11 Athol Rd., Alexandra Park, Manchester.
1902.	LIBONI, VITTORIO GIOVANNI ..	{ Beech Lodge, Cherry Tree Road, Sheffield.
1912.	{ LISTER, Eng. Commander	{ 24 Westbourne Avenue, Hull.
	{ FRANCIS HENRY, R.N. ..	
1890.	LISTER, ROBERT RAMSBOTTOM	{ Messrs. Ruston, Proctor & Co., Sheaf Iron Works, Lincoln.
1904.	LITTLE, JOHN .. .. .	{ c/o The Manager, London County and Westminster Bank, Birkbeck Branch, High Holborn, W.C.
1905.	LITTON, FRANCIS HENRY ..	{ Loco. Supt., Co. Donegal Rlys. Joint Committee, Stranorlar, Co. Donegal.
1890.	LIVENS, FREDERICK HOWARD	{ 30 Great St. Helen's, E.C. [ <i>Cinerary, London.</i> ]
1900.	{ LIVERSEDGE, Eng. Com-	{ Messrs. John Fowler & Co., Leeds.
	{ mander HENRY THOMAS,	
	{ R.N., ret. .. .. .	{ 34 Octavia Street, Battersea, S.W.
1901. A.M.	} LIVESSEY, ROBERT MARTYN ..	{ Meirion House, New Quay, Cardiganshire.
1903. M.		
1895.	LIVINGSTON, JAMES .. .. .	{ Messrs. Hayward Tyler & Co., 99 Queen Victoria St., E.C. [ <i>Tylerox, London. Bank 192.</i> ]
1912.	LIVSEY, HAROLD .. .. .	{ Messrs. Lobnitz & Co., Renfrew, near Paisley; and Ross Hall, Crookston, Renfrewshire.
1886.	LIVSEY, JOHN EDWARD .. ..	{ 67 Granville Park, Blackheath, S.E.
1907.	LLOYD, RICHARD .. .. .	{ Electromotors Ltd., Openshaw, Manchester.
1882.	LLOYD, ROBERT SAMUEL ..	{ Royal Technical College, Glasgow.
1898.	LOBNITZ, FRED .. .. .	{ Sudan Government Rlys., Atbara, Sudan, Egypt.
1879.	LOCKHART, WILLIAM STRONACH	{ 7 Fitzgeorge Avenue, Baron's Court, West Kensington, W.
1911.	LONGBOTTOM, BENJAMIN .. ..	{ Locomotive Carriage and Wagon Superintendent, Bengal and North Western Rly., Gorakhpur, India.
1895. A.M.	} LONGBOTTOM, Professor JOHN	{ Chief Eng., British Engine, Boiler and Electrical Insurance Co., 12 King St., Manchester; and Grey Road, Altrincham.
1905. M.		
1909.	{ LONGFIELD, Captain WILLIAM	
1902. A.M.	{ ELBRINGTON, R.E. .. ..	
1908. M.	LONGLEY, REGINALD .. .. .	
1911.	LONGMUIR, WILLIAM .. .. .	
1880.	{ LONGRIDGE, MICHAEL	
	{ (Vice-President) .. .. .	

Date of Election  
and of Transfer.

1875.	LONGRIDGE, ROBERT CHARLES	Kilrie, Knutsford.
1899.	{ LONNON, Eng. Captain WIL- LIAM, R.N. .. .. . }	98 London Road, Portsmouth.
1902. A.M. } 1915. M. }	LORIMER, ALEXANDER SMITH	{ North British Locomotive Co., Queen's Park Works, Glasgow.
1887.	LORRAIN, JAMES GRIEVE ..	{ Staple Inn Buildings, Holborn, W.C. [ <i>Lorrain, London.</i> ]
1901.	LOUD, HENRY SHERMAN ..	{ 165 Broadway, New York, United States.
1898. A.M. } 1910. M. }	LOVE, ROBERT TEMPLETON ..	{ Messrs. Lockett Bros., Oficina Ramirez, Iquique, Chile.
1912.	LOVING, HENRY CROXTON ..	{ Messrs. Cammell, Laird & Co., Cyclops Works, Sheffield.
1888.	LOW, PROFESSOR DAVID ALLAN	{ Emeritus Professor of Engineering, East London College: 6 York Road, Ilford.
1903.	LOW, WILLIAM ( <i>Life Member</i> )	{ Monifieth Foundry, Monifieth, Dundee. [ <i>Low, Monifieth. Moni- fieth 1.</i> ]
1909.	LOWCOCK, SIDNEY RICHARD ..	{ 6 Queen Anne's Gate, West- minster, S.W.
1873.	LUCAS, ARTHUR .. .. .	{ 27 Bruton Street, New Bond Street, W.
1889.	LUCY, ARTHUR JOHN .. ..	{ Messrs. Turner Morrison & Co., Calcutta, India.
1897.	LUCY, ERNEST EDWARD ..	{ Govt. Rlys., Eveleigh, Sydney, N.S.W.
1886. G. } 1890. M. }	{ LUCY, WILLIAM THEODORE } ( <i>Life Member</i> ) .. .. . }	107 Woodstock Road, Oxford.
1902.	{ LUKIS, WILFRID RAVENSHAW } { FELLOWES .. .. . }	{ Messrs. W. E. Craven & Co., 224 Clarence St., Sydney, N.S.W.
1908.	LUMLEY, GASCOIGNE .. ..	{ Marine Department, Lagos, Southern Nigeria.
1877.	LUPTON, ARNOLD .. .. .	{ 7 Victoria St., Westminster, S.W. [ <i>Westminster 5078.</i> ]
1900.	LUPTON, WILLIAM WALTER ..	{ Messrs. Joshua Buckton & Co., Well House Foundry, Meadow Rd., Leeds; and Malton.
1911.	LYON, ALEXANDER GORDON ..	{ Messrs. D. Napier and Son, Acton, W.
1902. A.M. } 1908. M. }	LYON, ARTHUR ANDERSON ..	{ 608 Caxton House, Westminster, S.W.
1904. A.M. } 1912. M. }	LYONS, ROBERT ERNEST BRA- BAZON .. .. . }	{ Fabrica Colon, Entre Rios, Arg. Rep.
1907.	MACARTNEY, JAMES .. .. .	{ Dixson Bldgs., 64 Pitt St., Sydney, N.S.W.
1888.	MACBETH, JOHN BRUCE KING	{ Caxton House, Westminster, S.W [ <i>Embeeco, London. Victoria</i> <i>5696.</i> ]
1905.	MCBRIDE, WILLIAM .. .. .	{ Works Manager, Messrs. Otto Trechmann, Warren Cement Works, Hartlepool.

Date of Election  
and of Transfer.

1907.	McCALL, DUNCAN .. .. .	{ 245 Strathmartine Rd., Downfield, Dundee.
1904. A.M.)	McCALLUM, EDWARD ALFRED	{ Gléresse, Lac de Bienne, Switzer- land.
1913. M.)		
1912.	McCLEAN, WILLIAM NEWSAM	{ Caxton House, Westminster, S.W.
1891.	McCREDIE, ARTHUR LATIMER	{ 9 Bridge St., Sydney, N.S.W. [ <i>Ebony, Sydney.</i> 63.]
1897.	{ MACDONALD, DAVID JOHN- STONE .. .. .	{ South St. Roque's Works, Dundee. [ <i>Medalist, Dundee.</i> 239.]
1904.	MACDONALD, DONALD .. .. .	{ York Buildings, Hong Kong, China.
1910.	MACDONALD, JAMES .. .. .	{ Govt. Marine (Eng. and Shipwright) Surveyor, Harbour Dept., Hong Kong, China.
1908.	{ MACDONALD, JAMES TURRIFF SINCLAIR .. .. .	{ Bristol Wagon Works, Lawrence Hill, Bristol.
1914.	MACDONALD, JAMES VEITCH ..	{ Works Manager, Messrs. Richard- son and Cruddas, Byculla Iron Works, Bombay.
1899.	MACDONALD, JOHN .. .. .	{ Bridge Turbine Works, Pollok- shaws, Glasgow. [ <i>Consulting, Pollokshaws.</i> Z 243.]
1878. G.)	McDONALD, JOHN ALEXANDER	{ c/o Messrs. McDonald, Scales & Co., 4 Chapel St., Cripplegate, E.C.
1880. M.)		
1905. A.M.)	McDONALD, WILLIAM, R.N.R.	{ Singapore Harbour Board, Singa- pore, Straits Settlements.
1908. M.)		
1912.	MACDONALD, WILLIAM RICHARD	{ Deep Bay, N. Saanich, Vancouver Island, B.C.
1909.	McFARLANE, LAUCHLAN GRANT	{ Submarine Dept., Messrs. Cammell Laird & Co., Birkenhead.
1899. A.M.)	McFERRAN, HOWARD A. ..	{ H.M. Office of Works, Storey's Gate, S.W.
1910. M.)		
1895.	MACGARVEY, HOWARD .. .. .	{ Lombard Street Works, Dublin.
1913.	McGILL, JOHN .. .. .	{ 95 Elliscombe Road, Old Charlton, Kent.
1906.	MACGREGOR, JAMES .. .. .	{ Manager, Messrs. Sanderson Bros. and Newbould, Sheffield.
1912.	{ McGREGOR, STUART WILLIAM BUCHANAN .. .. .	{ c/o Representation for British Manufacturers Ltd., Tsung pu Nutung, Peking, China.
1913.	{ McGUFFIE, HAROLD ALEX- ANDER .. .. .	{ Messrs. Stevenson and McGuffie, 163 Hope St., Glasgow.
1911.	{ MACINTOSH, DONALD RODER- ICK .. .. .	{ Chief Inspector of Steam Boilers and Prime Movers, Town Custom House, Bombay.
1889.	McINTYRE, JOHN HENRY A. ..	{ Royal Technical College, Glas- gow.
1912.	MACINTYRE, NICOL .. .. .	{ Dunmore, Norse Road, Scotstoun, Glasgow.
1897. A.M.)	MACIVOR, ALEXANDER .. .. .	{ Messrs. Potter & Co., Hollins Paper Mills, Darwen.
1904. M.)		
1902.	McIVOR, BENJAMIN ROBERT ..	{ Ivanhoe, Buckingham Avenue, Sefton Park, Liverpool.
1890.	MACKAY, JOSEPH .. .. .	{ Govt. Supt., Marine Surveys, Bangkok, Siam. [ <i>Mackay, Bangkok.</i> ]

Date of Election  
and of Transfer.

1901.		McKECHNIE, JAMES .. ..	Messrs. Vickers Ltd., Naval Construction Works, Barrow-in-Furness.
1885.		MACKENZIE, JOHN WILLIAM ..	40 Chancery Lane, W.C.; and Oakmoor, Dartnell Park, Byfleet, Weybridge.
1883.	G. }	MACKENZIE, THOMAS BROWN ..	Messrs. David Colville & Sons, Dalzell Steel and Iron Works, Motherwell; and Netherby, Manse Rd., Motherwell.
1902.	M. }		
1913.		MACKIE, WILLIAM .. ..	Genl. Manager, Messrs. A. and W. Smith & Co., Eglinton Engine Works, Cook St., Glasgow.
1906.		MACKIE, WILLIAM ARBUCKLE	50 Wellington St., Glasgow. [ <i>Starboard, Glasgow. Argyle</i> 180.]
1912.		MACKIRDY, JOHN HANSARD ..	Lloyd's Register, 2 Hare Street, Calcutta, India.
1880.		McLACHLAN, JOHN .. ..	Thistle Engine Works, Paisley. [ <i>Bow, Paisley.</i> ]
1875.		MACLAGAN, ROBERT .. ..	Hazelbury Bryan, Sturminster Newton, S.O., Dorset.
1888.		McLAREN, HENRY .. ..	Midland Engine Works, Leeds. [ <i>McLaren, Leeds.</i> ]
1903.		McLAREN, JOHN .. ..	Midland Engine Works, Leeds. [ <i>McLaren, Leeds.</i> ]
1903.		McLAREN, JOHN .. ..	110 Fenchurch St., E.C. [ <i>Eniram, London. Avenue</i> 3462.]
1900.	A.M. }	McLAREN, JOHN ALEXANDER	13 Broomfield Crescent, Headingley, Leeds.
1902.	M. }		
1899.		McLAREN, RICHARD ANDREW	Messrs. Babcock and Wilcox Ltd., Renfrew, R.S.O., Renfrewshire.
1912.		McLAREN, ROBERT .. ..	Midland Engine Works, Leeds.
1910.		McLAREN, WILLIAM .. ..	Managing Director, Messrs. John Blackwood, Barbados, West Indies.
1901.		McLAREN, WILLIAM ALEXANDER .. ..	P.O. Box 1209, Johannesburg, Transvaal.
1904.	A.M. }	McLEAN, ALEXANDER MALKER	St. Mildred's House, Poultry, E.C.
1914.	M. }		
1909.	A.M. }	MACLEAN, JAMES BORROWMAN	Arsenal de São Theago, Funchal, Madeira.
1912.	M. }		
1910.	A.M. }	MACLENNAN, ALEXANDER ..	United Engineers Ltd., Damar Rd., Singapore, Straits Settlements.
1913.	M. }		
1914.		McLINTOCK, ROBERT ALEXANDER HARE .. ..	90 Princes Street, Dunedin, N.Z.
1901.		MACLURE, WILLIAM GEORGE PERCY .. ..	Loco. Running Supt., G.C. Rly., Gorton, Manchester.
1902.	A.M. }	McMAHON, JOHN JOSEPH ..	Corp'n. Tramways, 55 Piccadilly, Manchester.
1906.	M. }		
1904.		McMAHON, PETER VALENTINE	Chief Eng., City and S. London Rly., 195 Clapham Rd., S.W.
1902.	A.M. }	MACNAB, THOMAS POLLOCK ..	56-58 Eagle Street, Southampton Row, W.C. [ <i>Holborn</i> 6405.]
1909.	M. }		
1902.		MACNAY, ARTHUR .. ..	Mech. Eng., S. African Rlys. & Harbours, Durban, Natal.
1885.		McNEIL, JOHN .. ..	Messrs. John McNeil & Co., Helen St., Govan, Glasgow. [ <i>Colonial, Glasgow.</i> ]

Date of Election  
and of Transfer.

1914.		MACNICOL, ARNOLD NESBITT..	31 Queen St., Melbourne, Victoria.
1901.		MACQUEEN, JOHN, B.Sc. ..	Messrs. Denny & Co., Dumbarton.
1901.		MCQUEEN, JOHN CHARLES ..	St. Georges, Grenada, West Indies.
1903.		{MCREDDIE, CHARLES EDWARD	{c/o Messrs. Williams & Co., Cerrito
		{BOYESEN .. .. .	{362-64, Monte Video, Uruguay.
1906. A.M.		McTURK, ALEXANDER GLAD-	Dulnain, North Berwick.
1913. M.		STONE .. .. .	
1913.		McVICAR, ALEXANDER .. ..	{27 Brougham Street, Wellington, New Zealand.
1906.		MADELEY, CHARLES .. ..	Messrs. Taylor & Challen, 60-62 Constitution Hill, Birmingham.
1879.		MAGINNIS, JAMES PORTER ..	11 Carteret St., Queen Anne's Gate, Westminster, S.W. [ <i>Offset, London. G.P.O. Victoria 192.</i> ]
1900. A.M.		MAIN, JOHN PALMER SCOTT ..	Assist. Inspecting Officer of Rlys., Board of Trade, 47 Victoria St., Westminster, S.W.
1902. M.			Messrs. Gwynnes Ltd., Hammer- smith Iron Works, Hammer- smith, W.
1911.		MAIR, GEORGE PASCOE .. ..	43 Palace Court, W. [ <i>Ipsum, London.</i> ]
1873.		{MAIR-RUMLEY, JOHN GEORGE	34 Murphy St., South Yarra, Mel- bourne, Victoria.
		{(Life Member) .. .. .	
1884.		MAIS, HENRY COATHUPE ..	Lubricators Ltd., Leeds Place, 59 Tollington Park, N. [ <i>Former Member 1898-1907.</i> ]
1913.		MAITLAND, CREE .. .. .	Hilcott, 156 Bedford Hill, Balham, S.W.
1906.		MAJOR, CHARLES GEORGE ..	22 Avenue de la Gare, Livry-Gar- gan (S. & O.), France.
1888. G.)		MALAN, ERNEST DE MÉRINDOL	Loco. Eng., Midland Rly. (Northern Counties Committee), Belfast.
1893. M.)			
1879.		MALCOLM, BOWMAN.. .. .	Chief Eng., Salt Union, Ltd., Winsford, S.O., Cheshire.
1905. A.M.)		MALCOLM, GEORGE WILLIAM..	Albert Saw Mills, Worsley St., New Bailey Street, Salford, Man- chester.
1907. M.)			
1907. A.M.)		MALLINSON, ARTHUR BENJAMIN	N.W. Cyanamide Ltd., Odda, Nor- way.
1913. M.)			
1907. A.M.)		MALPAS, ARTHUR ERNEST ..	President, Kyushu Imperial Uni- versity, Fukuoka, Kyushu, Japan.
1913. M.)			
1888.		MANO, PROFESSOR BUNJI .. ..	{12 Hamilton Square, Birkenhead. [ <i>Birkenhead 1533 &amp; 4.</i> ]
1894. G.)		MANSFIELD, ALFRED .. .. .	12 Beckenham Rd., New Brighton, Birkenhead.
1896. A.M.)			
1909. M.)		MANSFIELD, EDWIN ALBERT ..	Deanhill, Beansburn, Kilmarnock. 105 Haverstock Hill, N.W.
1894. A.M.)			
1899. M.)		MANSON, JAMES .. .. .	Messrs. John Wilkes, Sons & Mapplebeck, Liverpool St., Bir- mingham. [ <i>Wilkes, Birming- ham.</i> ]
1891.			
1897.		MANTLE, HARRY GEORGE .. ..	Messrs. Charles Churchill & Co., 2 Charlotte St., Mosley St., Manchester.
1897.		MAPPLEBECK, EDWARD .. ..	Finsbury Technical College, Leo- nard St., City Rd., E.C.
1901. A.M.)		MARCH, SYDNEY HERBERT ..	Finsbury Technical College, Leo- nard St., City Rd., E.C.
1912. M.)			
1903. A.M.)		MARGETSON, PROFESSOR ALFRED	Finsbury Technical College, Leo- nard St., City Rd., E.C.
1914. M.)			

Date of Election  
and of Transfer.

1878.		MARIE, GEORGES .. .. .	4 Rue du Général Foy, Paris (8 <sup>e</sup> ).
1914.		MARKHAM, CHARLES PAXTON	Broadoaks, Chesterfield.
1900.		{ MARKHAM, REGINALD GAS- COIGNE LAW, R.N. .. .. }	{ Brooklyn, 50 Ritherdon Rd., Balham, S.W.
1891.		{ MARKS, EDWARD CHARLES ROBERT .. .. . }	{ 18 Temple St., Birmingham.
1888.		{ MARKS, Sir GEORGE CROYDON, M.P. .. .. . }	{ 58 Lincoln's Inn Fields, W.C. [ <i>Marklerk, London. Central</i> 3415.]
1896.		MARKWICK, ALFRED ERNEST..	Supt. of Machinery, Karachi Muni- cipality, Lawrence Rd., Karachi, India.
1884.		MARQUAND, AUGUSTUS JOHN	2 Dock Chbrs., Bute Docks, Cardiff. [ <i>Martial, Cardiff.</i> ]
1887.		MARRIOTT, WILLIAM .. ..	{ Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk.
1914.		MARSDEN, CHARLES HENRY ..	Chief Eng., Messrs. W. Hinton and Sons, Funchal, Madeira.
1903. A.M. }		MARSH, CHARLES FLEMING ..	{ Metropolitan Water Board, Savoy Court, Strand, W.C.
1907. M. }			
1896.		MARSH, DOUGLAS EARLE ..	47 The Drive, Hove, Sussex.
1900.		MARSHALL, ALFRED WILLIAM	66 Farringdon St., E.C. [ <i>Central</i> 9071.]
1912.		{ MARSHALL, Eng. Commander FREDERICK WILLIAM, R.N.	{ H.M.S. "Monarch," 2nd Battle Squadron, Home Fleet, c/o Post- master General, E.C.
1897.		MARSHALL, HERBERT JOHN ..	Britannia Iron Works, Gains- borough. [ <i>Marshalls, Gains- borough. 10.</i> ]
1901.		{ MARSHALL, HERMANN DICKEN- SON .. .. . }	{ Britannia Iron Works, Gains- borough.
1871.		MARSHALL, JAMES .. .. .	{ Britannia Iron Works, Gains- borough. [ <i>Marshalls, Gains- borough. 10.</i> ]
1899. A.M. }		MARSHALL, LAUNCELOT PAUL	{ Chief Eng., Municipal Offices, Rangoon, Burma.
1905. M. }			
1896. A. }		MARSHALL, LEWIS .. .. .	Burleigh, Edgerton, Huddersfield.
1899. M. }			
1902.		MARSHALL, ROBERT.. .. .	{ 34 St. Petersburg Place, Bays- water, W.
1888. G. }		MARTEN, HUBERT BINDON ..	20 Victoria St., Westminster, S.W.
1904. A.M. }			
1913. M. }			
1904. A.M. }		MARTIN, PERCY .. .. .	{ Works Manager, Daimler Motor Co., Coventry.
1909. M. }			
1886.		MARTIN, WILLIAM HAMILTON	{ Engineering Mangr., Scheldt Royal Shipbuilding and Engineering Works, Flushing, Holland.
1882. G. }		MARTINDALE, WARINE BEN HAY.. .. .	83 Cannon St., E.C.; and Haist- well House, Sunningdale, Ascot. [ <i>Ascot 269.</i> ]
1889. M. }			
1912.		MARTIN-DAVEY, WILLIAM ..	380 Seymour Street, Vancouver, B.C.
1909.		MARTINEAU, FRANCIS LEIGH..	64 Victoria Street, Westminster, S.W.
1904. A.M. }		MARTY, ERNESTO .. .. .	{ Cochabamba 1871, 1er piso, Buenos Aires, Arg. Rep.
1912. M. }			

Date of Election  
and of Transfer.

1913.	{ MASON, HERBERT (Life Member) .. .. . }	{ 19 Eisenstuck Strasse, Dresden, Germany.
1913.	MASON, JOHN BLAIR .. .. .	{ Engineer-in-Chief, Otago Harbour Board, Dunedin, N.Z.
1884.	MASSEY, GEORGE .. .. .	{ Post Office Chambers, Pitt St., Sydney, N.S.W.
1903.	MASSEY, HAROLD FLETCHER	{ Messrs. B. and S. Massey, Openshaw, Manchester.
1895. A.M.	{ MASSEY, LEONARD FLETCHER	{ Messrs. B. and S. Massey, Openshaw, Manchester. [ <i>Masseys, Openshaw.</i> 300.]
1903. M.}		
1892.	MASTERTON, JOHN FRASER ..	{ Loco. Dept., S.E. & C. Rly., Ashford, Kent.
1903.	{ MASTERTON, WALTER NEILL, R.D., R.N.R. .. .. . }	{ Govt. Marine Surveyors' Office, Singapore, Straits Settlements.
1899.	MASTRANTONIS, PANAYOTIS ..	{ Engine and Boiler Works, Piraeus, Greece.
1894.	MATHER, GEORGE RADFORD ..	{ Albion Foundry, Wellingborough. [ <i>Mather, Wellingborough.</i> ]
1867.	{ MATHER, The Right Hon. Sir WILLIAM .. .. . }	{ Park Works, Newton Heath, Manchester; and Bramble Hill, Bramshaw, New Forest, Hants.
1900.	MATHEWS, CHARLES JAMES ..	{ Chief Inspector of Machinery, Perth, W. Australia.
1913.	{ MATHEWS, GIFFORD FREDERICK .. .. . }	{ 85 Clyde Rd., West Didsbury, Manchester.
1902.	MATHOT, RODOLPHE .. .. .	{ 3 Salters' Hall Court, Cannon St., E.C. [ <i>City</i> 8625.]
1907.	MATTHEWS, JOSEPH .. .. .	{ 35 Woodlands Road, Aigburth, Liverpool.
1886.	{ MATTHEWS, ROBERT (Member of Council) .. .. . }	{ Parrs House, Heaton Mersey, Manchester.
1908. A.M.	{ MATTHEWS, THOMAS LEIGH ..	{ Messrs. Coode, Matthews, Fitzmaurice and Wilson, 9 Victoria St., Westminster, S.W.
1913. M.}		
1904. A.M.	{ MATTHEWS, WILLIAM EDWARD	Bridge End Foundry, Cardigan.
1912. M.}		
1893.	{ MAUNSELL, RICHARD EDWARD LLOYD .. .. . }	{ Chief Mech. Eng., S.E. & C. Rly., Ashford, Kent.
1873.	{ MAW, WILLIAM HENRY, LL.D. (Past-President) .. .. . }	{ 35 Bedford St., Strand, W.C. [ <i>Gerrard</i> 3663.]
1884.	MAXIM, SIR HIRAM STEVENS ..	{ Sandhurst Lodge, 382 High Rd., Streatham, S.W.
1905.	{ MAXWELL, DAVID WILLIAM FRANCIS .. .. . }	{ 77 Lawrie Park Road, Sydenham, S.E.
1903.	MAY, CHARLES RAMSDEN ..	{ Orwell Lodge, Erith, S.O., Kent.
1908.	MAY, WALTER, R.N. .. .. .	{ Pulsometer Engineering Co., 11 Tothill Street, Westminster, S.W.
1901. G.}	MAYO, CHARLES ROBERT ..	{ 155 Dashwood House, 9 New Broad St., E.C.
1902. A.M.}		
1908. M.}		
1891.	MEADE, THOMAS DE COURCY ..	{ Town Hall, Manchester.
1905.	MEEK, JOHN .. .. .	{ Stanley House, Barras Lane, Coventry. [ <i>Former Member</i> 1898-1901.]
1881.	MEIK, CHARLES SCOTT .. .. .	{ 16 Victoria Street, Westminster, S.W.

Date of Election  
and of Transfer.

1887.	MELHUISE, FREDERICK .. ..	{ Eng. of the Kent District, Metro- politan Water Board, Brookmill Rd., Deptford, S.E.
1908.	MELL, LEONARD PARRY .. ..	{ 34 The Parade, Leamington Spa.
1908. A.M.}	MELL, STEPHEN THEODORE .. ..	{ Chief Eng., Colonial Consignment & Distributing Co., Nelson's Wharf, Lambeth, S.E.
1913. M.}		
1906.	{ MELLANBY, PROFESSOR ALEX- ANDER LAWSON, D.Sc. .. .. }	{ Royal Technical College, Glasgow.
1888.	MELVILLE, WILLIAM WILKIE	{ Messrs. E. Green & Son, Hastings House, Norfolk Street, Strand, W.C.
1900.	MENDHAM, CONRAD FIELD .. ..	{ 85 Gracechurch St., E.C. [ <i>Pyrotic, Grace, London. Central 9471.</i> ]
1902. A.M.}	MENSFORTH, HOLBERRY .. ..	{ British Westinghouse Co., Trafford Park, Manchester.
1913. M.}		
1906.	MENZIES, JOHN .. .. .	{ Messrs. Robert Maclaren & Co., Ltd., Eglinton Foundry, Port Eglinton, Glasgow.
1897.	MEREDITH, JOHN .. .. .	{ 156 Harlaxton Drive, Lenton, Nottingham.
1901. G.}	MERRETT, JOHN ALFRED .. ..	{ 41 Finsbury Square, E.C.
1905. A.M.}		
1914. M.}		
1875.	{ MERRYWEATHER, JAMES COMP- TON .. .. .	{ Fire-Engine Works, Greenwich Rd., S.E.; and 4 Whitehall Court, S.W. [ <i>Merryweather, London.</i> ]
1912.	MERTENS, JOHN THOMPSON .. ..	{ Calcutta Electric Supply Corp., 8 Dalhousie Sq., Calcutta, India.
1909. A.M.}	METCALF, ALFRED TOWNLEY .. ..	{ Bradford Dyers' Association, 39 Well St., Bradford.
1912. M.}		
1912.	METCALFE, HENRY FRANCIS .. ..	{ 6 Hare St., Calcutta, India. [ <i>Usha, Calcutta.</i> ]
1906.	METCALFE, JAMES .. .. .	{ Messrs. Davies and Metcalfe, Romiley, Manchester.
1881.	{ MEYSEY-THOMPSON, ARTHUR HERBERT .. .. .	{ Messrs. Hathorn Davay & Co., Sun Foundry, Dewsbury Rd., Leeds.
1900. G.}	MICHELL, Eng. Lieut. WILLIAM HENRY, R.N. ( <i>Life Member</i> )	{ Engineering Dept., H.M. Dock- yard, Portsmouth.
1904. M.}		
1898.	MICKLEWRIGHT, WILLIAM .. ..	{ Messrs. James Russell & Sons, Wednesbury; and Hughenden, Hollies Drive, Wednesbury.
1899. A.M.}	MIDDLETON, HARRY HERBERT	{ Mines Dept., Box 1072, Johannes- burg, Transvaal.
1905. M.}		
1884.	MIDDLETON, REGINALD EMPSON	{ 17 Victoria Street, Westminster, S.W. [ <i>Appoint, London. Vic- toria 321.</i> ]
1910.	MILBURN, JOHN .. .. .	{ Works Manager, Messrs. Alfred Herbert, Coventry.
1893.	MILLAR, JACKSON .. .. .	{ 11 Bothwell St., Glasgow.
1902.	MILLAR, THOMAS .. .. .	{ 81 St. Vincent St., Glasgow.
1904.	MILLER, DAVID .. .. .	{ Supt. Eng., Spanish Royal Mail Co., 19 Princes St., Bootle, Liverpool.
1885.	MILLER, HARRY WILLIAM .. ..	{ c/o Messrs. Smuts & Hattingh, P.O. Box 14, Tarkastad, Cape Colony.



Date of Election  
and of Transfer.

1887.	MILLER, THOMAS LODWICK ..	{ 12A Hargreaves Bldg., 5 Chapel St., Liverpool. [ <i>Kinetic, Liverpool.</i> <i>Central 6216.</i> ]
1900. G. 1903. A.M. 1908. M. }	MILLER, WILLIAM THOMAS WARD .. .. .	{ 6 Oakdale Rd., Nether Edge, Sheffield.
1893.	MILLIGAN, WILLIAM SCOTT ..	{ Messrs. Pollit and Wigzell, Bank Foundry, Sowerby Bridge. Principal, Borough Polytechnic Institute, 103 Borough Road, S.E.
1885.	MILLIS, CHARLES THOMAS ..	{ (Capt. R.W.F.), Red Hill, Beau- maris, Anglesey. Managing Director, Ebbw Vale, R.S.O., Mon.
1901. A.M. 1904. M. }	MILLS, FRANK .. .. .	{ Everdene, Putney Common, S.W. McIntyre Mine, Schumacher, N. Ontario, Canada.
1905.	MILLS, FREDERICK .. .. .	{ Atlas Aluminium Works, Grove St., Birmingham; and Danesbury, Alderbrook Road, Solihull, Bir- mingham.
1898.	MILLS, GEORGE PILKINGTON..	{ Castle Bldgs., West St., Durban, Natal [ <i>Metallic, Durban.</i> ]; and Furnheim, Rosetta Rd., Durban, Natal.
1899. A.M. 1912. M. }	MILLS, JOSEPH AMOS .. ..	{ Chief Eng., Melbourne Ice-Skating and Refrigerating Co., 16 City Rd., South Melbourne, Victoria. Elevator Dock, Silvertown, E.
1897.	MILLS, WILLIAM .. .. .	{ Messrs. James J. Niven & Co., Hunter Street, Wellington, New Zealand.
1887.	MILNE, WILLIAM .. .. .	{ Managing Director, Vacuum Brake Co., 32 Queen Victoria Street, E.C. [ <i>Solution, London. Bank</i> <i>5534.</i> ]
1898. A.M. 1902. M. }	MINDO, ARNOLD WALDEMAR ..	{ Engineer's Office, Harbour Im- provement Works, Whitby.
1911.	MITCHELL, ALFRED HILLYARD	{ Caxton House, Westminster, S.W. Manager, Sugar Machinery Mfg. Co., 76 Elsham Rd., W.
1914.	{ MITCHELL, ARCHIBALD CHARLES .. .. .	{ Hem Heath, Trencham, Stoke-on- Trent. Smithfield Works, Sherlock Street, Birmingham. [ <i>Method, Bir- mingham.</i> ]
1898.	MITCHELL, GEORGE.. .. .	{ Near Omori Station, Tokyo, Japan.
1902. A.M. 1912. M. }	MITCHELL, JAMES .. .. .	{ K. K. Nihon Seiko-Sho, Bokoi, Murozan, Hokkaido, Japan.
1913.	MITCHELL, PERCY JOSÉ ..	{ 7 Lansdowne Crescent, Notting Hill, W.
1907.	MITCHELL, ROBERT .. .. .	{ Ingenio "La Mendieta," La Men- dieta, F.C.C.N., Jujuy, Arg. Rep.
1892.	MITCHESON, GEORGE ARTHUR	{ Oakland House, East Dulwich Road, S.E.
1899.	MITTON, EDWARD MOSS .. ..	
1897.	{ MIYABARA, Eng. Vice-Admiral BARON JIRO, I.J.N. .. .. }	
1907.	{ MIZUTANI, Eng. Rear-Admiral YOSHIHIKO, I.J.N. .. .. }	
1906.	MOBERLY, JAMES EDWARD ..	
1909. A.M. 1913. M. }	MOFFAT, DAVID.. .. .	
1896.	MOFFATT, ALEXANDER CHARLES	

Date of Election  
and of Transfer.

1903. A.M.}	MOFFET, JAMES SCOTT DUN-	} Genl. Manager, West Ham Corpn. Tramways, Greengate St., Plaistow, E.
1906. M.}	CAN .. .. .	
1879.	{ MOLESWORTH, Sir GUILFORD LINDSAY, K.C.I.E. .. .. .	} The Manor House, Bexley, Kent.
1905.	{ MOLESWORTH, WALTER HENDERSON .. .. .	
1907.	MOLLOY, CHARLES PATRICK ..	} Dist. Loco. Supt., S. Mahratta Rly., Hubli, India.
1913.	MOLYNEUX, THOMAS .. .. .	
1905.	{ MONEY-KENT, JULIAN MONEY VERNON .. .. .	} 121 Victoria St., Westminster, S.W. [Victoria 1156.]
1897.	{ MONKHOUSE, EDWARD WYNDHAM .. .. .	
1902.	MONKS, FREDERICK WILLIAM	} Managing Director, Messrs. Monks, Hall & Co., Warrington.
1884.	MONROE, ROBERT .. .. .	
1902. G.}	} MONTAGUE, GRAHAM .. .. .	} Public Works Ministry, Mechanical Service, Cairo, Egypt.
1903. A.M.}		
1913. M.}	} MONTGOMERY, CHARLES HUBERT .. .. .	} F. C. Central Argentino, Rosario de Sta. Fé, Arg. Rep.
1897. G.}		
1902. A.M.}	} MOODY-STUART, ALEXANDER ..	} Annat, Errol.
1912. M.}		
1906. A.M.}	} MOON, EDGAR RUPERT .. .. .	} Cloudeleigh, Brixton, Plymouth.
1911. M.}		
1894. G.}	} MOON, JAMES GEORGE .. .. .	} Messrs. C. & E. Morton, West Ferry Rd., Millwall, E.; and 14 Toronto Rd., Ilford.
1898. M.}		
1903. A.M.}	} MOORE, GEORGE EDWARD .. .. .	} 329 W. Cambridge St., Alliance, Ohio, U.S.
1906. M.}		
1900. A.M.}	} MOORE, JAMES .. .. .	} Timaru, Andover Down, Andover.
1907. M.}		
1895. A.M.}	} MOORE, THOMAS LAMB .. .. .	} 1 Cromwell Rd., Belfast.
1901. M.}		
1912.	MOORE, WILLIAM GEORGE ..	} The Grange, 347 Bristol Rd., Edgbaston, Birmingham.
1913.	MOORHOUSE, SAMUEL .. .. .	
1910.	MORCOM, REGINALD KEBLE ..	} Messrs. Belliss & Morcom, Ledsam St., Birmingham.
1880.	MORELAND, RICHARD .. .. .	
1911.	MORGAN, LEWIS HENRY .. .. .	} 80 Goswell Rd., E.C. [ <i>Expansion, London.</i> ] 705 West Front St., Plainfield, N.J., U.S.
1887.	{ MORISON, DONALD BARNES (Member of Council) .. .. .	
1907.	MORLEY, ARTHUR .. .. .	} Messrs. T. Richardson & Sons, Hartlepool Engine Works, Hartlepool.
1896.	MORLEY, HERBERT WILLIAM	
1888.	MORRIS, CHARLES .. .. .	} 6 Rectory Drive, Gosforth, Newcastle-on-Tyne. 16 Tanfield Chambers, Bradford. [4977.] c/o Messrs. Jessop & Co., 156 Leadenhall St., E.C.

Date of Election  
and of Transfer.

1902. G.	} MORRIS, CYRIL CLARKE BO- VILLE .. .. . }	Fire Brigade, Southwark, S.E.
1908. A.M.		
1914. M.		
1898.	MORRIS, JOHN .. .. . }	Royal Technical Institute, Salford, Manchester.
1890.	{ MORRIS, JOHN ALFRED ( <i>Life</i> <i>Member</i> ).. .. . }	Empire Engineering Co., Empire Works, Clarendon Rd., Salford, Manchester.
1901. A.M.	} MORRIS, ROBERT EDMUND ..	Metrop. Water Board, New River Works, Finsbury Park, N.
1905. M.		
1904. A.M.		
1908. M.	MORRIS, ROBERT HENRY ..	Messrs. Hieron Rolfe & Co., 3/1 Mangoe Lane, Calcutta.
1908.	MORRISON, FREDERICK THOMAS	Education Dept., Grahamstown, Cape Colony.
1913.	MORRISON, JAMES SMITH ..	Res. Eng., Secondee Water Works, Gold Coast, West Africa.
1903.	MORRISON, RALPH PERCY ..	Allerton, Old Avenue, Weybridge.
1906.	MORRISON, WILLIAM LAZONBY	Genl. Manager, Messrs. Morrison & Co., Fundicion Nacional, Val- paraiso, Chile.
1907.	{ MORTIMER, Eng. Commander JOHN ERNEST, R.N., ret. ..	34 Victoria Street, Westminster, S.W. [ <i>Remitrom, London. Vic- toria 1964.</i> ]
1902.	MORTIMORE, WILLIAM .. ..	Hawthorn Villa, Grosvenor Rd., Altrincham.
1914.	MORTON, GEORGE ERNEST ..	Chief Mech. Eng., Central Cordoba Rly., Alta Cordoba, Arg. Rep.
1905.	{ MORTON, THOMAS MORTON GRAY .. .. . }	Managing Director, Belhaven Ltd., Wishaw.
1914.	MORTON, WILLIAM HERBERT	Assist. Loco. Supt., Midland Gt. Western Rly., Broadstone Station, Dublin.
1910. A.M.	} MOSDEN, FREDERICK CHARLES	26 Waterloo Street, Calcutta, India.
1913. M.		
1886.	MOUNTAIN, WILLIAM CHARLES	{ Close Works, Newcastle-on-Tyne [ <i>Esco, Newcastle-on-Tyne. 1259.</i> ]; and 8 Sydenham Terrace, New- castle-on-Tyne.
1902. A.M.	} MOWAT, MAGNUS .. .. . }	Port of London Authority, India and Millwall Docks, E.
1905. M.		
1901.	MOWAT, THOMAS .. .. . }	Managing Director, Messrs. Harpers Ltd., Aberdeen.
1909.	MOWER, CHARLES HUDSON ..	Chief Eng., Sturtevant Engineering Co., 147 Queen Victoria Street, E.C.
1884.	{ MOWER, GEORGE A. ( <i>Life</i> <i>Member</i> ) .. .. . }	Sturtevant Engineering Co., 147 Queen Victoria St., E.C. [ <i>Crosby, London. Bank 509.</i> ]
1893. A.M.	} MOYLAN, WILLIAM MORGAN ..	c/o Messrs. Grindlay & Co., Cal- cutta.
1901. M.		
1876.		
1890.	MUMFORD, CHARLES EDWARD	66 Parrock St., Gravesend.
1897.	MUNRO, EDWARD MAY .. ..	Cross Roads House, Bouverie Rd., Folkestone.
1910.	MUNRO, HUGH .. .. . }	Messrs. Brecknell, Munro & Rogers, Finsbury Pavement House, E.C.
		Collingwood, Blairheath Road, Burnside, Glasgow.

Date of Election  
and of Transfer.

1890.	MUNRO, Professor JOHN .. ..	{ Merchant Venturers' Technical College, Unity Street, Bristol.
1890.	MUNRO, ROBERT DOUGLAS .. ..	{ Regent Chbrs., 181 West Regent St., Glasgow. [ <i>Wattage, Glasgow. Douglas 1967.</i> ]
1910.	{ MUNTZ, Sir GERARD ALBERT, Bart. ( <i>Member of Council</i> ) .. ..	{ Manag. Director, Muntz's Metal Co., French Walls Works, Birmingham.
1902. A.M. }	MURPHY, WILLIAM .. ..	Messrs. F. Reddaway & Co., Pendleton, Manchester.
1911. M. }		
1890.	{ MURRAY, KENNETH SUTHERLAND .. ..	{ British Oxygen Works, Elverton St., Westminster, S.W. [ <i>Westminster 111.</i> ]
1911.	MURRAY, LEE .. ..	{ 10 Norfolk Street, Strand, W.C. [ <i>Farrumel, London. Central 5593.</i> ]
1901. A.M. }	MURRAY, PETER BUTCHART .. ..	Messrs. Sturrock and Murray, Victoria Dock, Dundee.
1911. M. }		
1894.	MURRAY, THOMAS ROBERTS .. ..	{ Managing Director, Messrs. Spencer & Co., Melksham.
1902.	MUSGRAVE, FRANK EVERARD	{ Globe Iron Works, Bolton. [ <i>Musgrave, Bolton.</i> ]
1899.	MUSGRAVE, JOHN RICHARD .. ..	{ Crown Point Foundry, East St., Leeds. [1226.]
1897.	MUSKER, ARTHUR .. ..	{ 61 Lincoln's Inn Fields, W.C. [ <i>Holborn 1483.</i> ]
1897.	MUSKER, CHARLES .. ..	{ 50 Stanwick Mansions, West Kensington, W.
1901.	MUTTER, WILLIAM .. ..	{ c/o William Cumming, Lumsden, Southland, New Zealand.
1901.	MYERS, HENRY SUTCLIFFE .. ..	{ Messrs. Myers Brothers, Star Works, Wortley, Leeds.
1906.	NAPIER, JOHN STEWART .. ..	{ Earlsdon House, Coventry. [ <i>Consult, Coventry. 146.</i> ]
1899.	NASBEY, GEORGE WILLIAM .. ..	{ 59 Bath Rd., Banbury.
1907. A.M. }	NASMITH, JOHN .. ..	{ Wolseley Tool & Motor Car Co., Adderley Park, Birmingham.
1918. M. }		
1888.	NATHAN, ADOLPHUS .. ..	{ Messrs. Larini Nathan & Co., Milan; and 15 Via Bigli, Milan, Italy.
1898.	NAYLOR, TOM HYDE .. ..	{ Otto Coke Oven Co., Post Office House, Leeds; and Laurel Mount, Newton Park, Leeds.
1908. A.M. }	NEACHELL, EDWARD JOHN .. ..	{ Liverpool Overhead Rly. Co., 31 James St., Liverpool.
1908. M. }		
1899. A.M. }	NEAL, ROBERT HENRY .. ..	{ 8 Fielding Terrace, Ealing Common, W.
1909. M. }		
1883.	NEATE, PERCY JOHN .. ..	{ 49 Frognal, Hampstead, N.W.
1889.	NEEDHAM, JOSEPH EDWARD .. ..	{ Patent Office, 25 Southampton Bldgs., W.C.
1902.	NEIL, ALEXANDER .. ..	{ Rawsthorne, Walshaw Avenue, Colwyn Bay.

Date of Election  
and of Transfer.

1900. A.M.)	NEILSON, ROBERT MORRISON	Atlantic Chbrs., 45 Hope St., Glasgow. [ <i>Momentum, Glasgow. P.O. Central 4755.</i> ]
1910. M.)		
1906.	NELSON, GEORGE .. .. .	Messrs. Jas. J. Niven & Co., 38 Lime St., E.C.
1895. A.M.)	NESBIT, DAVID MEIN .. .. .	Ashwell Lodge, Barkby Lane, Leicester.
1898. M.)		
1903.	NESBITT, ALEXANDER WALTER	Paulatim, Bearsden, Glasgow.
1909.	NESS, GEORGE .. .. .	Chief Eng., Scottish Boiler Insurance Co., 174 West George St., Glasgow.
1912.	{ NEVILL, WALTER ELPHINSTONE .. .. .	{ Loco. and Carr. Supt., Uganda Rly., Nairobi, Brit. E. Africa.
1913.	NEWALL, JOHN FENTON .. .. .	Calico Printers' Association, St. James's Bldg., Oxford Rd., Manchester.
1896. A.M.)	NEWELL, ERNEST .. .. .	Messrs. Ernest Newell & Co., Misterton, Gainsborough. [ <i>Woods, Misterton.</i> ]
1904. M.)		
1897. A.M.)	NEWMAN, REGINALD WILLIAM	Irrigation Dept., P.O. Box 40, Cradock, Cape Colony.
1901. M.)		
1902.	NEWMAN, WILLIAM EDWIN ..	Works Manager, Mid. & G.N. Joint Rly., Melton Constable, Norfolk.
1908. A.M.)	NEWTON, EDGAR VENABLES ..	Messrs. Ruston, Proctor & Co., 46 Queen Victoria St., E.C.
1913. M.)		
1897.	NEWTON, THOMAS GEORGE ..	Monte Rosa, Cumberland Park, Acton, W.
1905.	NIBLOCK, FREDERICK .. .. .	Supt. Eng., Tanjong Pagar Dock Board, Singapore, Straits Settlements.
1911.	NICE, PEARCE SAVELL .. .. .	Fabrica de Cañeria de Plomo, Casilla 4109, Valparaiso, Chile.
1906. A.M.)	NICHOLL, FREDERICK MICHELL	Oorgaum, Mysore State, South India.
1911. M.)		
1884.	NICHOLLS, JAMES MAYNE ..	Genl. Manager, Nitrate Railways Co., Iquique, Chile.
1884.	NICHOLSON, HENRY .. .. .	39 Mayfield Rd., Alexandra Park, Manchester.
1907.	NICHOLSON, HENRY PERCY ..	30 Crane's Buildings, Wellington Place, Belfast.
1907.	{ NICHOLSON, Eng. Lieut. JAMES BELL, R.N. .. .. .	{ H.M.S. "Isis," c/o Postmaster General, E.C.
1894.	{ NICHOLSON, JOHN RUMNEY, C.M.G. .. .. .	{ Tanjong Pagar Dock Board, Singapore, Straits Settlements.
1911.	NICOL, GEORGE ANDREW ..	Lancashire and Yorkshire Rly. Bldgs., Victoria Square, Hull.
1899.	NICOL, ROBERT GORDON ..	Harbour Engineer, Aberdeen.
1909.	NICOLL, HARRY HOME .. .. .	Port of Para Docks and Shipyards Dept., Caixa 448, Para, Belem, Brazil.
1911.	{ NIELSEN, JENS PETER CHRISTIAN .. .. .	{ Messrs. G. Hartmann, Dronningensgade, Christiania, Norway.
1912.	NIXON, WILLOUGHBY FRANCIS	Messrs. Percy Grant & Co., 25 De Mayo 158, Buenos Aires, Arg. Rep.
1902.	NOAKES, THOMAS ELIAS .. .. .	Berwyn, Hurst Road, Bexley, Kent.

Date of Election  
and of Transfer.

1886.	NOAKES, THOMAS JOSEPH ..	{ 66 Onslow Gardens, Muswell Hill, N.
1884.	NOAKES, WALTER MAPLEDEN	{ Long Rede, Barming, Maidstone.
1909.	NOLET, PAUL .. .. .	{ 745 Chaussée de Waterloo, Brussels, Belgium.
1913.	NORFOLK, TOM LORD .. ..	{ Dock Engineer's Dept., Mersey Docks & Harbour Board, Liverpool.
1904.	NORMAN, JAMES .. .. .	{ 247A Cavendish Road, Balham, S.W.
1892.	NORRIS, WILLIAM .. .. .	{ Peter Pilkington Ltd., Dowry Iron Works, Bamber Bridge, Preston.
1912.	NORTH, JOHN FREDERICK ..	{ Chief Eng., Pará Electric Rlys., Box 29, Pará, North Brazil.
1900.	NORTHEY, PERCY WILBRAHAM	{ Rolls-Royce Ltd., 14 & 15 Conduit St., W.
1905.	{ NUGENT, Major CHARLES HUGH HODGES, R.E. .. ..	{ Office of Director-General, Military Works, Simla, India.
1898.	NUTT, GEORGE BEAUMONT ..	{ European Commission of the Danube, Sulina, Roumania.
1885.	{ OAKES, Sir REGINALD LOUIS, Bart. .. .. .	{ Genl. Manager, Cairo Electric Rlys. and Heliopolis Oases Co., Cairo, Egypt.
1887.	O'BRIEN, BENJAMIN THOMPSON	{ 30 Slater St., Liverpool.
1887.	O'BRIEN, JOHN OWDEN .. ..	{ Lloyd's Bank Bldgs., Corner King St. and Cross St., Manchester. [Owden, Manchester.]
1900. A.M.) 1913. M.)	OCKENDEN, MAURICE ALBION	{ Dashwood House, 9 New Broad St., E.C.
1888.	O'DONNELL, JOHN PATRICK ..	{ Palace Chbrs., 9 Bridge St., Westminster, S.W.; and Walton Lodge, Banstead, Surrey. [O'Donnell, London. Gerrard 8118.]
1889.	OGDEN, FRED .. .. .	{ Patent Office, 25 Southampton Bldgs., W.C.
1909.	OGLETHORPE, WILLIAM ALLAN	{ Mech. Supt., Mersey Docks and Harbour Board, Dock Office, Liverpool.
1903. A.M.) 1906. M.)	O'GORMAN, MERVYN, C.B. ..	{ Royal Aircraft Factory, South Farnborough, Hants.
1893.	OKE, FRANCIS ROBERT .. ..	{ Admaston Cottage, Wistaston, Nantwich.
1909.	OKOLSKI, STANISLAW JAN ..	{ Messrs. Bracia Geisler, Okolski & Patschke, 114 Leszno St., Warsaw, Russian Poland.
1913.	{ OLDFIELD, FREDERICK WILLIAM .. .. .	{ Gas and Water Eng., Gas and Water Offices, Hull Road, Beverley.
1901.	OLDHAM, FRED .. .. .	{ Messrs. Alexander Oldham & Sons, Dukinfield. [Weldless, Dukinfield. Hyde 8.]

Date of Election  
and of Transfer.

1900.	OLDHAM, THOMAS .. .. .	{ Messrs. Alexander Oldham & Sons, Dukinfield. [ <i>Weldless, Dukin- field. Hyde 8.</i> ]
1905. A.M. } 1911. M. }	O'NEIL, RODOLPH STUART ..	16 Lee Road, Blackheath, S.E.
1906.	O'NEILL, JOHN .. .. .	{ 27 Rochester Square, Camden Rd., N.W.
1910.	{ ORAM, Eng. Vice-Admiral Sir HENRY JOHN, K.C.B., F.R.S. ( <i>Member of Council</i> ) .. .. .	Engineer-in-Chief of the Fleet, Admiralty, S.W.
1899.	ORCUTT, HARRY FRED LEE ..	Rowington Hall, near Warwick.
1902.	ORDE, EDWIN LANCELOT ..	{ Sir W. G. Armstrong, Whitworth & Co., Walker Shipyard, New- castle-on-Tyne.
1885.	{ ORMEROD, RICHARD OLIVER ( <i>Life Member</i> ) .. .. .	Moorend Park Lawn, Cheltenham.
1899.	{ ORMSBY, ALFRED STEWART AUGUSTUS .. .. .	Patent Office, Staple Inn, Holborn, W.C.
1902.	ORMSBY, EDWARD STUART ..	{ Messrs. C. P. Sandberg, Palace Chbrs., 9 Bridge St., West- minster, S.W.
1897.	ORR, CHARLES ROGER .. ..	{ Managing Director, Messrs. James F. Low & Co., Monifieth Foundry, Monifieth, Dundee.
1902. A.M. } 1905. M. }	ORR, Professor JOHN .. ..	Transvaal University College, P.O. Box 1176, Johannesburg, Trans- vaal.
1907.	ORRELL, JOHN TURTON .. ..	7 Fairfield Avenue, Fairfield, Man- chester.
1899.	OSBORNE, THOMAS PETER ..	{ Elvaston, Vicarage Way, Gerrard's Cross, Bucks.
1907. A.M. } 1911. M. }	OSWALD, JAMES .. .. .	{ Sleaford Foundry, Nine Elms Lane, S.W.
1906.	OWEN, THOMAS .. .. .	{ Cotswold, Boldmere Rd., Erding- ton, Birmingham.
1902. A.M. } 1911. M. }	OWSTON, WILLIAM HENRY ..	{ Messrs. John Russell & Co., Alma Tube Works, Walsall.
1903.	OXLADE, HENRY JOHN WILSON	{ St. Stephen's House, Westminster, S.W. [ <i>Gerrard 881.</i> ]
1908.	PACK, ALBERT EDWARD ..	{ P.O. Box 8, Premier Mine, Trans- vaal.
1912.	PAGE, FREDERICK JAMES ..	{ Loco. and Carr. Supt., Bombay, Baroda and Central India Rly., Bombay.
1901. A.M. } 1905. M. }	PAGE, JAMES HANDFORD ..	32 African House, 6 Water St., Liverpool. [ <i>Indicator, Liverpool. Central 2486.</i> ]
1908. A.M. } 1913. M. }	PAGE, JOHN HENRY .. ..	{ Resident Mech. Eng., Metropolitan Rly., Power Stn., Neasden, N.W.
1905.	PAGET, CECIL WALTER .. ..	{ General Supt's. Office, Midland Rly., Derby.
1910.	PAIN, ALBERT CHARLES .. ..	{ Messrs. Belliss and Morcom, Led- sam St., Birmingham.

Date of Election  
and of Transfer.

1912.	PARAMOR, JOHN .. .. .	{ Managing Director, Watford Engineering Works, Watford.
1909.	PARDOE, HARRY .. .. .	{ Brunswick House, Malvern Rd., Acocks Green, Birmingham.
1897. A.M. 1900. M.)	PARISH, CHARLES EDWARD ..	31 Hanger Lane, Ealing, W.
1898.	PARK, CHARLES ARCHIBALD ..	{ Elmhurst, Carew Road, Eastbourne.
1911.	PARK, GEORGE MOLYNEUX ..	Roden, Blackburn.
1905.	PARKER, JOHN HENRY .. ..	{ 1 Cliff Gardens, Frodingham, Doncaster.
1906.	PARKER, JOSEPH EDMUNDSON	{ P.O. Box 334, Bulawayo, Rhodesia.
1891.	PARKER, THOMAS, F.R.S.E. ..	{ Severn House, Iron-Bridge, S.O., Salop.
1910. A.M. 1912. M.)	PARKINSON, BERNARD ROBERT	{ 420 Salisbury House, London Wall, E.C.
1902. A.M. 1907. M.)	PARKINSON, CHARLES FRED- ERICK .. .. .	{ Res. Eng., Corpn. Electricity Works, Blackhall, Paisley.
1895. A.M. 1895. M.)	PARKINSON, HUDSON CLOUGH	{ Engineer's Office, Cumberland Basin, Bristol Docks, Bristol.
1899.	PARRACK, WILLIAM THOMAS ..	{ Rochester Bldgs., 138 Leadenhall St., E.C.
1892.	PARRATT, WILLIAM HEATHER	{ Creek House, Canje, Berbice, British Guiana.
1892.	PARROTT, THOMAS HENRY ..	{ Fairlight, Westfield Rd., Edgbaston, Birmingham.
1886.	PARRY, ALFRED .. .. .	{ Staveley, Sandheys, Waterloo, Liverpool. [ <i>Revolving, Liverpool. Waterloo 770.</i> ]
1900.	PARRY-JONES, RICHARD .. ..	{ Salvage Assocn., Lake Dept., 862 Rockefeller Bldg., Cleveland, Ohio, U.S.
1914.	{ PARSONS, The Hon. Sir CHARLES ALGERNON, K.C.B., LL.D., D.Sc., F.R.S. .. .. .	{ Heaton Works, Newcastle-on-Tyne. [Former Member 1882-87.]
1898. A.M. 1914. M.)	PARSONS, HARRY .. .. .	{ Parsons Motor Co., Town Quay, Southampton. [ <i>Motors, Southampton. 342.</i> ]
1878.	{ PARSONS, The Hon. RICHARD CLERE .. .. .	{ 39 Victoria St., Westminster, S.W. [ <i>Outfall, London.</i> ]; and 48 Prince's Gardens, S.W.
1904.	{ PARTRIDGE, HENRY RALPH CHAMPION .. .. .	{ 6 Church Row, Putney Bridge, Fulham, S.W.
1886.	PASSMORE, FRANK BAILEY ..	{ Suffolk House, 5 Laurence Pountney Hill, E.C. [ <i>Knarf, London.</i> ]
1896.	{ PATCHELL, WILLIAM HENRY (Member of Council) .. ..	{ Caxton House, Tothill St., Westminster, S.W. [ <i>Patchell, London. Victoria 898.</i> ]
1911.	PATEL, ARDESHIR KAVUSJEE ..	{ Ohmiar Foundry and Engineering Works, Motesha Rd., Mazgaon, Bombay.
1912.	PATERSON, ALEXANDER .. ..	{ Messrs. Dick, Kerr & Co., Abchurch Yard, Cannon St., E.C.
1903. A.M. 1908. M.)	PATERSON, SYDNEY .. .. .	{ Tudor House, West Over Cliff Drive, Bournemouth.
1880. G. 1884. M.)	PATERSON, WALTER SAUNDERS	27 St. Stephen's Rd., Ealing, W.



Date of Election  
and of Transfer.

1910.	PATERSON, WILLIAM .. ..	{	Managing Director, Paterson Engineering Co., 12 Norfolk Street, Strand, W.C.
1902. A.M.)	PATEY, ARTHUR PETTMAN ..	{	H.M. Office of Works, Storey's Gate, Westminster, S.W.
1908. M.)			
1877.	{ PATON, JOHN McCOLURE CALD- WELL .. .. .	{	Messrs. Manlove Alliott & Co., Bloomsgrove Works, Ilkeston Rd., Nottingham. [ <i>Manloves, Nottingham.</i> ]
1881.	PATTERSON, ANTHONY .. ..	{	Dowlais Iron Works, Cardiff; and 9 Glossop Terrace, Cardiff.
1891.	PAUL, MATTHEW .. .. .	{	Levenford Works, Dumbarton.
1872.	PAXMAN, JAMES NOAH .. ..	{	Standard Iron Works, Colchester. [ <i>Paxman, Colchester.</i> ]
1900. A.M.)	PAYNE, PROFESSOR HENRY ..	{	The University, Melbourne, Victoria.
1903. M.)			
1905. A.M.)			
1915. M.)	PAYNE, RAYMOND .. .. .	{	62 London Wall, E.C.
1880.	PEACHE, JAMES COURTHOPE ..	{	The Mount, Haywards Heath.
1869.	PEACOCK, RALPH .. .. .	{	Gorton Foundry, Manchester; and Charters, Ascot.
1899. A.M.)	PEARCE, STANDEN LEONARD ..	{	Corpn. Electric Light Stn., Dickinson St., Manchester.
1902. M.)			
1911.	PEARCE, WALTER RICHARD ..	{	c/o Messrs. Grindlay, Groom and Co., Bombay.
1884.	PEARSON, FRANK HENRY ..	{	4 Whitefriargate, Hull. [ <i>Deceased Feb. 1915.</i> ]
1911.	PEARSON, HENRY LAWRENCE	{	Municipality, Rangoon, Burma.
1906.	PEARSON, JAMES .. .. .	{	15 Hornby Row, Fort, Bombay.
1914.	{ PEARSON, ROBERT JAMES BAILLIE .. .. .	{	46 Longton Grove, Sydenham, S.E.
1904. A.M.)	PEARSON, THOMAS WILLIAM ..	{	Loco. Supt. and Works Manager, Alexandra (Newport and South Wales) Docks and Rly., Newport, Mon.
1907. M.)			
1901.	PEART, JOHN .. .. .	{	Stafford St., East Brisbane, Queensland.
1903.	PECKETT, THOMAS .. .. .	{	Atlas Locomotive Works, Bristol. [ <i>Peckett, Bristol. 7306.</i> ]
1898. A.M.)	PEDLEY, HEBER ISAAC .. ..	{	Messrs. Rudge-Whitworth, Rea St. South, Birmingham.
1902. M.)			
1888.	PEEL, CHARLES EDMUND .. ..	{	Swansea.
1899.	PEET, JAMES .. .. .	{	8 Stafford Street, Derby.
1898.	PEET, WILLIAM GADSBY .. ..	{	Loco. Dept., Midland Rly., Bristol; and 57 Salisbury Rd., Redland, Bristol.
1906. A.M.)	PEIRCE, HARRY BOYD .. ..	{	General Supt., Public Works Workshops, Mint Buildings, Madras.
1914. M.)			
1908. A.M.)	PEMBERTON, ALFRED .. ..	{	Messrs. Craven Brothers, Reddish, Stockport.
1914. M.)			
1903.	PENDLEBURY, CHARLES .. ..	{	Heath Lodge, Alderley Edge, Manchester.
1896. A.M.)	PENDRED, LOUGHNAN ST. LAW- RENCE .. .. .	{	33 Norfolk St., Strand, W.C.
1907. M.)			
1873.	PENN, WILLIAM .. .. .	{	St. Albans Court, Dover.
1912.	{ PENWARDEN, CHARLES WILLIAM HARRY .. .. .	{	Manager, Gun Carriage Factory, Jubbulpore, India.

Date of Election  
and of Transfer.

1904. G.	} PERCY, HARRY LEONARD ..	{ Colombo Electric Tramways and Lighting Co., Colombo, Ceylon.
1910. A.M.		
1913. M.	} PERRY, THOMAS WILLIAM WESTON .. .. .	{ Savings Bank Bldgs., St. George's St., Cape Town, Cape Colony.
1905. A.M.		
1910. M.	{ PERRY, WILLIAM FREDERICK SUCKLING .. .. .	{ Bombay Burma Trading Corpn., Rangoon, British Burma.
1904.		
1893. A.M.	} PERTWEE, HERBERT ARTHUR	{ Nelson Iron Works, Great Yar- mouth. [ <i>Pertwee, Great Yar-</i> <i>mouth.</i> 0178.]
1913. M.		
1914.	{ PETAVEL, Professor JOSEPH ERNEST, B.Sc., F.R.S. ..	{ Whitworth Engineering Laborato- ries, The University, Manchester.
1894. A.		
1900. A.M.	} PETERS, LINDSLEY BYRON ..	{ Moorgate Works, Moorfields, E.C. [ <i>Peters, London.</i> ]
1905. M.		
1906.	PETIZ, JORGE AUGUSTO .. ..	{ Estrada de Ferro Central do Brazil, Rio de Janeiro, Brazil.
1900. A.M.	} PETTER, ERNEST WILLOUGHBY	{ 73 Queen Victoria St., E.C. [ <i>Escapable, London. City</i> 9800.]
1904. M.		
1894. G.	} PETTER, PERCIVAL WADDAMS	{ Works Manager, Nautilus Works, Yeovil. [ <i>Petter, Yeovil.</i> ]
1899. A.M.		
1914. M.		
1898.	PETTIGREW, WILLIAM FRANK	{ Loco. Supt., Furness Rly., Barrow- in-Furness.
1906. A.M.	} PETTIT, CHARLES WILLIAM ..	{ Deputy Res. Eng., Govt. Water Works, Accra, Gold Coast Colony, W. Africa.
1911. M.		
1906. A.M.	} PETTIT, WALTER RICHARD ..	{ Aircraft Manufacturing Co., Edg- ware Road, Edgware, Middx. 3 St. Helen's Place, E.C.
1913. M.		
1914.	PFEIFFER, ALOIS JOHN JOSEPH	3 St. Helen's Place, E.C.
1893.	PHILIP, WILLIAM LITTLEJOHN	Strathavon, Melksham.
1905. A.M.	} PHILLIPS, Captain FRANK HUGH, A.O.D. .. .. .	{ 8 Officers' Quarters, Governor Lane, Gibraltar.
1911. M.		
1885.	{ PHILLIPS, Sir LIONEL, Bart. ( <i>Life Member</i> ) .. .. .	{ Messrs. Wernher, Beit & Co., 1 London Wall Bldgs., E.C.
1879. G.		
1884. M.	} PHILLIPS, ROBERT EDWARD ..	{ 70 Chancery Lane, W.C. [ <i>Phicycle,</i> <i>London. Central</i> 7518.]
1902.		
1900. A.M.	} PHILLIPS, WILLIAM .. .. .	{ Loco. Dept., G.W. Rly., Bristol. Electric Light Dept., Cape Govt. Railways, Cape Town, Cape Colony.
1903. M.		
1894.	PICKERING, JONATHAN .. ..	{ Baltic Chbrs., 50 Wellington St., Glasgow. [6180.]
1912.	PIERCE, ROBERT CECIL .. ..	{ Genl. Manager, Cambridge Electric Supply Co., Thompson's Lane, Cambridge.
1905. A.M.	} PIERCY, GEORGE FREDERICK	53 and 54 Broad St., Birmingham.
1908. M.		
1888. G.	} PILKINGTON, HERBERT .. ..	{ Sheepbridge Iron Works, Chester- field.
1890. M.		
1897. A.M.	} PILLING, HENRY .. .. .	{ Genl. Manager, Messrs. Galloways, Ltd., Knott Mill Iron Works, Manchester.
1899. M.		
1912.	PILLING, JAMES .. .. .	{ National Boiler and General Insee. Co., St. Mary's Parsonage, Manchester.
1892.	PINDER, CHARLES RALPH ..	{ c/o Messrs. Dickeson and Stewart, 94 Queen Victoria St., E.C.

Date of Election  
and of Transfer.

1908. A.M.)	PINSENT, SIDNEY HUME ..	{ Messrs. Pinsent Mathews & Co., Necochea 655, Buenos Aires, Arg. Rep.
1911. M.)		
1892.	PIRIE, GEORGE .. .. .	{ 270 Plumstead Common Road, Plumstead.
1888.	{ PIRRIE, The Right Hon. Lord, K.P., P.C., LL.D. .. ..	{ c/o Messrs. Harland & Wolff Ltd., 1A Cockspur Street, Charing Cross, S.W.
1883.	{ PITT, WALTER ( <i>Member of</i> <i>Council</i> )	{ Newark Foundry, Bath. [ <i>Stoherth,</i> <i>Bath.</i> ]
1887.	PLACE, JOHN .. .. .	{ Messrs. Wheatley Kirk, Price & Co., 46 Watling St., E.C. [ <i>Indices, London: Bank 5077.</i> ]
1899.	PLATT, FRANCIS JAMES .. ..	{ Dudbridge Iron Works, Stroud, Glos.
1903.	PLATT, FRED .. .. .	{ King's Hill Foundry, Wednesbury. [ <i>Platt, Wednesbury. 60.</i> ]
1903.	PLATT, ISAIAH .. .. .	{ King's Hill Foundry, Wednesbury. [ <i>Platt, Wednesbury. 60.</i> ]
1869.	PLAYER, JOHN ( <i>Life Member</i> )	{ Thirlestaine Hall, Cheltenham.
1912.	PLOWRIGHT, JOHN TEBBUTT ..	{ Craig Owen, Withernsea, Hull.
1903. A.M.)	POCOCK, JAMES HERBERT ..	{ Messrs. Willans & Robinson, Vic- toria Works, Rugby.
1911. M.)		
1888.	POGSON, JOSEPH .. .. .	{ 1 Whinneyfield, Halifax.
1907.	POLLARD, GEORGE .. .. .	{ c/o The Royal Automobile Club, Pall Mall, S.W.
1893.	POLLIT, EDWARD ERNEST ..	{ Bank Foundry, Sowerby Bridge.
1904.	POLLOCK, WALTER .. .. .	{ 3 Lloyds Avenue, E.C. [ <i>Specific,</i> <i>London. Central 493 (3 lines).</i> ]
1914.	POMEROY, LAURENCE HENRY	{ Vauxhall Motors Ltd., Luton.
1898.	POOLEY, HENRY .. .. .	{ St. Just, Chew Hill, Chew Magna, Bristol.
1902.	POPE, WILLIAM WALLER ..	{ Hatfield, The Grove, Slough.
1898. A.M.)	PORRITT, LOUIS ALFRED ..	{ Messrs. William Tatham & Co., Vulcan Works, Rochdale.
1901. M.)		
1897. A.M.)	PORTER, STANLEY WILLIAM ..	{ 32 Queen Victoria St., E.C.
1914. M.)		
1905. A.M.)	POTTER, HENRY SAMUEL ..	{ Flottmann Engineering Co. (S.A.), P.O. Box 5510, Johannesburg, Transvaal.
1911. M.)		
1890.	POTTER, WILLIAM HENRY ..	{ Temple Bldgs., Albert St., Notting- ham.
1878.	POWEL, HENRY COKE .. ..	{ 1 Vancouver Rd., Catford, S.E. [ <i>Ovi- fuel, London. Sydenham 2007.</i> ]
1907. A.M.)	POWELL, HERBERT JAMES	{ Royal Societies Club, St. James's Street, S.W.
1914. M.)		
1906. A.M.)	POWELL, WILLIAM HOWARD	{ 5 Harewood Hill, Darlington.
1910. M.)		
1891.	{ POWLES, HENRY HANDLEY	{ 90 Oakley St., Chelsea, S.W.
	{ PRIDHAM .. .. .	
1867.	PRATCHITT, JOHN .. .. .	{ Denton Iron Works, Carlisle.
1910.	PRATT, CHARLES ALFRED ..	{ Norfolk House, Laurence Pountney Hill, E.C.
1906. A.M.)	PRATT, HARRY KEAY .. ..	{ Chalfonts, Waterloo Avenue, Leis- ton, Suffolk.
1911. M.)		
1905.	PRATTEN, FREDERICK EDWARD	{ Messrs. J. and E. Hall, Dartford.
1885.	PRATTEN, WILLIAM JOHN ..	{ Mornington, Derryvolgie Avenue, Belfast.

Date of Election  
and of Transfer.

1902.	PRESCOTT, WALTER HENRY ..	{ Eng. and Chief Surveyor, Urban District Council, Council Bldgs., Tottenham, N. [ <i>Prescott, Lower Tottenham.</i> ]
1903. A.M.	PRESTON, FREDERICK KEN- NERLEY .. .. .	} 79 Netheredge Road, Sheffield.
1906. M.		
1901. A.M.	PRESTWICH, JOHN ALFRED ..	} Tariff Road, Northumberland Park, Tottenham, N.
1911. M.		
1903.	PRICE, ALAN .. .. .	{ Kia-Ora, Lane Cove Road, Gordon, N.S.W.
1912.	PRICE, ERNEST .. .. .	{ United Water Softeners Ltd., 20 Mount Street, Manchester.
1877.	PRICE, HENRY SHERLEY ..	{ 46 Watling St., E.C. [ <i>Indices, London. Bank 5077.</i> ]
1896.	PRICE, JAMES .. .. .	{ Harbour Eng., Custom House St., Cork.
1890.	PRICE, JOHN .. .. .	{ Inspecting Eng., Workington.
1889.	PRICE, JOHN BENNETT ..	{ Dyserth Castle, Dyserth, Rhyl.
1859.	PRICE-WILLIAMS, RICHARD ..	{ Holly Hill House, Stirling Road, Bournemouth. [ <i>Spandrel, Bournemouth. 910.</i> ]
1886. G.	PRICE - WILLIAMS, SEYMOUR WILLIAM .. .. .	} Post Office, Nairobi, British East Africa.
1889. M.		
1906.	PRINGLE, PERCIVAL JOHN ..	{ Doonside, Ballarat, Victoria.
1896. A.M.	PRITCHARD, HUGH .. .. .	} Port Dinorwic Dry Dock, Carnarvonshire; and Cae Gwyn, Port Dinorwic, R.S.O., Carnarvonshire.
1899. M.		
1904. A.M.	PRITCHARD, LEONARD HANMER	} c/o Messrs. Swan Hunter and Wig- ham Richardson, Wallsend Ship- yard, Wallsend-on-Tyne.
1908. M.		
1895.	PROCTOR, CHARLES FARADAY ..	{ 78 Connaught Road, Cardiff.
1912.	PROUT, FRANK .. .. .	{ 121 Claremont Road, Pendleton, Manchester.
1895. A.M.	PUGH, CHARLES VERNON ..	} Radford House, Coventry.
1898. M.		
1899. A.M.	PUGH, JOHN VERNON .. ..	} Guiting House, Allesley, Coventry.
1910. M.		
1895. A.M.	PULLAR, ALBERT EVANS .. ..	} Pullar's Dye Works, Perth.
1900. M.		
1887. G.	PULLEN, Professor WILLIAM WADE FITZHERBERT .. ..	} Stirling House, Heaton Moor Rd., Heaton Moor, Stockport.
1890. M.		
1898.	PULMAN, THOMAS CHARLES ..	{ 43 Birch Grove, Acton, W.
1884.	PUPLETT, SAMUEL .. .. .	{ 47 Victoria St., Westminster, S.W.
1908. A.M.	PURNELL, WALTER HENRY ..	} Messrs. Herbert Morris Ltd., Em- press Works, Loughborough.
1912. M.		
1901. G.	PURSE, FREDERICK WALTER ..	} Electricity Offices, Victoria Via- duct, Carlisle.
1904. A.M.		
1913. M.	{ PYNE, Sir THOMAS SALTER, C.S.I. .. .. . }	} Badminton Club, Piccadilly, W.
1887.		
1913.	{ QUENNEL, Captain WILLIAM ALEC, A.O.D. .. .. . }	{ Inspector of Ordnance Machinery, c/o R.A. Mess, Colaba, Bombay.

Date of Election  
and of Transfer.

1909.	QUIGGIN, DANIEL ARTHUR ..	19 Castle Street, Liverpool.	
1900.	{ QUIRK, WILLIAM MONTAGUE	{ Findon House, 352 Flinders Lane,	
	{ HARLEY .. .. .	{ Melbourne, Victoria.	
1878.	RADFORD, RICHARD HEBER ..	{ 15 St. James' Row, Sheffield.	
		{ [Radford, Sheffield.]	
1899. A.M.)	RADLEY, BERTRAM VERNON ..	E. I. Rly., Jamalpur, Bengal.	
1904. M.)			
1885.	RAINFORTH, WILLIAM .. ..	{ Britannia Iron Works, Lincoln.	
		{ [Rainforths, Lincoln.]	
1894. A.M.)	RAMSBOTTOM, JOHN GOOD-	86 Commonwealth Avenue, Chest-	
1895. M.)			nut Hill, Mass., U.S.
1908.	{ RANA, Colonel KESHORE NAR-	{ State Executive Engineer, Nepal	
	{ SINGH .. .. .	{ Govt., Katmandu, Nepal, India.	
1892. G.)	RANSOM, HERBERT BYROM ..	{ St. Stephen's House, Victoria Em-	
1909. M.)			bankment, Westminster, S.W.
1909.	RANSOM, PETER AUGUSTUS ..	56 Cannon Street, E.C.	
1888.	RAPLEY, FREDERICK HARVEY	{ 500 Caxton House, Westminster,	
		{ S.W.	
1906. A.M.)	RAPPOPORT, FREDERICK	Pinners' Hall, Austin Friars, E.C.	
1913. M.)			GERALD .. .. .
1889.	RATCLIFFE, JAMES THOMAS ..	Przejazd 36, Lodz, Russian Poland.	
1904.	RATEAU, PROFESSEUR AUGUSTE	7 Rue de Madrid (8 <sup>e</sup> Arrt.), Paris.	
1913.	RATHMELL, BERNARD .. ..	{ Redcross Chambers, 11 Redcross	
		{ St., Liverpool.	
1893.	{ RAVEN, VINCENT LITCHFIELD	{ Chief Mech. Eng., N. E. Rly., Dar-	
	{ (Member of Council) .. ..	{ lington.	
1906.	RAWORTH, BENJAMIN ALFRED	{ 35 and 36 Bedford St., Strand,	
		{ W.C.	
1895. G.)	RAYNER, HARRY STAFFORD ..	Sir W. G. Armstrong, Whitworth &	
1896. A.M.)			Co., Ashton Rd., Openshaw,
1908. M.)			Manchester.
1895. G.)			
1899. A.M.)	READ, GEORGE HENRY .. ..	39 Lambton Rd., Wimbledon, S.W.	
1912. M.)			
1904.	READ, HENRY GEORGE .. ..	{ 6 Znamenskaya, Charkov, S.	
		{ Russia.	
1887.	READHEAD, ROBERT .. ..	{ Messrs. John Readhead & Sons,	
		{ West Docks, South Shields [Read-	
		{ head, South Shields. G.P.O. 14.	
		{ Nat. 2024.]; and South Garth,	
		{ South Shields.	
1912.	REAVELL, JAMES ARTHUR ..	{ Managing Director, Kestner Evapo-	
		{ rator and Engineering Co., 37	
		{ Parliament Street, Westminster,	
		{ S.W.	
1907.	REAVELL, WILLIAM .. ..	{ Messrs. Reavell & Co., Ranelagh	
		{ Works, Ipswich.	
1901.	REDMAN, JOSEPH .. ..	Pioneer Iron Works, Halifax.	
1903.	REDMAN, JOSEPH FELL .. ..	38 Leadenhall St., E.C.	
1881.	REDPATH, FRANCIS ROBERT ..	{ Inglenook, 29 Ontario Avenue,	
		{ Montreal, Canada.	

Date of Election  
and of Transfer.

1913.	REED, FRANK WILLIAM ..	{ Works Manager, Messrs. Craven Brothers, Vauxhall Iron Works, Osborne St., Manchester.
1913.	REED, HENRY ASHMAN .. ..	{ Chief Eng., Manchester Ship Canal Co., 41 Spring Gardens, Manchester.
1894.	REED, JOSEPH WILLIAM .. ..	{ Manager, Engine Works Dept., Palmer's Shipbuilding & Iron Works, Jarrow.
1891.	REED, THOMAS ALFRED .. ..	{ Bute Docks, Cardiff. [ <i>Steam, Cardiff.</i> 171.]
1906.	REESE, ARNOLD KARTHAUS ..	{ Dowlais-Cardiff Works, East Moors, Cardiff.
1904. A.M. } 1912. M. }	REEVE, ROBERT JOHN ROBEY	{ Chief Eng., Messrs. John Birch & Co., 2 London Wall Bldgs., E.C.
1901.	REEVES, ARTHUR ROBERT ..	{ 46 Queen Victoria St., E.C.
1911.	REEVES, ARTHUR WILLIAM ..	{ Messrs. Crossley Brothers, Gorton, Manchester.
1897.	{ REID, ANDREW THOMSON ( <i>Life Member</i> ) .. .. .	{ North British Locomotive Co., Hyde Park Loco. Works, Glasgow. [ <i>Loco, Glasgow. Royal</i> 822.]
1891.	REID, HUGH ( <i>Life Member</i> ) ..	{ North British Locomotive Co., Hyde Park Loco. Works, Glasgow. [ <i>Loco, Glasgow. Royal</i> 822.]
1912.	REID, JAMES .. .. .	{ Messrs. Reid, McPherson & Co., 108 Hope St., Glasgow.
1897.	REID, JOHN ( <i>Life Member</i> ) ..	{ North British Locomotive Co., Hyde Park Loco. Works, Glasgow. [ <i>Loco, Glasgow. Royal</i> 822.]
1904. A.M. } 1912. M. }	REMINGTON, ALFRED ARNOLD	{ Wolseley Tool and Motor Car Co., Adderley Park, Birmingham.
1889.	RENDELL, ALAN WOOD .. ..	{ Westinghouse Brake Co., 82 York Rd., King's Cross, N.; and 101 Canfield Gardens, S. Hampstead, N.W.
1902.	RENOLD, HANS .. .. .	{ Progress Works, 3 Brook St., Manchester. [ <i>Driving, Manchester.</i> 3219.]
1876.	RESTLER, JAMES WILLIAM ..	{ Chief Eng., Metropolitan Water Board: 17 Queen's Gate, South Kensington, S.W.
1883.	{ REUNERT, THEODORE ( <i>Life Member</i> ) .. .. .	{ Messrs. Reunert & Lenz, P.O. Box 92, Johannesburg, Transvaal.
1879.	REYNOLDS, GEORGE BERNARD	{ Venezuelan Oil Concessions Ltd., c/o British Consul, Maracaibo, Venezuela.
1910.	REYNOLDS, HARRY .. .. .	{ P.O. Box 92, Johannesburg, Transvaal.
1906.	{ REYNOLDS, ENG. Lieut. JAMES ARTHUR, R.N., ret. .. ..	{ Suptg. Eng., East Anglian Ice Co., Lowestoft.
1898.	REYNOLDS, WILLIAM FLECK ..	{ Messrs. Travers & Co., Britannia Works, Springfield Rd., Belfast.
1890.	RICE, THOMAS SYDNEY .. ..	{ Aldermay House, 60 Watling St., E.C. [ <i>Ricto, London.</i> ]
1866.	{ RICHARDS, EDWARD WINDSOR ( <i>Past-President</i> ) .. ..	{ Plas Llecha, Tredunnoch, Caerleon, Mon. [ <i>Windsor Richards, Llan-gibby.</i> ]

Date of Election  
and of Transfer.

1897.	{	RICHARDS, HENRY WILLIAM	{	Phoenix Iron Works, Leicester.
		HALL .. .. .		[ <i>Richards, Leicester.</i> 89.]
1905.		RICHARDSON, CHARLES ERNEST	{	Messrs. Richardson & Blair, 11
				Grey St., Wellington, N.Z.
1912.		RICHARDSON, ERNEST LOWTHER	{	Dist. Loco. and Carr. Supt., S. Indian
				Rly., Negapatam, Madras Pres.,
				S. India.
1907.		RICHARDSON, HARRY .. ..	{	Eng.-in-Chief, Dundee Electrical
				and Tramways Depts., Dudhope
				Crescent Rd., Dundee.
1892.		RICHARDSON, HARRY ALFRED	{	Messrs. Hick Hargreaves & Co.,
				Soho Iron Works, Crook Street,
				Bolton.
1873.		RICHARDSON, JOHN .. ..	{	Lincoln.
1891.		RICHARDSON, JOHN SCOTT ..	{	Craigard, Lenzie, Glasgow.
1909.		RICHARDSON, ROBERT DOUGLAS	{	Supt. Eng., Messrs. T. & J. Har-
				rison, Mersey Chbrs., Liverpool.
1895. G. }				Loco., Carr. and Wagon Supt.,
1900. A.M. }		RICHES, CARLTON TOM HURRY	{	Rhymney Rly., Caerphilly, Car-
1906. M. }				dif; and Maesycoed, Caerphilly,
				Cardiff.
1906.		RICHMOND, JOHN RITCHIE ..	{	Messrs. G. & J. Weir, Holm
				Foundry, Cathcart, Glasgow.
1912.		RIDDELL, HENRY .. ..	{	64 Great Victoria Street, Belfast.
1899.		RIDE, SAMUEL .. ..	{	85 Royal Exchange, Manchester.
				[ <i>Elevator, Manchester.</i> ]
1899.		RIDEER, JOHN HALL .. ..	{	8 Queen Anne's Gate, Westminster,
				S.W.
1907. A.M. }				F. C. Nord Este Argentino, Monte
1914. M. }		RIDGWAY, GEORGE .. ..	{	Caseros, Corrientes, Arg. Rep.
1895. A.M. }				Sir W. G. Armstrong, Whitworth
1909. M. }		RIDLEY, CLARENCE OLIVER ..	{	& Co., 8 Great George St., West-
				minster, S.W.
1910.		RIEGEN, JOHANNES VON .. ..	{	Von Glahn Strasse 15, Lehe-Speck-
				enbüttel, Germany.
1904. A.M. }				Wetcarbonizing Ltd., 61 Loreburn
1914. M. }		RIGBY, THOMAS .. ..	{	St., Dumfries.
1907.		RINGQUIST, JUSTUS MAGNUS ..	{	Messrs. Head, Wrightson & Co.,
				Teesdale Iron Works, Thornaby-
				on-Tees.
1885. G. }				Messrs. Ransomes, Sims & Jefferies,
1893. M. }		RIPLEY, PHILIP EDWARD ..	{	Orwell Works, Ipswich.
1884. A. }				Technical Dept., The University,
1886. M. }		RIPPER, PROFESSOR WILLIAM,	{	Sheffield.
		D.Eng., D.Sc. .. ..		
1902.		RISELEY, HARRY LORIMER ..	{	Westfield House, Westfield, Gos-
				forth, Newcastle-on-Tyne.
1879.		RIXOM, ALFRED JOHN .. ..	{	108 Park Rd., Loughborough.
1903.		ROBB, ALEXANDER .. ..	{	54 Park Avenue, Hull.
1893. A.M. }				Champion Reef G. M. Co. of
1907. M. }		ROBERTS, CHARLES THOMAS ..	{	India, Mysore Province, India.
				Managing Director, Messrs. R.
1899.		ROBERTS, DAVID .. ..	{	Hornsby & Sons, Grantham.
				[ <i>Hornsby's, Grantham.</i> ]
1903.		ROBERTS, DAVID EVAN .. ..	{	59 Queen St., Cardiff. [ <i>Formula,</i>
				<i>Cardiff.</i> 365.]
1903.		ROBERTS, EDMUND .. ..	{	Exec. Eng., Public Works & Sur-
				veys, Labuan and Brunei, Straits
				Settlements.

Date of Election  
and of Transfer.

1908.		ROBERTS, EDWARD .. .. .	{ Roberts' Bldgs., Stuart St., Dunedin, New Zealand.
1906.		ROBERTS, GERVAASE HENRY ..	{ Royal Ordnance Factories, Woolwich.
1905. A.M.}		ROBERTS, HENRY JAMES ..	{ Mech. Eng., Port Talbot Rly. & Docks Co., Port Talbot.
1912. M.}			{ 42 Castle St., Liverpool. [ <i>Ingenious, Liverpool.</i> ]
1891.		ROBERTS, HUGH JORWERTH ..	{ Adelaide Club, Adelaide, S. Australia.
1887.		ROBERTS, THOMAS .. .. .	{ Messrs. Wm. McKinnon & Co., Spring Garden Iron Works, Aberdeen.
1902.		ROBERTSON, DAVID .. .. .	{ Supt. Eng., Carron Co., Carron, Falkirk.
1908. A.M.}		ROBERTSON, GEORGE FINDLAY	{ Municipal Eng., Darjeeling, India.
1911. M.}			{ ( <i>Deceased Jan. 1915.</i> )
1911. A.M.}		ROBERTSON, GEORGE PATRICK	{ Principal Port Officer's Office, Post Box 60, Rangoon, Burma.
1914. M.}			{ 28 Victoria St., Westminster, S.W. [ <i>Eyebolts, London.</i> ]
1907. A.M.}		ROBERTSON, HUGH, JUN. ..	{ Messrs. Higginson & Co., 7 Hurst St., Liverpool.
1914. M.}			{ Glenlyn, Eastwood Rd., South Woodford, N.E.
1892.		ROBERTSON, LESLIE STEPHEN	{ Rocquaine, La Rocque, Jersey.
1912.		ROBERTSON, THOMAS ROBERT	{ Bishopstone, Mayfield, Sussex.
1904. A.M.}		ROBEY, ERNEST WILLIAM ..	{ Myall, Belmont, Sutton, Surrey.
1914. M.}			{ The White House, Barsham, Beccles.
1905.		{ ROBIN, FREDERICK ALEXANDER	{ Railway Works, Rochdale. [ <i>Robinson, Rochdale.</i> ]
		{ GARIBALDI .. .. .	{ Woodthorpe, Leigh Hill, Cobham.
1902.		ROBINS, ALBAN GEORGE ..	{ Parliament Mansions, Victoria St., Westminster, S.W.
1899.		ROBINS, GEORGE MEAD ..	{ Messrs. Richardsons, Westgarth & Co., Hartlepool.
1909.		{ ROBINSON, ARTHUR SAMUEL	{ Ravenscraig, Seaforth, Liverpool.
		{ FRANCIS .. .. .	{ Stafford Road Works, G.W. Rly., Wolverhampton.
1894.		ROBINSON, CHARLES JOHN ..	{ Works Manager, Govt. Railway Works, Ipswich, Queensland.
1890.		ROBINSON, FREDERICK ARTHUR	{ North British Locomotive Co., 17 Victoria St., Westminster, S.W.
1874.		ROBINSON, PROFESSOR HENRY ..	{ Chief Loco. Eng., G.C. Rly., Gorton, Manchester; and Boothdale, Fairfield, Manchester.
1908. G.}			{ Boro' Electrical Eng., Hackney Electricity Works, Millfields Rd., Clapton, N.E.
1905. A.M.}		ROBINSON, ISAAC VINCENT ..	{ Parliament Chambers, Great Smith St., Westminster, S.W. [ <i>Cyclostyle, London. Victoria 2610.</i> ]
1910. M.}			{ University College, Nottingham.
1895.		ROBINSON, JAMES .. .. .	{ Loco. Carr. & Wagon Dept., Mashonaland, Rhodesia & Beira Rlys., Umtali, Rhodesia.
1898.		ROBINSON, JAMES ARMSTRONG	
1913.		ROBINSON, JOHN EDMUND ..	
1878.		ROBINSON, JOHN FREDERICK	
1891.		ROBINSON, JOHN GEORGE ..	
1901. A.M.}		ROBINSON, LEONARD LESLIE ..	
1907. M.}			
1894.		{ ROBINSON, MARK HEATON	
		{ ( <i>Vice-President</i> ) .. .. .	
1895.		ROBINSON, PROFESSOR WILLIAM	
1906. A.M.}		ROBSON, GEORGE .. .. .	
1914. M.}			



Date of Election  
and of Transfer.

1899.	ROBSON, WILLIAM HENRY ..	{ 22 Woodland Road, Northfield, Bir-
1907. A.M.}	RODD, Captain WILLIAM	{ The Arsenal, Quetta, Baluchistan,
1912. M.}	JAMES PAULO, A.O.D. ..	{ India.
1907. A.M.}	RODGER, JAMES ALLISON ..	{ Supt. Eng., Steam Ship Dept.,
1909. M.}		{ G. C. Rly., Grimsby.
1872.	ROFE, HENRY .. .. .	{ 8 Victoria Street, Westminster,
		{ S.W.
1906.	ROGERS, GEORGE KENYON ..	{ Messrs. C. W. Lyon, Thornhill
		{ Lees, Dewsbury.
1903.	ROGERS, HERBERT MALCOLM ..	{ 81 Gracechurch St., E.C.
1908.	ROGERSON, ALBERT CHORLEY	{ Works Manager, Messrs. Beyer,
		{ Peacock & Co., Gorton Foundry,
		{ Manchester.
1902.	ROGERSON, THOMAS BOND ..	{ Genl. Manager, Messrs. James
		{ Dunlop & Co., Clyde Iron Works,
		{ Tolcross, Glasgow. [3659.]
1906.	ROLFE, HARRY .. .. .	{ International Buildings, Kingsway,
		{ W.C. [City 415.]
1898.	ROLFE, JOHN HERBERT HIERON	{ 3/1 Mangoe Lane, Calcutta, India.
1892.	RONALD, HENRY .. .. .	{ Brighton House, Warwick Rd.,
		{ Olton, Birmingham.
1906.	RONCERAY, EUGÈNE .. ..	{ 255 Rue St. Honoré, Paris (1er.),
		{ France.
1908.	ROOKE, WILLIAM MASON ..	{ 184, 5 Chome, Nakanoshima,
		{ Osaka, Japan.
1903. G.}	ROOSE, FITZROY OWEN	{ c/o Russell Wells, 16 Lower Sey-
1906. A.M.}	JONATHAN .. .. .	{ mour St., Portman Square, W.
1913. M.}		
1898. A.M.}	ROOTS, JAMES D. .. .. .	{ Thanet House, Temple Bar, W.C.
1899. M.}		
1911. A.M.}	ROSE, PERCY THOMAS .. ..	{ Manager, Hastings Jute Mill,
1914. M.}		{ Rishra, Bengal, India.
1914.	ROSENBUSCH, GILBERT .. ..	{ Queen Anne's Chambers, West-
		{ minster, S.W.
1889.	ROSENTHAL, JAMES HERMANN	{ Babcock and Wilcox Co., Oriol
		{ House, Farringdon St., E.C.
1896. G.}	ROSEVERE, GERALD RHODES ..	{ 1 Richmond Rd., Wolverhampton.
1899. A.M.}		
1912. M.}		
1908. A.M.}	ROSHER, NOËL BURN .. ..	{ Union Chambers, Temple Row,
1910. M.}		{ Birmingham.
1902.	ROSS, JOHN .. .. .	{ Supt. Eng., Leeds and Liverpool
		{ Canal Co., Wigan.
1881.	ROSS, WILLIAM .. .. .	{ North Wall Iron Works, Dublin.
		{ [Iron, Dublin. 911.]
1896. A.M.}	ROTHERY, WILLIAM BROCK-	{ The Muirlands, Kirkby-in-Furness,
1898. M.}	BANK .. .. .	{ Lancs.
1898. A.M.}	ROTHWELL-JACKSON, HARRY	{ Wharf Foundry, Bolton. [Jack-
1902. M.}	LOXTON .. .. .	{ son, Bolton. 84.]
1904.	ROUGHT, CHARLES .. .. .	{ Holmwood, Surbiton.
1893.	{ ROUNTHWAITE, HENRY MORRI-	{ Mech. Eng. to the L.C.C., County
	{ SON .. .. .	{ Hall, Spring Gdns., S.W.; and
		{ 12 Holmbush Rd., Putney Hill,
		{ S.W.
1878.	ROUTH, WILLIAM POLE .. ..	{ Oakfield, Southern Hill, Reading.
1898.	ROW, OLIVER MATTHEWS ..	{ Dalham Engineering Works, Irlam,
		{ Manchester.

Date of Election  
and of Transfer.

1911.	ROWLAND, WILLIAM .. ..	{	Loco. Dept., Great Central Rly., Gorton, Manchester.
1907.	ROWLEY, STAMFORD HARRY ..	{	Messrs. Barlow & Chidlaw, Ltd., Croft St., Pendleton, Manchester, [Works, Manchester. 3685.]
1903.	ROY, WILLIAM .. ..	{	Messrs. Spencer & Co., Melksham.
1898.	ROYCE, FREDERICK HENRY ..	{	Messrs. Rolls-Royce, Ltd., Night- ingale Rd., Osmaston, Derby.
1897. A.M.	} ROYLANCE, ARTHUR HERBERT	{	Haworth's Bldgs., 5 Cross St., Man- chester.
1900. M.			
1901. A.M.	} RUDDEE, FRANK PERCY .. ..	{	8 Grove Terrace, Osmaston Rd., Derby.
1910. M.			
1896. A.M.	} RUFFLE, FRANK FELINGHAM	{	Messrs. Martin & Co., Calcutta.
1911. M.			
1905.	{ RUNDALL, Major CHARLES FRANK, R.E. .. ..	{	Elphinstone Barracks, Plymouth.
1906.	RUSSELL, FRANCIS WILLIAM ..	{	Messrs. Juan Bannister Sucesores, Mexico City D.F., Mexico.
1902.	{ RUTHVEN - MURRAY, ETHEL- BERT THOMAS .. ..	{	Eng.-in-Chief, N. Metrop. Electric Power Supply Co., Manor House Offices, Seven Sisters Rd., Fins- bury Park, N.
1902.	RUTTER, HENRY FILLMER ..	{	Eng., Western District, Metro- politan Water Board, 41 and 43 Commercial Road, Pimlico, S.W.
1901. A.M.	} RYDER, GEORGE ALBERT ..	{	Turner Bridge Iron Works, Tonge, Bolton.
1904. M.			
1908.	{ SAINSBURY, HENRY CECIL BAYLEY .. ..	{	Messrs. Stothert and Pitt, Newark Foundry, Bath.
1902.	SAINTY, CHRISTOPHER .. ..	{	Consulting Eng. to the Corpn. of Windsor; 28 Alma Rd., Windsor.
1903.	SAMPSON, EDWARD DUDLEY ..	{	Dist. Loco. Supt., Southern Mah- ratta Rly., Hubli, India.
1901.	SAMS, JOSEPH HENRY .. ..	{	Lips Ltd., Kingsway House, Kings- way, W.C.
1881.	SAMUELSON, ERNEST .. ..	{	Britannia Iron Works, Banbury.
1899.	SANDEMAN, EDWARD .. ..	{	17 Victoria St., Westminster, S.W. [Victoria 184.]
1871.	SANDERS, RICHARD DAVID ..	{	Struan, Beaconsfield Rd., Black- heath, S.E.
1886.	SANDFORD, HORATIO .. ..	{	Messrs. E. A. and H. Sandford, Thames Iron Works, Gravesend.
1891.	SANDS, HAROLD .. ..	{	Bernersmede, Carlisle Road, East- bourne.
1912.	SANGUINETTI, VIVIAN .. ..	{	c/o R. H. Holland, Highbury, Ropers Lane, Wareham, Dorset.
1906. A.M.	} SANKEY, BERNARD .. ..	{	Municipal Electric Supply Offices, Port Elizabeth, Cape Colony.
1914. M.			
1894.	{ SANKEY, Captain MATTHEW HENRY PHINEAS RIALI, R.E., ret. (Member of Council) ..	{	Marconi House, Strand, W.C. [Care Expanse Cable, London. City 8710.]
1899.	SARGEANT, EDWARD FRANK ..	{	Lower St., Stroud, Glos. [Sar- geant, Stroud. 14.]

Date of Election  
and of Transfer.

1914.	SAUTTER, JOHN JULES .. ..	{ Messrs. Philip and Son, Sandquay Engineering Works, Dartmouth.
1900.	SAUVAGE, Professeur EDOUARD	{ 14 Rue Eugène Flachat (17 <sup>e</sup> arr <sup>t</sup> ), Paris.
1893.	SAXON, ALFRED .. ..	{ Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.]
1894.	SAXON, GEORGE .. ..	{ Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.]
1894.	SAXON, JAMES .. ..	{ Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.]
1912.	SAYER, ARTHUR EDWARD ..	{ 3 Tynemouth Terrace, First Tower, Jersey.
1902.	SAYERS, RICARDO JOHN HENRY	{ Albion Iron Works, Miles Platting, Manchester.
1905. A.M.)	SCHILLER, FREDERICK WILLIAM	{ Messrs. Siemens Brothers' Dynamo Works Ltd., Stafford.
1909. M.)		
1890.	SCHOFIELD, GEORGE ANDREW	{ Oakwood, Mildenhall, S.O., Suffolk.
1904. A.M.)	SCHOFIELD, SAMUEL DEAN ..	{ Hope View, Carr Lane, Shipley, Yorks.
1912. M.)		
1886.	SCHOLES, WILLIAM HENRY ..	{ 41 Gordon Rd., Ilford.
1911.	{ SCHUBELEER, JURGEN FRIEDRICH .. ..	{ Messrs. Sulzer Brothers, 30 Norfolk Street, Strand, W.C.
1886.	SCHURR, ALBERT EBENEZER ..	{ Lyncot, Ferwick, Petersfield.
1913.	SCHWANHAUSSER, WILLIAM ..	{ Chief Eng., International Steam Pump Co., 115 Broadway, New York, U.S.
1902. G.)	SCORER, ARTHUR BRUCE ..	{ Coombe Lindum, Portland Road, Bowdon, Altrincham.
1906. A.M.)		
1914. M.)	SCOTT, CHARLES HERBERT ..	{ Queen Street Chambers, Gloucester. [ <i>Engineer, Gloucester</i> . 794.]
1882. G.)		
1888. M.)	SCOTT, JAMES .. ..	{ Consett Iron Works, Consett, R.S.O., Co. Durham.
1886.		
1913.	SCOTT, JAMES ( <i>Life Member</i> )	{ Chief Eng., The Borneo Co., Bau, Sarawak, Borneo.
1914.	SCOTT, JAMES CROMBIE .. ..	{ City Electrical Eng., City Council, Christchurch, New Zealand.
1891.	{ SCOTT, Professor ROBERT JULIAN .. ..	{ N.Z. University, Canterbury College, Christchurch, N.Z.
1906. A.M.)	SCOTT, WILLIAM ANGUS .. ..	{ Caledonian Chbrs., 102 St. Mary St., Cardiff.
1909. M.)		
1900. A.M.)	SEABROOK, ARTHUR HUGH ..	{ Marylebone Electric Supply, 19 & 20 York Place, W.
1907. M.)		
1892.	SEAMAN, CHARLES JOSEPH ..	{ 14 Fieldgate Street, E.
1910.	SEARLE, FRANK .. ..	{ Golden Green, Keresley, Coventry.
1882.	SEATON, ALBERT EDWARD ..	{ 32 Victoria St., Westminster, S.W. [ <i>Seaquake, London. Victoria</i> 207.]
1893. A.M.)	SEGUNDO, EDWARD CARSTENSEN DE .. ..	{ 267 Dashwood House, New Broad St., E.C. [ <i>Awesome, London. Central</i> 2686.]
1903. M.)		
1908.	SEHMER, EDUARD GEORG ..	{ Messrs. Ehrhardt and Sehmer, Schleifmühle-Saarbrücken 1, Germany.

Date of Election and of Transfer.			
1914.		SELBY, GEORGE MAY .. ..	{ Works Manager, Messrs. Bullivant & Co., West Ferry Road, Millwall, E.
1891.		SELBY, MILLIN .. ..	{ Toksowa House, Dulwich Common, S.E.
1903.		SEVERN, WILLIAM HENRY ..	{ Chatwood Safe Co., 56 Gracechurch St., E.C.
1914.		SEVERS, JOHN .. ..	Royal Arsenal, Woolwich.
1903.		SHANKS, ARTHUR THORNTON ..	Glen Royd Villa, Pool, Leeds.
1884.		SHANKS, WILLIAM .. ..	{ Messrs. Thomas Shanks & Co., Johnstone, near Glasgow. [Shanks, Johnstone.]
1902.		SHARMAN, PHILIP ALAN .. ..	{ 113 Cannon St., E.C.; and Fishpond Rd., Hitchin. [Graftonian, London.]
1897.		SHARP, JOHN .. ..	115 Shaftesbury Avenue, W.C.
1908.		SHARP, JOHN .. ..	28 Burnbank Gardens, Glasgow.
1905.		SHARP, RICHARD .. ..	Banklands, Workington.
1905.		SHARP, ROBERT GORDON ..	{ Works Manager, Leeds Forge, Leeds.
1898.		SHARP, SIDNEY .. ..	13 Victoria St., Westminster, S.W.
1907.		SHARPE, THOMAS WALTER ..	{ Messrs. Olive & Partington, Turn Lee Mills, Glossop.
1907.		SHARPLES, EDWARD .. ..	Furness Rly., Barrow-in-Furness.
1893.	G.	SHARPLEY, GEORGE RUSTON ..	{ Messrs. Ruston, Proctor & Co., Sheaf Iron Works, Lincoln.
1897.	A.M.		
1900.	M.		
1905.	A.M.	SHAYE, GEORGE JAMES .. ..	{ Works Mgr., London General Omnibus Co., Blackhorse Lane, Walthamstow, N.E.
1911.	M.		
1907.	A.M.	SHAW, ARTHUR HENRY .. ..	{ Electricity Supply and Tramways Offices, Ley St., Ilford.
1911.	M.		
1905.	A.M.	SHAW, CYRIL MORLEY .. ..	{ City Electrical Eng., Corpn. Electricity Works, Hylton Rd., Worcester.
1913.	M.		
1909.		SHAW, JOSHUA .. ..	{ Genl. Manager, Mersey Railway, Central Station, Birkenhead.
1900.		{ SHAW, PERCY CHARLES WILLIAM .. ..	{ c/o J. Timms, Railway Contractor, City Chambers, Pirie St., Adelaide, South Australia.
1899.	A.M.	SHAWCROSS, GEORGE NUTTALL	{ Lincs. & Yorks. Rly., Horwich, Lincs.
1902.	M.		
1902.		{ SHAWFIELD, CHARLES EDWIN CAMPBELL .. ..	{ Knowles Oxygen Co., Bromborough Port, Birkenhead.
1911.		{ SHEARER, WILLIAM VALEN- TINE .. ..	{ School of Engineering, Giza, Egypt.
1902.		SHEFFIELD, GEORGE HARRISON	{ 38 Victoria Street, Westminster, S.W.
1890.		SHELDON, HARRY CECIL .. ..	63 Long Row, Nottingham. [01844.]
1900.		SHELDON, WILLIAM JOHN ..	{ Resident Eng., São Paulo Rly., São Paulo, Brazil.
1899.		{ SHEPHERD, RICHARD LILLING- TON .. ..	{ Manager, State Smelting Works, Ravensthorpe, Western Australia.
1876.		SHIELD, HENRY .. ..	{ Messrs. Fawcett Preston & Co., Phoenix Foundry, 17 York St., Liverpool.
1883.		SHIN, TSUNETA .. ..	{ 26 Minamicho Nichome, Aoyama, Akasaka-ku, Tokyo, Japan.

Date of Election  
and of Transfer.

1889.	SHONE, ISAAC .. .. .	{ 5 Gwendolen Avenue, Putney, S.W.
1890.	SHOOSMITH, HARRY .. .. .	Wynford, Abbey Wood, Kent.
1910.	{ SHORT, WILLIAM LLEWELLYN EVERETT .. .. .	{ Denby, Cambridge Road, Col- chester.
1893.	SHROFF, ADURJEE BURJORJEE	{ Chief Eng., Sassoon Spinning Mills, Bombay.
1907.	SIBBALD, THOMAS KNIGHT ..	{ Supt. Eng., Boulac Engine Works, Cairo, Egypt.
1899.	SIBBERING, GEORGE THOMAS ..	Eng., Taff Vale Rly., Cardiff.
1891.	{ SIEMENS, ALEXANDER ( <i>Life</i> <i>Member</i> ) .. .. .	{ Caxton House, Westminster, S.W. [ <i>Gerrard</i> 860.]
1905. A.M. 1908. M.}	SILLAR, ALFRED RICHMOND ..	{ Peking Chinese Chartered Electric Light Co., Peking, China. 40 Broadway, Westminster, S.W. [ <i>Ayemess, London. Victoria</i> 4773.]
1898.	SILLAR, ARTHUR MOLYNEUX ..	
1903. A.M. 1913. M.}	SIMCOCK, PHILIP .. .. .	{ Genl. Manager, Katni Cement and Industrial Co., Katni, C.P., India.
1897. A.M. 1900. M.}	SIME, WILLIAM .. .. .	{ 32 Lynmouth Rd., Reading. [ <i>Zero,</i> <i>Reading.</i> 548.]
1899.	SIMMANCE, JOHN FREDERICK	{ Westminster Works, Earl St., West- minster, S.W.
1906.	SIMMS, FREDERICK RICHARD	{ 191 Wardour St., Oxford St., W. [ <i>Simotunit, London. Regent</i> 2760.]
1910.	SIMON, ERNEST DARWIN .. ..	{ Messrs. Henry Simon, 20 Mount St., Manchester.
1877.	{ SIMONDS, WILLIAM TURNER ( <i>Life Member</i> ) .. .. .	{ Wilton Lodge, Staines.
1902. A.M. 1906. M.}	SIMPKIN, FRANK HENRY .. ..	159 Firth Park Rd., Sheffield.
1876.	SIMPSON, ARTHUR TELFORD ..	{ Eng., Chelsea Water Works, 38 Parliament St., S.W.
1889. G. 1892. M.}	SIMPSON, CHARLES LIDDELL ..	{ 101 Grosvenor Rd., Pimlico, S.W.; and 13 Montagu Place, Montagu Sq., W.
1910.	SIMPSON, JOHN ANDREW .. ..	{ Messrs. Jessop & Co., 93 Clive St., Calcutta, India.
1913.	SIMPSON, JOSEPH FITZALAN	{ Boro' Electrical Eng. and Tram- ways Mgr., Holmrook Road, Preston.
1902.	SIMPSON, WILLIAM .. .. .	Harbour Engineer, Sunderland.
1903.	SINCLAIR, HERBERT .. .. .	{ Loco. Dept., G. N. Rly., Peter- borough.
1891.	SINCLAIR, RUSSELL .. .. .	82 Pitt St., Sydney, N.S.W.
1899. A.M. 1905. M.}	SIRRI, Major M. .. .. .	{ c/o Vice-Admiral Ahmed Pasha, ret., Box 233, Galata P.O., Con- stantinople.
1910.	SISSON, ARTHUR WHITE .. ..	Enderley, Alexandra Road, Glou- cester.
1881.	SISSON, WILLIAM .. .. .	{ Messrs. W. Sisson & Co., Ltd., Gloucester. [ <i>Sisson, Gloucester.</i> ]
1906.	{ SKELTON, Eng. Commander REGINALD WILLIAM, R.N. . .	{ H.M.S. "Superb," c/o Postmaster General, E.C.
1904.	SKINNER, ARTHUR .. .. .	{ Hadfield's Steel Foundry Co., East Hecla Works, Tinsley, Sheffield.
1911.	SKIPWORTH, GEORGE PHILIP ..	50 Marktgasse, Berne, Switzerland.

Date of Election  
and of Transfer.

1902.		SLATER, JAMES GEORGE .. ..	{ Works Manager, Messrs. Cole, Marchant and Morley, Bradford.
1892.		SLIGHT, GEORGE HENRY .. ..	{ Inspector General of Lighthouses, Casilla 812, Valparaiso, Chile.
1891.		SLOAN, ROBERT ALEXANDER .. ..	{ 34 Castle St., Liverpool. [ <i>Technical, Liverpool. 6080.</i> ]
1908.		SMALES, THOMAS .. ..	{ Devonshire House, Barrow Hill, Chesterfield.
1897.		SMALLMAN, HERBERT SPENCER	{ Globe Tube Works, Wednesbury. [ <i>Tubes, Wednesbury. 6504.</i> ]
1900.		SMART, ALEXANDER .. ..	{ 5 London Wall Buildings, E.C.
1898.		SMART, LESLIE SANDEBSON .. ..	{ Chief Mech. Eng., Royal Siamese State Rlys., Southern Line, Bangkok, Siam.
1903. A.M.}	}	SMART, LEWIS ANDERSON .. ..	{ 31 Budge Row, E.C. [ <i>Uncanny, London. London Wall 780.</i> ]
1909. M.}			
1901.		SMART, ROBERT HOWIE .. ..	{ Messrs. Blake, Barclay & Co., Victoria Works, Greenock. [ <i>Filter, Greenock. 130.</i> ]
1899.		SMEDDLE, JOHN HENRY .. ..	{ Divl. Loco. Supt., N. E. Rly., York.
1889.		SMELT, JOHN DANN .. ..	{ Greylands, Castle Bar Park, Ealing, W. [ <i>Smelt, London.</i> ]
1899.		SMETHURST, WILLIAM .. ..	{ 97 Bridge St., Manchester.
1904. A.M.}	}	SMITH, PROFESSOR CADES AL-	{ The University, Hong Kong, China.
1912. M.}			
1901.		SMITH, DANIEL .. ..	{ Castle Iron Works, Raglan St., Wolverhampton. [ <i>Presses, Wolverhampton. 210.</i> ]
1907. A.M.}	}	SMITH, DEMPSTER .. ..	{ School of Technology, Manchester.
1913. M.}			
1902. A.M.}	}	SMITH, EDWARD TURNER .. ..	{ Assist. Loco. Supt., Nigerian Rly., Lagos, W. Africa.
1912. M.}			
1909.		SMITH, FREDERICK HENRY .. ..	{ Fenwick Chambers, Liverpool.
1881.		SMITH, HENRY .. ..	{ Messrs. Simpson & Co., 101 Grosvenor Rd., Pimlico, S.W.
1905. A.M.}	}	SMITH, HENRY JOSEPH TRIVESS	{ Municipal Offices, Bombay, India.
1909. M.}			
1898.		SMITH, ISAAC .. ..	{ Basford Brass Works, Nottingham; and Hickling Lodge, near Keyworth, Notts. [ <i>Smiths, Nottingham. 1597.</i> ]
1907. A.M.}	}	SMITH, JAMES .. ..	{ Messrs. Babcock & Wilcox, Crane Dept., Oriel House, Farringdon St., E.C.
1914. M.}			
1893.		SMITH, JOHN .. ..	{ Salford Works, Richard St., Birmingham. [ <i>Luminous, Birmingham. 2540.</i> ]
1898.		SMITH, JOHN .. ..	{ Burton Brewery Co., Burton-on-Trent.
1906.		SMITH, JOHN .. ..	{ Ormondville, Dundyan Rd., Coatbridge.
1908.		SMITH, JOHN FAIRFULL .. ..	{ Aramayto Francke Mines, Chorolque, Bolivia. <i>Via Buenos Aires and Tupiza.</i>
1891.		SMITH, JOHN RENEEY .. ..	{ Kildare, Heswall, Birkenhead.
1898.		SMITH, JOHN WILLIAM .. ..	{ Loco. Dept., G. C. Rly., Gorton, Manchester.

Date of Election  
and of Transfer.

1903. A.M.	} SMITH, JONAH WALKER .. ..	{ City Eng., Local Govt. Board, George St., Edinburgh.
1910. M.		
1903. G.	} SMITH, LOUIS WILLIAM .. ..	{ Managing Director, Clarke's Crank & Forge Co., Lincoln.
1905. A.M.		
1912. M.	} SMITH, MICHAEL HOLROYD .. ..	{ 50 Ashley Road, Crouch Hill, N.
1870. G.		
1876. M.	} SMITH, PERCY HARRY FROST	{ Messrs. Thomas Tilling, Winches- ter House, Peckham, S.E.
1905. A.M.		
1909. M.	{ SMITH, PROFESSOR ROBERT	{ Trent, 3 Thirlmere Rd., Streatham, S.W.
1881. HENRY .. .. .		
1897.	SMITH, ROBERT WALKER .. ..	{ Works Manager, New Enfield Cycle Co., Hunt End Works, Redditch; and Stoneleigh, Redditch.
1896.	SMITH, ROGER THOMAS .. ..	{ Electrical Eng., G. W. Rly., 66 Porchester Road, Paddington, W.
1897. A.M.	} SMITH, SIDNEY .. .. .	{ P. O. Box 1905, Johannesburg, Transvaal.
1902. M.		
1907. A.M.	} SMITH, THOMAS HAROLD .. ..	{ Main Drainage Dept., Public Works Ministry, Cairo, Egypt.
1912. M.		
1898.	SMITH, TOM GRAVES .. ..	{ Dudbridge Iron Works, Stroud, Glos. [ <i>Humpidge, Cainscross</i> . 7.]; and Aldreth, Stonehouse, Glos.
1881.	SMITH, WASTENEYS .. ..	{ 59 Sandhill, Newcastle-on-Tyne. [ <i>Wasteneys, Newcastle-on-Tyne</i> . G.P.O. 429; <i>Nat.</i> 2018.]
1890.	SMITH, WILLIAM .. ..	{ Manager, Messrs. Pilkington Bros., British Plate Glass Works, Ravenhead, St. Helens, Lancs.
1913.	{ SMITH, Eng. Commander WIL- LIAM ALBERT PEARCE, R.N.	{ The Nook, Infield Park, Barrow- in-Furness.
1912.	SMITH, WILLIAM GREGORY .. ..	{ Manager, Rifle Factory, Ichapur, E.B.S. Rly., near Barrackpore, India.
1900.	SMITH, WILLIAM HILL .. ..	{ Norwood Green, Halifax.
1887.	SMITH, WILLIAM MARK .. ..	{ Lugano, Latchmere Rd., Kingston- on-Thames.
1904. A.M.	} SMYTH, GERALD MILLNER .. ..	{ New Modderfontein G. M. Co., P.O. Box 25, Benoni, Transvaal.
1906. M.		
1891. G.	} SNELL, Sir JOHN FRANCIS	{ 8 Queen Anne's Gate, Westminster, S.W.
1895. A.M.		
1898. M.		
1885.	SNOWDON, JOHN ARMSTRONG .. ..	{ York Villa, South Cliff, Scarborough.
1897.	SNOKELL, GEORGE EDGAR .. ..	{ 3 Green Bank, Trimmingham, Halifax.
1914.	SODEN, ERNEST EDWARD .. ..	{ H.H. The Nizam's Mint, Hyder- abad, Deccan, India.
1902. G.	} SOMERS, FRANK .. .. .	{ Haywood Forge, Halesowen, Bir- mingham.
1910. A.M.		
1913. M.		
1903. A.M.	} SOPWITH, JOHN .. .. .	{ Avondale, Egliston Road, Putney, S.W.
1911. M.		
1887.	SORABJI, SHAPURJI .. .. .	{ 16 Apollo Street, Fort, Bombay.
1900.	SPARKES, SAMUEL HURFORD .. ..	{ Genl. Manager, Messrs. Fox Brothers & Co., Wellington, Somerset.
1907. A.M.	} SPARKS, HUBERT CONRAD .. ..	{ 66-71 Moorgate Court, Moorgate St., E.C.
1911. M.		

Date of Election  
and of Transfer.

1902. G. } 1905. A.M. } 1914. M. }	SPEAKMAN, EDWARD MURRAY	{ Messrs. Babcock & Wilcox, Oriol House, Farringdon St., E.C.
1893.	SPENCE, ARTHUR WILLIAM ..	{ Manager, Cork St. Foundry and Engineering Works, Dublin.
1898.	SPENCE, WILFRID L. .. ..	{ 31 St. Vincent Place, Glasgow. [Electrify, Glasgow. City 8080.]
1887.	SPENCER, ALEXANDER .. ..	{ 77 Cannon St., E.C. [George Spencer, London.]
1878.	SPENCER, ALFRED G. .. ..	{ 77 Cannon St., E.C. [George Spencer, London.]
1892.	SPENCER, HENRY BATH .. ..	{ Winchester House, Birmingham. [Bathspen, Birmingham. Central 2070.]
1897. A.M. } 1913. M. }	SPENCER, HENRY WILMOT ..	{ Braeside, Longton Avenue, Upper Sydenham, S.E.
1897.	SPENCER, THOMAS HARRIS ..	{ Globe Tube Works, Wednesbury. [Tubes, Wednesbury. 6504.]
1891.	SPENCER, WILLIAM .. ..	{ Chamber Iron Works, Hollinwood, near Manchester.
1885.	SPOONER, GEORGE PERCIVAL ..	{ 25 Knowllys House, Crompton St., W.C.
1883. G. } 1886. M. }	SPOONER, PROFESSOR HENRY JOHN .. .. .	{ Polytechnic School of Engineering, 309 Regent St., W.
1896.	{ SPRING, The Hon. Sir FRANCIS } JOSEPH EDWARD, K.C.I.E. }	{ Harbour, Madras, India.
1901.	SPROTT, ROBERT EDMUND ..	{ Bridgewater Collieries and Ellesmere Estates, Walkden, Manchester.
1901. A.M. } 1912. M. }	SPRUNT, HERBERT WILLIAM ..	{ Hollington, Woodbourne Avenue, Streatham, S.W.
1908.	SPURLING, OLIVER CROMWELL	{ Western Electric Co., Hawthorne Station, Chicago, Ill., U.S.
1904.	SPURRIER, HENRY .. .. .	{ Managing Director, Lancashire Steam Motor Co., Leyland, Preston. [Motor, Leyland. 7.]
1897.	STAGG, WILLIAM .. .. .	{ Avon St. Gas Works, Bristol.
1899.	STAMER, ARTHUR COWIE ..	{ Chief Asst. Mech. Eng., N.E. Rly., Darlington.
1905.	STANFIELD, PROFESSOR RICHARD	{ Heriot-Watt College, Edinburgh.
1901. A.M. } 1908. M. }	STANIER, WILLIAM ARTHUR ..	{ Asst. Manager, Loco. Works, G.W. Rly., Swindon.
1888.	STANLEY, HARRY FRANK ..	{ Messrs. H. Pontifex & Sons, Farringdon Works, Shoe Lane, E.C.; and 3 Albert Mansions, Crouch Hill, N.
1914.	STARK, HENRY ROBERTSON ..	{ 4 Bankshall Street, Calcutta.
1913.	{ START, Edg. Lieut. SYDNEY } PHILP, R.N. .. .. .	{ H.M.S. "Highflyer," c/o Postmaster General, E.C.
1901.	STEAD, WILLIAM .. .. .	{ Oak House, Audenshaw, Manchester.
1897.	STEELE, JAMES .. .. .	{ Works Manager, Messrs. R. Y. Pickering & Co., Wishaw, Glasgow.
1901.	STEELE, WILLIAM RUSSELL ..	{ 7 Hastings Street, Calcutta, India.
1901.	STENNING, HENRY ALEXANDER	{ 28 Victoria Street, Westminster, S.W.
1899. A.M. } 1904. M. }	STEPHENS, CHARLES ROBERT	{ Manager, Messrs. Stephens & Son, Ashfield, Falmouth. [Stephens, Falmouth. 10.]



Date of Election  
and of Transfer.

1912.	STEPHENSON, ARTHUR HENRY	{c/o Engineer-in-Chief, S. African Railways, Cape Town.
1888.	{STEPHENSON-PEACH, WILLIAM JOHN .. .. .}	{Kirkleatham, Great Malvern.
1876.	STERNE, LOUIS .. .. .	{Crown Iron Works, Glasgow [ <i>Crown, Glasgow.</i> ]; and Donington House, Norfolk St., W.C. [ <i>Elsterne, London. Gerrard</i> 1989.]
1907. A.M.) 1910. M.)	STEVEN, JAMES DUNLOP .. .. .	{Messrs. E. G. Wrigley & Co., Soho, Birmingham.
1898.	STEVENS, ARTHUR JAMES .. .. .	{Managing Director, Uskside Iron Works, Newport, Mon. [ <i>Uskside, Newport, Mon. P.O. 29; Nat.</i> 53.] (Former Member 1875-1886.)
1891.	STEVENS, JAMES .. .. .	{9 and 11 Fenchurch Avenue, E.C.
1913.	STEVENSON, ARTHUR DAVID .. .. .	{British General Electric Co., 257 Clarence St., Sydney, N.S.W.
1902.	STEVENSON, GRAHAM MORTON	{6 Howells Crescent, Llandaff, Cardiff.
1898.	STEVENSON, HEW .. .. .	{Glanmor, Berkhamsted.
1906.	STEVENSON, JAMES JOHN .. .. .	{Chief Eng., Messrs. Richard Thomas & Co., S. Wales Works, Llanelly.
1902. A.M.) 1911. M.)	STEVENSON, JOHN .. .. .	{Suptg. Eng., Mazawattee Tea Co., Knoyle St., New Cross, S.E.
1909.	{STEWART, ALEXANDER ANDER- SON .. .. .}	{360 Collins House, Collins Street, Melbourne, Victoria.
1903.	STEWART, GEORGE .. .. .	{Retreat, Southbrae Drive, Jordan- hill, Glasgow.
1905.	STEWART, JAMES .. .. .	{Scottish Co-op. Wholesale Soc., Shieldhall, Glasgow; and 38 Kenmure Street, Pollokshields, Glasgow.
1904.	STILL, WILLIAM .. .. .	{Billiter Bldgs., 49 Leadenhall St., E.C.
1906.	STIRK, GREENWOOD .. .. .	{Messrs. John Stirk & Sons Ltd., Ovenden Rd., Halifax.
1905.	STIRLING, DAVID EDWARD .. .. .	{Highfield, Kenley, Surrey.
1880.	STIRLING, JAMES .. .. .	{Doon, Ashford, Kent.
1885.	STIRLING, MATTHEW .. .. .	{Loco. Supt., H.B. & W.R. Junc- tion Rly. & Dock Co., Hull.
1898.	STIRLING, ROBERT .. .. .	{The Anchorage, Dormans Park, East Grinstead.
1898.	STOBIE, GEORGE .. .. .	{Govt. Railways, Pietermaritzburg, Natal.
1901.	{STOCKER, Eng. Commander PERCY, R.N. .. .. .}	{H.M. Submarine Depôt, Fort Blockhouse, Gosport.
1898. A.M.) 1907. M.)	STOCKTON, CECIL .. .. .	{Branksome, Abbey Rd., Enfield.
1892. G.) 1905. A.M.) 1911. M.)	STOKES, FRANK TORRENS .. .. .	{P. O. Box 1355, Johannesburg, Transvaal.
1915.	STOKES, ISAAC WESTLEY .. .. .	{G. I. P. Railway, Victoria Termi- nus, Bombay, India.
1910.	STOKVIS, HUGO .. .. .	{1 Boulevard du Jardin Botanique, Brussels.
1894. A.M.) 1897. M.)	STONE, SIDNEY .. .. .	{Devonshire Chambers, 146 Bishops- gate, E.C.
1907. A.M.) 1912. M.)	STONE, SIDNEY CHARLES EVE	{289 Melfort Rd., Thornton Heath, Surrey.

Date of Election  
and of Transfer.

1914.	{	STONEY, GEORGE GERALD,	{	Oakley, Heaton Road North, New-
		F.R.S. . . . . .		castle-on-Tyne.
1908.		STOREY, JOHN EDWARD ..		8 Newtown Street, Leicester.
1904.	A.M.}	STORIE, GEORGE BRIGHT ..	{	Manbre Saccharine Co., Fulham
1908.	M.}			Palace Road, Hammersmith, W.
1901.		STORMONT, PETER CAMPBELL		125 Hamilton Place, Aberdeen.
1906.		STOWE, GEORGE SULLY .. ..	{	P.O. Box 5465, Johannesburg,
				Transvaal.
1888.		STRAKER, SIDNEY .. .. .	{	Messrs. Sidney Straker & Squire,
				Nelson Square, Blackfriars, S.E.
				[ <i>Rhomboidal, London. Hop 369</i>
				<i>and 370.</i> ]
1901.	A.M.}	STRATHERN, ALEXANDER	{	Strathern's Weldless Chains, Gart-
1907.	M.}	GEORGE .. . . .		sherrie, N.B.
1904.		STRATTON, JOHN .. .. .	{	Messrs. W. T. Glover & Co., Traf-
1899.	G.}			ford Park, Manchester.
1902.	A.M.}	STRETTON, THEODORE .. ..	{	11 Windsor Place, Cardiff. [ <i>Thor,</i>
1908.	M.}			<i>Cardiff. 2978.</i> ]
1897.		STRICKLAND, FREDERIC .. ..		Derwent Mount, Malton.
1895.		{	STROMEYER, JOHANN PHILIPP	{
		{	EDMOND CHARLES .. .. .	
				M.S.U. Assoc., 9 Mount St., Man-
				chester.
1910.		STRONG, ERNEST SIDNEY ..	{	West Ridge, Rawal Pindi, Punjab,
				India.
1913.		STRONG, GEORGE HENRY ..	{	Prudential Bldgs., King Edward
				St., Hull.
1899.		{	STUBBS, JOSEPH HETHERING-	{
		{	TON .. . . .	
				Mill St. Works, Ancoats, Man-
				chester. [ <i>Winding, Manchester.</i> ]
1882.		SUGDEN, THOMAS .. .. .	{	180 Fleet St., E.C. [ <i>Holborn 186.</i> ]
1909.		SULLIVAN, CLEMENT ERNEST ..	{	Supt., Metrop. Asylums Board River
				Service, South Wharf, Rother-
				hithe, S.E.
1890.		SULZER, JACOB .. .. .	{	Messrs. Sulzer Brothers, Winter-
				thur, Switzerland.
1906.		SUNNER, JOHN HARLEY .. ..	{	31 Telok Ayer St., Singapore,
				Straits Settlements.
1899.		SURTEES, HENRY WARDALE ..	{	12 Arboretum Square, Derby.
1908.		SURTEES, RICHARD THOMAS ..	{	Water Eng., Water Works, Haw-
				thorn Bank, Newton-le-Willows.
1905.	A.M.}	SUTCLIFFE, INGHAM .. .. .	{	27 Meadowbank Avenue, London-
1913.	M.}			derry.
1913.		SUTCLIFFE, WALKER .. .. .	{	Messrs. Midgley & Sutcliffe, West
				End Tool Works, Richmond Rd.,
				Bradford.
1905.	A.M.}	SUTTON, MARK .. .. .	{	872 Rua Barão de Mesquita,
1909.	M.}			Andarahy Grande, Rio de
				Janeiro, Brazil.
1910.	A.M.}	SWAINSON, LAURANCE WEBSTER	{	Chief Electrical Engr.'s Office,
1914.	M.}			L. & N.W. Rly., Crewe.
1907.		SWAN, ANDREW DON .. .. .	{	10 Phillip's Place, Montreal, Canada.
1906.		SWANSON, JOHN HUNTER ..	{	Manager, Samsen Dock and En-
				gineering Co., Bangkok, Siam.
1898.		SWASEY, AMBROSE .. .. .	{	Messrs. Warner & Swasey, Clevel-
				and, Ohio, U.S.
1897.		SWINBURNE, The Hon. GEORGE	{	Inter-State Commission, 314 Albert
				St., East Melbourne, Victoria.
1898.		SWINBURNE, JAMES, F.R.S. ..	{	82 Victoria St., Westminster, S.W.
				[ <i>Westminster 292.</i> ]

Date of Election  
and of Transfer.

1901.	SWINBURNE, WILLIAM .. ..	{	Manager, Melbourne Hydraulic Power Co., 99 Queen St., Melbourne, Victoria.
1910.	{ SWINTON, ALAN ARCHIBALD CAMPBELL .. .. .. }	{	66 Victoria St., Westminster, S.W. [Victoria 1506.]
1905.	SYKES, JOSEPH CHARLES .. ..	{	W. R. Sykes Interlocking Signal Co., Voltaire Rd., Clapham, S.W.
1905. A.M.) 1908. M.)	SYMONS, DIOGO ANDREW .. ..	{	39 Victoria St., Westminster, S.W.
1900.	TAGGART, WILLIAM SCOTT .. ..	{	22 Bridge St., Manchester. [Central 3815.]
1878.	TAITE, JOHN CHARLES .. ..	{	Sanctuary House, 33 Tothill St., Westminster, S.W. [Victoria 6925.]
1893. A.M.) 1908. M.)	TAKATSUJI, NARAZO .. ..	{	Kanegafuchi Cotton Spinning Co., Hiogo, Japan.
1895. A.M.) 1907. M.)	TAKIMURA, TAKEO .. ..	{	Genl. Manager, Osaka Cotton Mill, Osaka, Japan.
1901.	TALBOT, BENJAMIN .. ..	{	County Bank Chbrs., Middlesbrough.
1910.	{ TALBOT, ERNEST EDWARD AUSTIN .. .. .. }	{	District Loco. Supt., Midland Rly., Kentish Town, N.W.
1875.	TANGYE, GEORGE .. ..	{	Cornwall Works, Soho, Birmingham. [Tangyes, Birmingham.]
1889. G.) 1894. M.)	TANGYE, SIR HAROLD LINCOLN, Bart. .. .. .	{	Cornwall Works, Soho, Birmingham.
1885. G.) 1901. M.)	TANGYE, JOHN HENRY .. ..	{	Cornwall Works, Soho, Birmingham.
1895.	TANNETT, JOHN CROYSDALE .. ..	{	Messrs. Fullerton, Hodgart & Barclay, Vulcan Works, Paisley.
1891.	{ TANNETT - WALKER, ARTHUR TANNETT .. .. .. }	{	Leeds.
1905. A.M.) 1911. M.)	TASKER, EDWARD ERNEST .. ..	{	Oakbank, Hutton, Brentwood.
1874. G.) 1883. M.)	TAYLOR, ARTHUR .. ..	{	71 Edith Rd., West Kensington, W.
1900.	{ TAYLOR, Eng. Captain CHARLES GERALD, R.N., M.V.O. .. .. }	{	H.M.S. "Lion," c/o Postmaster General, E.C. (Killed in the North Sea naval battle.)
1898. G.) 1900. A.M.) 1907. M.)	TAYLOR, CHARLES PERCY .. ..	{	Milton Lodge, Gravesend.
1898. A.M.) 1902. M.)	TAYLOR, EDWARD .. ..	{	Windsor Steam Laundry, Windsor.
1900.	TAYLOR, EDWARD BROUGH .. ..	{	Caxton House, Westminster, S.W.
1884. G.) 1899. M.)	TAYLOR, JOSEPH .. ..	{	8 Alma Rd., Heaton Moor, Stockport.
1875.	TAYLOR, JOSEPH SAMUEL .. ..	{	Derwent Foundry, 60 and 62 Constitution Hill, Birmingham. [Derwent, Birmingham.]
1913.	TAYLOR, NEIL .. ..	{	Managing Director, Messrs. H. R. Marsden, Soho Foundry, Leeds.
1907.	TAYLOR, NEWMAN .. ..	{	Messrs. Macbeth Brothers & Co., Bombay.

Date of Election  
and of Transfer.

1893.	TAYLOR, ROBERT, JUN. .. ..	{ Works Manager, Messrs. Asa Lees & Co., Soho Iron Works, Oldham.
1882.	TAYLOR, ROBERT HENRY .. ..	{ Stanton Villa, 230 Lewisham High Rd., St. John's, S.E.
1894. A.M.}	TAYLOR, WILLIAM .. .. .	{ Stoughton St. Works, Leicester. [Lenses, Leicester. 134.]
1901. M.}		
1901.	TAYLOR, WILLIAM .. .. .	{ Midland Engineering and Foundry Works, Sandiacre, Nottingham. [Taylor Bros., Sandiacre. 1635.]
1902. A.M.}	TAYLOR, WILLIAM .. .. .	{ Navestock Side, Oxford Rd., Bootle, Liverpool.
1904. M.}		
1909.	TEAROE, JAMES .. .. .	{ Queensland Government, 409 Strand, W.C.
1895.	TEBBUTT, SIDNEY .. .. .	{ Freemantle Chbrs., Southampton.
1912.	{ TEED, Eng. Captain HENRY } { RICHARD, R.N. .. .. . }	{ D. N. E. Dept., Admiralty, S.W.
1904.	TEMPLER, HENRY LETHBRIDGE	{ Ferreira Deep, Ltd., Box 1021, Johannesburg, Transvaal.
1899. A.M.}	TENNANT, WILLIAM JOHN .. ..	{ 111 & 112 Hatton Garden, E.C. [Care Boul, London. Holborn 2966.]
1906. M.}		
1882.	TERRY, STEPHEN HARDING .. ..	{ Upcott, Seaton, Devon.
1899. A.M.}	TESTER, WILLIAM ANDREWS .. ..	{ P.O. Box 149, Johannesburg, Transvaal.
1910. M.}		
1891.	TETLOW, ERNEST .. .. .	{ Bottoms Iron Works, Hollinwood, Manchester.
1899.	THACKERAY, THOMAS .. .. .	{ Messrs. Vickers Ltd., Barrow-in- Furness.
1911.	THOM, ROBERT ABSALOM .. ..	{ Deputy Loco. Works Manager, G.C. Rly., Gorton, Manchester.
1901. A.M.}	THOMAS, ARTHUR LLOYD .. ..	{ Church St. Chbrs., Pontypridd. [P. O. 73.]
1910. M.}		
1904.	THOMAS, FRED WHITTAKER .. ..	{ Chief Eng., Messrs. John Crossley & Sons, Halifax.
1907. A.M.}	THOMAS, HUGH BLAKE .. .. .	{ Les Falaises, Bougie, Algeria.
1913. M.}		
1910. A.M.}	THOMAS, HUGH KERR .. .. .	{ Pierce-Arrow Motor Car Co., 1695 Elmwood Ave., Buffalo, N.Y., U.S.
1913. M.}		
1900. A.M.}	THOMAS, JOHN FREDERICK IVOR .. .. .	{ Messrs. Vickers Ltd., River Don Works, Sheffield.
1904. M.}		
1867.	THOMAS, JOSEPH LEE .. .. .	{ 2 Hanover Terrace, Ladbroke Sq., Notting Hill, W.
1897.	THOMAS, LEWIS RICHARD .. ..	{ G.W. Rly. Works, Swindon; and Highmead, 149 Cromwell Rd., Bristol.
1911.	THOMAS, LEWIS WILLIAM .. ..	{ 42 Maison Dieu Road, Dover.
1906.	THOMAS, RICHARD BEAUMONT	{ South Wales Works, Llanelly.
1902. A.M.}	THOMPSON, ARTHUR BEEBY .. ..	{ 3 Lombard St., E.C.
1910. M.}		
1907. A.M.}	THOMPSON, ERNEST ROUT- LEDGE .. .. .	{ 41 Yamashita cho, Yokohama, Japan.
1910. M.}		
1900.	THOMPSON, GEORGE WILLIAM	{ 1 Baron Cottage, Baron Grove, Mitcham.
1900.	THOMPSON, JOHN ROBERT .. ..	{ Wepener, 532 Kensington Hill, Bristol.
1883.	THOMPSON, RICHARD CHARLES	{ Bridge Dockyard, Sunderland.

Date of Election  
and of Transfer.

1902. A.M.)	THOMPSON, STEPHEN JOHN ..	Ettingshall Boiler Works, Wolverhampton.
1910. M.)		
1887.	THOMPSON, WILLIAM PHILLIPS	{ 6 Lord St., Liverpool. [ <i>Patent, Liverpool. Bank 4592.</i> ]
1900.	THOMSON, GEORGE .. .. .	{ Natal Govt. Harbour Works, Port Natal, S. Africa.
1904.	THOMSON, GEORGE .. .. .	{ 24 Castle St., Edinburgh. [ <i>Central 08124.</i> ]
1868.	THOMSON, JOHN .. .. .	{ 3 Crown Terrace, Dowanhill, Glasgow.
1893.	THORNBERRY, WILLIAM HENRY	{ 82 Paradise St., Birmingham. [ <i>Thornbery, Birmingham. 1889.</i> ] [Former Member, 1880-1887.]
1885.	THORNLEY, GEORGE .. .. .	{ Stanford House, 16 Rangemore St., Burton-on-Trent.
1908.	THORNTON, CHARLES JAMES ..	{ 37 Bellavista, Rio Tinto, Huelva, Spain.
1877.	THORNTON, FREDERIC WILLIAM	{ Oak View, Cadmore Cross, Chesham, Bucks.
1914.	THORNTON, HORACE MOORE ..	{ Managing Director, Richmond Gas Stove and Meter Co., 132 Queen Victoria Street, E.C.
1876.	{ THORNYCROFT, Sir JOHN ISAAC, LL.D., F.R.S. .. .. .	{ Messrs. John I. Thornycroft & Co., Church Wharf, Chiswick, W. [ <i>Thornycroft, London. Hammer-smith 6.</i> ]; and Eyot Villa, Chiswick Mall, Chiswick, W.
1898. A.M.)	TICEHURST, HUGH GORHAM ..	{ Thames Ammunition Works, Erith, S.O., Kent; and Telham, Freta Rd., Bexley Heath, Kent.
1902. M.)		
1885.	TIMMERMANS, FRANÇOIS ..	{ Managing Director, Société anonyme des Ateliers de la Meuse, Liège, Belgium. [ <i>Société Meuse, Liège.</i> ]
1890.	TITLEY, ARTHUR .. .. .	{ Beechwood, Hartopp Rd., Four Oaks, Sutton Coldfield, Birmingham.
1913.	TOD, PETER .. .. .	{ Managing Director, Messrs. E. H. Williamson & Co., Clarence Works, Lightbody St., Liverpool.
1914.	TOD, ROBERT PATERSON .. ..	{ Manager, British Aluminium Co., Kinlochleven, Argyll.
1893. A.M.)	TOMES, WILLIAM JAMESON ..	{ Deputy Loco. Supt., E. I. Rly., Jamalpur, India.
1911. M.)		
1908. A.M.)	TOMKINS, JOHN ALFRED,	{ Canadian Collieries (Dunsmuir), Comox Mines, Union Bay, B.C.
1910. M.)		
1875.	TOMKINS, WILLIAM STEELE ..	{ Broughton House, near Stockbridge, Hants.
1908.	{ TOMPKINS, Eng. Captain ALBERT EDWARD, R.N., ret.)	{ 57 Warwick Road, Ealing, W.
1912.	TOOKEY, WILLIAM ALFRED ..	{ 212 Upper Thames Street, E.C.
1900. A.M.)	TOTTLE, EDWARD GEORGE ..	{ Battersea Polytechnic, S.W.
1905. M.)		
1894.	TOUCHE, JOHN EDWARD .. ..	{ c/o A. C. Whitmee, 62 London Wall, E.C.
1889.	TOWLER, ALFRED .. .. .	{ Leeds Eng. and Hydraulic Co., Oaklands Engineering Works, Rodley, Leeds.

Date of Election  
and of Transfer.

1914.	TOWNEND, SIDNEY .. .. .	} Lloyd's Register of Shipping, Midland Bank Chambers, Newport, Mon.
1912.	TOWNHILL, WILLIAM .. .. .	
1896. A.M.)	TRAFFORD, ALFRED .. .. .	} 120 Alfred Gelder Street, Hull. Lea <sup>o</sup> House, Gravelly Hill, Birmingham.
1906. M.)		
1890.	TRAIL, JOHN .. .. .	} Marine Supt., Knott's Prince Line of Steamers, Newcastle-on-Tyne; and 21 Grosvenor Place, Newcastle-on-Tyne.
1901.	TRAVERS, ERNEST JAMES .. .. .	
1888.	TRAVIS, HENRY, I.S.O. .. .. .	} Britannia Works, Belfast. Suptg. Eng. and Constructor of Shipping to the War Dept., Royal Dockyard, Woolwich.
1883.	TRENTHAM, WILLIAM HENRY .. .. .	
1909.	TRESIZE, WALTER KENDALL .. .. .	} 38 Blenheim Crescent, Croydon. Manager, Yokohama Engine and Ironworks Co., Yokohama, Japan.
1913.	{ TREVITHICK, FREDERICK .. .. .	
	{ HARVEY .. .. .	} Buccleuch House, Richmond, Surrey. Caxton House, Westminster, S.W. [ <i>Viscosity, London. Victoria 900.</i> ]
1887.	TRIER, FRANK .. .. .	
1907. A.M.)	TRIPP, GEORGE WALTER .. .. .	} Royal Carriage Dept., Royal Arsenal, Woolwich. Board of Trade, 8 Richmond Terrace, Whitehall, S.W.
1914. M.)		
1896.	TROTTER, ALEXANDER PELHAM .. .. .	} Surveyor General of Ships, Singapore, Straits Settlements. Works Manager, Messrs. Barford & Perkins, Queen St. Iron Works, Peterborough.
1906.	TROWELL, WILLIAM JOHN .. .. .	
1901. A.M.)	TRUE, ROBERT ARTHUR .. .. .	} Messrs. Grafton & Co., Vulcan Works, Bedford. Osaka Higher Technical School, Osaka, Japan.
1914. M.)		
1899. A.M.)	TRUNCHION, WILLIAM THOMAS .. .. .	} Messrs. Tata, Capel House, New Broad Street, E.C.
1907. M.)		
1907.	TSURUMI, Professor SHOSHIRO .. .. .	} Osaka Higher Technical School, Osaka, Japan. Messrs. Tata, Capel House, New Broad Street, E.C.
1914.	{ TUCKWELL, HENRY MAURICE .. .. .	
	{ SURTEES .. .. .	} Lambton Collieries, Bunker Hill, Fence Houses. Kilbowie Iron Works, near Glasgow. [ <i>Tullis, Clydebank.</i> ]
1910.	TULIP, SAMUEL .. .. .	
1901.	TULLIS, DAVID KIEL .. .. .	} Earl of Dudley's Castle Mill Engineering Works, Tipton. St. Mungo Works, Bishopbriggs, Glasgow. [ <i>Valve, Glasgow. Bishopbriggs 49 and 50.</i> ]
1909.	TURLEY, THOMAS .. .. .	
1887.	TURNBULL, ALEXANDER .. .. .	} Whitehouse Machine Works, Denton, Manchester. [ <i>Machines, Denton. 205.</i> ]
1894.	TURNER, ALBERT .. .. .	
1897.	TURNER, ALFRED .. .. .	} Works Manager, Messrs. George Jones, Lionel St., Birmingham. Mechanical Engineering Dept., Royal Arsenal, Woolwich.
1912.	TURNER, FRANK .. .. .	
1876.	TURNNEY, Sir JOHN .. .. .	} Trent Bridge Leather Works, Nottingham. [ <i>Turney, Nottingham.</i> ]
1902. A.M.)	TURPIN, WILLIAM ALFRED .. .. .	
1907. M.)		} Works Manager, Messrs. Panhard and Levassor, Acton Vale, W.

Date of Election  
and of Transfer.

1899.	TURTON, WILLIAM HENRY ..	220 Burrage Rd., Plumstead.
1909.	TWEEDALE, JAMES .. ..	{ Works Manager, Messrs. Thomas Robinson & Son, Railway Works, Rochdale.
1912.	TWEEDIE, FRANK FORBES ..	{ Dist. Loco. Supt., South Indian Rly., Negapatam, S. India.
1906. A.M. } 1907. M. }	TWEEDY, ALFRED CARLYON ..	{ c/o C. F. Wienand, P.O. Box 1352, Johannesburg, Transvaal.
1897.	TWELVETREES, WALTER NOBLE	{ 195 Bedford Hill, Balham, S.W. [ <i>Battersea</i> 1221.]
1906.	TWENTYMAN, HAROLD EDWARD	{ Messrs. Henry Rogers, Sons & Co., Wolverhampton.
1902.	TWINBERROW, JAMES DENIS ..	{ 15 Regent Terrace, Gateshead.
1912.	TYRRELL, JAMES .. ..	{ Loco. Carriage and Wagon Supt., Midland and South Western Junction Rly., Cirencester.
1914.	UDAL, JOHN POUNTNEY .. ..	{ General Manager, Messrs. Kynoch, South Africa Explosives Works, Umbogintwini, Natal.
1903.	ULLMANN, WILLIAM CHARLES	{ Eng., Electric Lighting and Tram- ways Dept., Nelson St., East Ham, E.; and 20 Forest Drive, Manor Park, E.
1896. A.M. } 1900. M. }	UMNEY, HERBERT WILLIAMS	1 Mowbray Rd., Norwood, S.E.
1909.	{ UNDERHILL, REGINALD STAN- LEY .. .. .	{ c/o Messrs. Thos. Cook & Son, Bombay, India.
1899.	UNSWORTH, HERBERT GEORGE	{ The Cliff, Railway Avenue, Colombo, Ceylon.
1904.	UNSWORTH, ROBERT HARRY ..	{ Works Manager, Messrs. Ran- somes and Rapier, Ipswich; and Sunny Bank, Warrington Road, Ipswich.
1909.	{ UNWIN, Professor WILLIAM CAWTHORNE, LL.D., F.R.S. ( <i>President</i> ) .. .. .	{ Palace Gate Mansions, 29 Palace Gate, Kensington, W. [Former Member, 1878-1895.]
1898.	URIE, ROBERT WALLACE ..	{ Loco. Eng., L. & S.W. Rly., Eastleigh, Hants.
1899.	URIE, WILLIAM MONTGOMERIE	{ Ferndale, Brackenzie Rd., Bishop- briggs, Glasgow.
1901. A.M. } 1906. M. }	URMSTON, PETER .. ..	{ Danelova Manufactur, Moscow, Russia.
1908.	URQUHART, LESLIE .. ..	7 Gracechurch Street, E.C.
1898.	URWICK, ARTHUR JOHN .. ..	{ 303 Gillott Road, Edgbaston, Bir- mingham.
1904.	VAUGHAN, HENRY HOGUE ..	{ Supt. of Motive Power, C.P. Rly., Montreal, Canada.

Date of Election  
and of Transfer.

1901.	VAUGHAN, JOHN ALFRED ..	{ Chief Inspr. of Machinery, P.O. Box 1132, Johannesburg, Transvaal.
1885.	VAUGHAN, WILLIAM HENRY ..	{ Royal Iron Works, West Gorton, Manchester. [ <i>Vaunting, Man- chester</i> . 5106.]
1897.	VAUX, WALTER.. .. .	{ Farleigh, 18 Trinity Rd., Bootle, Liverpool.
1902.	VERNON, PERCY VENABLES ..	Messrs. Alfred Herbert, Coventry.
1889.	G.} VESIAN, JOHN STUART ELLIS	c/o L. G. Mouchel, 38 Victoria St.,
1890.	M.} DE .. .. .	Westminster, S.W.
1910.	VICK, FRANK HOWARD .. ..	{ U.P. Agricultural Engr., Nawab- ganj, Cawnpore, U.P., India.
1865.	VICKERS, ALBERT .. .. .	{ Messrs. Vickers Ltd., Vickers' House, Broadway, Westminster, S.W.
1861.	{ VICKERS, THOMAS EDWARD, C.B... .. .	{ Messrs. Vickers Ltd., River Don Works, Sheffield.
1899.	WADDINGTON, RICHARD .. ..	15 Caxton House, Westminster, S.W.
1906.	WADE, WILLIAM REGINALD ..	{ 55 Lightburne Avenue, St. Anne's- on-the-Sea, Lancs.
1901.	{ WADIA, NUSSERWANJEE NOWROSJEE .. .. .	{ Messrs. Nowrosjee Wadia & Sons, Bombay; and Bella Vista, Cum- balla Hill, Bombay.
1907.	WAILES, REGINALD PERCY ..	{ Messrs. George Wailes & Co., 258 Euston Rd., N.W.
1898.	WAINWRIGHT, JOHN WILLIAM	{ Supt., Canal Foundry, Roorkee, U.P., India.
1882.	WAKEFIELD, WILLIAM .. ..	123 Rathgar Rd., Dublin.
1901.	A.M.} WALFORD, FREDERICK .. ..	{ Principal, Bihar School of En- gineering and Inspector of Tech- nical Schools, Bankipur, India.
1912.	M.}	
1898.	{ WALLE, CHARLES NICHOLAS EVES .. .. .	{ Messrs. Tothill Sharp & Co., Tama- rind Lane, Fort, Bombay.
1902.	WALKER, EDWIN ROBERT ..	{ Pagefield Iron Works, Wigan. [ <i>Pagefield, Wigan</i> . 14.]
1911.	WALKER, FRED LIGHTFOOT ..	{ Lysaght's Galvanized Iron Pro- prietary, Fremantle, Western Australia.
1898.	WALKER, FREDERIC JAMES ..	{ Managing Director and Secy., St. James' and Pall Mall Electric Light Co., Carnaby St., Golden Sq., W. [ <i>Licensable, London</i> . <i>Gerrard</i> 5082.]
1890.	WALKER, HENRY .. .. .	{ Messrs. Clarke, Chapman & Co., Gateshead.
1894.	WALKER, HENRY CLAUDE ..	{ Messrs. R. Waygood & Co., Fal- mouth Rd., Great Dover St., S.E. [ <i>Waygood, London</i> . <i>Hop</i> 760.]
1909.	WALKER, HENRY EDWARD ..	{ Chief Mech. Eng., Buenos Aires G. S. Railway, Casilla 109, Buenos Aires, Arg. Rep.
1909.	WALKER, JAMES .. .. .	{ 51 Wellington Rd., New Brighton, Birkenhead.



Date of Election  
and of Transfer.

1910. A.M. } 1914. M. }	WALKER, JAMES WILLIAM ..	{ P.O. Box 442, Rangoon, British Burma.
1875.	WALKER, JOHN SCARISBRICK ..	{ Pagefield Iron Works, Wigan; and 15 Park Crescent, Southport. [Pagefield, Wigan. 14.]
1909.	WALKER, JOSEPH GRIFFIN ..	{ Chief Engineer, Messrs. Walker Brothers, Walsall.
1911.	WALKER, KENNEDY .. .. .	{ Linden, Blake Hall Rd., Wanstead, N.E.
1902.	WALKER, PERCY .. .. .	{ Works Manager, Messrs. Callender's Cable and Construction Co., Belvedere, S.O., Kent.
1901. A.M. } 1907. M. }	WALKER, ROBERT .. .. .	{ Messrs. Whittaker Hall & Co., Black Lane Engineering Works, Radcliffe, Manchester.
1876.	WALKER, THOMAS FERDINAND	{ 58 Oxford St., Birmingham.
1890.	WALKER, WILLIAM GEORGE ..	{ Emery Hill St., Ashley Gdns., Westminster, S.W.
1878.	WALKER, ZACCHEUS, JUN. ..	{ Fox Hollies Hall, near Birming- ham.
1902.	WALLACE, JOHN CRAWFORD ..	{ Venesta Ltd., North Woolwich Rd., Silvertown, E.
1884.	WALLAU, FREDERICK PETER ..	{ Supt. Eng., Union-Castle Mail Steamship Co., Southampton.
1901. A.M. } 1904. M. }	WALLER, WILLIAM .. .. .	{ 28 to 32 Vauxhall Walk, S.E. [Stampings, London. Hop 1423.]
1904.	WALLIS, GEORGE PEARSON ..	{ Mount Royal, Horsforth, Leeds.
1868.	WALLIS, HERBERT .. .. .	{ 239 Drummond St., Montreal, Canada.
1893.	WALLWORK, ROUGHSEDGE ..	{ Union Bridge Iron Works, Charter St., Manchester.
1891.	WALMSLEY, JOHN .. .. .	{ Genl. Manager, Messrs. J. and P. Coats, Ferguslie Thread Works, Paisley.
1905.	WALTON, GEORGE LAIRD ..	{ Gadebrook, Finchley Lane, Hen- don, N.W.
1898. G. } 1905. A.M. } 1914. M. }	WANS, OSWALD .. .. .	{ Heighington, Lincoln.
1901.	WARD, JOHN .. .. .	{ The Limes, Waddon Court Rd., Croydon.
1864.	WARDEN, WALTER EVERS ..	{ Phoenix Bolt and Nut Works, Handsworth, R.O., Birmingham. [Bolts, Birmingham.]
1900. A.M. } 1906. M. }	WARDEN-STEVENS, FREDERIC J. .. .. .	{ 7 Victoria St., Westminster, S.W.
1882.	WARDLE, EDWIN .. .. .	{ Boyne Engine Works, Hunslet, Leeds. [Manning, Leeds.]
1904.	WARLOW, FREDERICK ARTHUR	{ Messrs. Edgar Allen & Co., Imperial Steel Works, Sheffield. [Allen, Sheffield.]
1886. G. } 1891. M. }	WARREN, FRANK LLEWELLYN	{ 155 Fenchurch St., E.C. [Vibro- scope, London. Central 4972.]
1899.	{ WARREN, FREDERICK FRID- LEZIUS .. .. .	{ Managing Director, Messrs. Ross & Walpole, North Wall Iron Works, Dublin. [Iron, Dublin. 311.]
1907.	{ WARREN, JAMES GRAEME HEPBURN .. .. .	{ Messrs. Robert Stephenson & Co., Darlington.

Date of Election  
and of Transfer.

1901.	WARRINER, ROBERT .. ..	{ Thames Engineering Works, Greenwich, S.E.
1900.	WATCHURST, CHARLES LEESE	{ 66 Boyne Road, Lewisham, S.E.
1881.	WATKINS, ALFRED .. ..	{ 58 Fenchurch St., E.C.
1902.	{ WATKINSON, FREDERICK GEORGE .. .. .	{ Rosslyn, Billericay, Essex.
1890.	{ WATKINSON, Professor WIL- LIAM HENRY .. .. .	{ Walker Engineering Laboratories, The University, Liverpool.
1900.	WATNEY, THOMAS SAVILE ..	{ 92-94 Greek St. Chbrs., Park Row, Leeds. [ <i>Energy, Leeds.</i> 2229.]
1911.	WATSON, CECIL .. .. .	{ Eng. and Manager, ABC Coupler Ltd., Queen Anne's Chambers, Westminster, S.W.
1905.	WATSON, FRANK LESLIE ..	{ 11 Lyddon Terrace, Leeds.
1893. A.M.}	WATSON, GEORGE .. .. .	{ 39 Victoria St., Westminster, S.W. [ <i>Meterage, London.</i> ]
1900. M.}		
1900.	WATSON, GEORGE .. .. .	{ 5 Ruskin Close, Hampstead Way, N.W.
1890.	WATSON, GEORGE COGHILAN ..	{ Manganese Bronze and Brass Co., St. George's Wharf, Deptford, S.E.; and 5 Birdhurst Rd., Croydon.
1903. A.M.}	WATSON, GEORGE WILLIAM ..	{ 83 Pall Mall, S.W. [ <i>Regent</i> 5155.]
1912. M.}		
1882.	WATSON, HENRY BURNETT ..	{ High Bridge Works, Newcastle-on- Tyne. [ <i>Watsons, Newcastle-on-</i> <i>Tyne.</i> 6517.]
1896.	WATSON, JAMES FALSHAW ..	{ Sun Buildings, Park Row, Leeds. [ <i>Inspection, Leeds.</i> ]
1908. A.M.}	WATSON, JOHN .. .. .	{ Messrs. Andrew Barclay, Sons & Co., Caledonia Works, Kilmarnock.
1912. M.}		
1897.	WATSON, JOHN B. .. .. .	{ The Elms, Twyford Rd., Willing- ton, Derby.
1897.	WATSON, THOMAS JOHN ..	{ 82 Grainger St. West, Newcastle- on-Tyne.
1902.	WATSON, WILLIAM CUMMINGS	{ Messrs. R. and W. Hawthorn, Leslie & Co., Forth Banks Works, New- castle-on-Tyne.
1904.	WATT, ADAM .. .. .	{ Edinburgh Life Bldg., Mosley St., Newcastle-on-Tyne.
1902.	{ WATTS, Sir PHILIP, K.C.B., F.R.S. .. .. .	{ Late Director of Naval Construc- tion; 11 Great George St., West- minster, S.W.
1904. A.M.}	WATTS, WILLIAM JOHN	{ Messrs. Thomas Broadbent & Sons, Central Ironworks, Huddersfield.
1909. M.}		
1902.	WAY, EDWARD JOHN .. ..	{ 185-186 Cullinan Bldgs., Simmons St., Johannesburg, Transvaal.
1897. A.M.}	WAYNFORTH, Professor	{ King's College, Strand, W.C.
1907. M.}		
1897.	WEARING, JOHN EVENDEN ..	{ Swan Bldgs., Edmund St., Birming- ham.
1901. A.M.}	WEAVER, HENRY JAMES ..	{ Northgate Mansions, Gloucester.
1909. M.}		
1884.	WEBB, RICHARD GEORGE ..	{ Messrs. George Cahagan & Co., Bombay, India.
1901.	WEBB, THOMAS HENRY ..	{ St. John's Villas, Wakefield.
1910.	{ WEBB, WILFRED LE PLAS- TRIER .. .. .	{ Chief Engineer, Messrs. Crossley Brothers, Openshaw, Manchester.

Date of Election  
and of Transfer.

1912.	WEBBER, WYATT .. .. .	{ Eng. Supt., British Burma Petro- leum Co., Calcutta.
1901.	WEBSTER, FRANCIS JOHN ..	{ Loco. Dept., G.N. Rly., Doncaster.
1887.	WEBSTER, WILLIAM .. .. .	{ Gresham House, Battery Rd., Singapore, Straits Settlements.
1891.	WEIGHTMAN, WALTER JAMES	{ Merlewood, Sanderstead, Croydon.
1906.	WEIR, WILLIAM .. .. .	{ Holm Foundry, Cathcart, Glas- gow.
1898.	WELLS, GEORGE JAMES .. ..	{ 15 Ashburnham Gdns., Upminster, Romford.
1895. A.M.)	WEST, CHARLES HERBERT ..	{ Seaton Bldgs., 17 Water St., Liver- pool. [ <i>Referee, Liverpool. Central</i> 5223.]
1897. M.)		
1898.	WEST, ERNEST .. .. .	{ 82 Belvedere Road, Lambeth, S.E. [ <i>Verikold, London. Hop 3687.</i> ]
1894.	WEST, JOHN .. .. .	{ Albion Iron Works, Miles Platting, Manchester.
1891.	WEST, LEONARD .. .. .	{ Ravenhead Plate Glass Works, St. Helens, Lancs.
1911.	WEST, WILLIAM EDWIN .. ..	{ Caxton House, Westminster, S.W. [ <i>Victoria 4340.</i> ]
1902.	WESTGARTH, TOM .. .. .	{ 10 Belvedere Road, Scarborough.
1907. A.M.)	WESTLEY, ARTHUR WILLIAM..	{ South African Rlys., East London, Cape Colony.
1913. M.)		
1903. A.M.)	WESTLEY, CHARLES BARNARD	The Limes, Downend, Bristol.
1909. M.)		
1895.	{ WESTMACOTT, HENRY ARM- STRONG .. .. .	{ Benridge Hall, Ponteland, New- castle-on-Tyne.
1862.	{ WESTMACOTT, PERCY GRA- HAM BUCHANAN ( <i>Past-Presi- dent</i> ) .. .. .	{ Sir W. G. Armstrong, Whitworth & Co., Newcastle-on-Tyne; and Rose Mount, Ascot.
1880.	{ WESTMORELAND, JOHN WILLIAM HUDSON .. .. .	{ University College, Nottingham.
1903.	WESTON, THOMAS WILSON ..	{ Messrs. Joseph Watson & Sons, Whitehall Soap Works, Leeds.
1902. A.M.)	WESTON, WILLIAM NEWTON ..	{ Messrs. Herbert Morris Ltd., Empress Works, Loughborough.
1908. M.)		
1888.	WEYMAN, JAMES EDWARDES	{ Pilgrim House, Newcastle-on-Tyne.
1912.	WHEATLEY, WILLIAM GEORGE	{ 12 Camac St., Calcutta, India.
1896.	WHEELER, PERCY .. .. .	{ Brunswick House, Central Build- ings, Westminster, S.W.
1894.	WHITBY, ARTHUR GEORGE ..	{ Elville, The Park, Cheltenham.
1901.	WHITE, ALFRED FRANCIS ..	{ Durley House, Lamaha St., George- town, British Guiana.
1913.	WHITE, EDMUND .. .. .	{ 2 St. Dunstan's Hill, E.C.
1908. A.M.)	WHITE, HENRY GEORGE	{ c/o The Agent, O. & R. Rly., Lucknow, India.
1908. M.)		
1901.	WHITE, ROBERT .. .. .	{ 3 Victoria St., Westminster, S.W.
1900.	WHITEHEAD, ARTHUR .. ..	{ Edale, Boveney Rd., Honor Oak Park, S.E.
1905.	{ WHITEHEAD, HAROLD FRED- ERICK CROSSLEY .. .. .	{ 6 Napier Rd., Heaton Moor, Stock- port.
1902.	WHITEHEAD, THOMAS ROSS ..	{ Resident Eng. and Manager, Coventry Electric Tramways, Coventry.
1900.	WHITMORE, FRANK LEONARD	{ Messrs. Fraser & Chalmers, Erith, S.O., Kent.
1902.	{ WHITTAKER, FREDERICK WILLIAM .. .. .	{ 40 Sunbridge Rd., Bradford.

Date of Election  
and of Transfer.

1897.		WHITTELL, ALFRED LEIGHTON	2 Palace Road, Llandaff, Cardiff.
1908.		WICKS, GERALD HAMILTON ..	{ c/o The British Club, Mexico City, Mexico.
1897.		WICKSTEED, CHARLES .. ..	Stamford Rd. Works, Kettering.
1868. G. }		WICKSTEED, JOSEPH HART-	{ Messrs. Joshua Buckton & Co., Well House Foundry, Meadow Rd., Leeds.
1882. M. }		LEY ( <i>Past-President</i> ) .. ..	
1897.		WIDDOWSON, JOHN HENRY ..	{ Britannia Works, Ordsal Lane, Sal- ford, Manchester; and 25 With- ington Rd., Whalley Range, Manchester. [ <i>Taps, Salford.</i> ]
1906.		WILBY, FRANK BURDETT ..	{ Supt. Eng., British and Argentine Meat Co., Cecil House, Holborn Viaduct, E.C. [ <i>Reformer, Cent, London. Holborn 6484.</i> ]
1909. A.M. }		WILCOX, JOHN GEORGE .. ..	{ 16 Sandel Street, Calcutta. [ <i>Frees- ing, Calcutta.</i> ]
1912. M. }		WILCOX, JOHN GEORGE .. ..	
1895. A.M. }		WILD, ADAMSON GEORGE ..	{ c/o W. S. Laycock, Victoria St. Works, Sheffield.
1906. M. }		WILD, ADAMSON GEORGE ..	
1908. A.M. }		WILDING, JAMES ARMSTRONG	{ 3 Wilton St., Drury Lane, W.C. [ <i>Effacing, London. Gerrard 4683.</i> ]
1907. M. }		WILDING, JAMES ARMSTRONG	
1909.		WILKIE, JAMES BOWYER ..	{ Supt. Eng., Messrs. Elder Dempster & Co., Mersey Engine Works, Sefton St., Liverpool.
1892.		WILKINSON, EDWARD R. ..	{ c/o National Safe Deposit Co., 1 Queen Victoria St., E.C.
1902. A.M. }		WILKINSON, FRANCIS ALAN ..	{ 19 and 20 York Place, W.; and Hatfield, Herts.
1904. M. }		WILKINSON, FRANCIS ALAN ..	
1898.		WILKINSON, GEORGE .. ..	Beech Mount, Otley Rd., Harro- gate.
1908.		WILKINSON, HENRY DANIEL ..	{ 4 Queen St. Place, E.C. [ <i>Con- spicio, London.</i> ]
1907.		WILKINSON, JOSEPH .. ..	{ Queen's Dock Chbrs., Alfred Gelder St., Hull.
1912.		{ WILKINSON, LEONARD MAR- SHALL .. .. . . . }	26-27 Bond Street, Leeds.
1908. A.M. }		WILLANS, GEORGE HERBERT	{ Briarwood, Heathville Rd., Glou- cester.
1912. M. }		WILLANS, GEORGE HERBERT	
1909.		WILLANS, JOHN FREDERICK ..	16 Sutton Court, Chiswick, W.
1901.		WILLATT, WILLIAM HENRY ..	Messrs. Reckitt & Sons, Hull.
1905.		WILLCOCKS, FREDERICK ROWE	{ 23 Monton St., Moss Side, Man- chester.
1909.		WILLCOX, HENRY WALKER ..	14 Norfolk Street, Sunderland.
1910.		{ WILLCOX, REGINALD JOHN NORMAN .. .. . . . }	{ Marine Engineering Supt., Port of London Authority, Works at Port of London Wharf, Mill- wall, E.
1900. A.M. }		WILLIAMS, ARTHUR .. .. .	Apartado 980, Mexico City, Mexico.
1908. M. }		WILLIAMS, ARTHUR .. .. .	
1898.		WILLIAMS, ARTHUR EDWARD	Res. Eng., Dagenham Dock, Essex.
1892. G. }		WILLIAMS, ARTHUR EDWARD ..	{ 52 Queen Victoria St., E.C. [ <i>Cent- ral 2590.</i> ]
1895. A.M. }		WILLIAMS, ARTHUR EDWARD ..	
1907. M. }		WILLIAMS, ARTHUR EDWARD ..	
1911.		WILLIAMS, BERNARD EDWARD	Crimble West, Bamford, Rochdale.
1900. A.M. }		WILLIAMS, CHARLES EDWARD	{ Engineering Inspection Dept., Crown Agents for the Colonies, Whitehall Gardens, S.W.
1907. M. }		WILLIAMS, CHARLES EDWARD	

Date of Election  
and of Transfer.

1909.	WILLIAMS, DAVID JOSEPH ..	{ Harbour Eng., Dundalk Harbour Commissioners, Dundalk.
1905. A.M. }	WILLIAMS, GEORGE BRANSBY	United Service Club, Calcutta.
1913. M. }		
1897. G. }		
1899. A.M. }	WILLIAMS, HAL .. .. .	{ 3 Salters' Hall Court, Cannon St., E.C. [ <i>Halwiltite, London. Lon- don Wall 4383-4.</i> ]
1905. M. }		
1895. A.M. }		
1900. M. }	WILLIAMS, HENRY WATSON ..	{ Elder Bldgs., William St., Perth, W. Australia.
1884.	WILLIAMS, JOHN BEGBY ..	{ Central Marine Engine Works, West Hartlepool.
1901.	{ WILLIAMS, JOHN NORMAN SPENCER .. .. .	{ P.O. Box 532, Honolulu, Hawaiian Islands.
1890.	WILLIAMS, THOMAS DAVID ..	{ c/o Dr. R. O. Williams, Goulburn, N.S.W.
1881.	{ WILLIAMS, WILLIAM FREKE MAXWELL .. .. .	{ 35 Queen Victoria Street, E.C.; and North Lodge, Windsor Forest.
1899.	WILLIAMS, WILLIAM HENRY ..	{ Divisional Loco. Supt., G.W. Rly., Swindon.
1889.	WILLIAMS, WILLIAM WALTON	{ 34 Broomwood Rd., Wandsworth Common, S.W.
1897.	WILLIAMS, WYNDHAM HENRY	{ The Priory, Halberton, Tiverton.
1907.	{ WILLIAMSON, ALEXANDER SMART .. .. .	{ Lloyd's Register of Shipping, 42c Sagarimatsu, Nagasaki, Japan.
1907. A.M. }	WILLIAMSON, HENRY ( <i>Life Member</i> ) .. .. .	{ Rising Sun Petroleum Co., P.O. Box 331, Yokohama, Japan.
1910. M. }		
1883.	WILLIAMSON, RICHARD .. ..	{ Iron Shipbuilding Yard, Working- ton; and South Lodge, Cocker- mouth.
1889. G. }	WILLIS, EDWARD TURNLEY ..	{ 3 The Drive, Gosforth, Newcastle- on-Tyne.
1894. A.M. }		
1901. M. }		
1911.	{ WILLIS, Captain GEORGE HENRY, M.V.O., R.E. ..	{ H.M. Mint, Bombay, India.
1897.	WILLS, FRANK .. .. .	{ Perseverance Works, Bridgwater.
1911.	WILMS, LUDWIG HERMANN ..	{ Downs View, Warwick Rd., Coulsdon, Surrey.
1912.	WILSON, CHARLES .. .. .	{ Dist. Loco. Supt., Federated Malay States Rlys., Kuala Lumpur, F.M.S.
1903. A.M. }	WILSON, CHARLES AUGUSTUS	{ 566 Barnsley Rd., Pitsmoor, Shef- field.
1911. M. }		
1900.	WILSON, HENRY .. .. .	{ Works Manager, Messrs. A. and T. Burt, Dunedin, N.Z.
1881.	WILSON, JOHN .. .. .	{ New Place, Upminster, Romford.
1890.	WILSON, JOSEPH WILLIAM ..	{ Principal, School of Practical Engineering, Crystal Palace, S.E.
1911.	WILSON, NATHANIEL, D.S.O.	{ 68 Cross Oak Road, Berkham- sted.
1901. A.M. }	WILSON, RICHARD DAWES ..	{ 2 Ennerdale Rd., Kew Gardens, Surrey.
1912. M. }		
1873.	WILSON, THOMAS SIPLING ..	{ Messrs. Rose, Downs & Thomp- son, Old Foundry, Hull.
1904. A.M. }	WILSON, WILLIAM BUXTON ..	{ Suptg. Eng., Penang Sugar Estates Co., Penang, Straits Settle- ments.
1912. M. }		

Date of Election  
and of Transfer.

1897.	WILSON, WILLIAM CAMPBELL	{ Messrs. Charles Burrell & Sons, St. Nicholas Works, Thetford.
1899.	WILSON, WILLIAM HOPE ..	{ 2 Nithsdale Place, Pollokshields, Glasgow.
1901.	WILTON, BARTEL .. .. .	{ Westseedyk 402, Rotterdam, Hol- land.
1891.	WIMSHURST, JAMES EDGAR ..	{ Supt. Eng., Royal Mail Steam Packet Co., Southampton.
1911.	{ WINDER, BARTLETT WRANG- HAM .. .. .	{ Works Manager, Messrs. Jonas and Colver, Sheffield.
1907.	WINDER, OLIVER .. .. .	{ Egerton House, Egerton Park, Rook Ferry, Birkenhead.
1901. G.) 1902. A.M.) 1910. M.)	WINGATE, ARTHUR WIN- GATE .. .. .	{ Gisburne, Clitheroe.
1900.	{ WINGFIELD, CHARLES HUM- PHREY .. .. .	{ 28 Victoria St., Westminster, S.W. [Victoria 3346.]
1890.	WINGFIELD, DIGBY CHARLES	{ Harland Rise, Polworth Rd., Streatham, S.W.
1896. A.M.) 1903. M.)	WINSTON, HAROLD HOLMES ..	{ Messrs. Waterlow & Sons, Fins- bury, E.C.
1896. A.M.) 1903. M.)	WISEMAN, ALFRED .. .. .	{ 80-89 Glover St., Birmingham. [Verus, Birmingham. 2299.]
1902.	WOLLASTON, HENRY UPPLEBY	{ Hulburd Engineering Co., St. Benet Chambers, Fenchurch St., E.C.
1900.	WOLLASTON, THOMAS ROLAND	{ Lord's Chbrs., 26 Corporation St., Manchester. [Parabola, Manchester.]
1902. G.) 1903. A.M.) 1913. M.)	WOLSTENHOLME, WALTER ..	{ P.O. Box 435, Johannesburg, Transvaal.
1881.	WOOD, EDWARD MALCOLM ..	{ 3 Victoria St., Westminster, S.W.
1913.	WOOD, GEORGE THOMAS ..	{ Works Manager, Brush Electrical Engineering Co., Loughborough.
1887.	WOOD, HENRY .. .. .	{ Victoria Foundry, Bolton.
1911.	WOOD, HENRY ALFRED .. ..	{ Eng., Tees Conservancy Commis- sioners, Middlesbrough.
1902.	WOOD, HERVEY ALAN .. ..	{ Dist. Loco. Supt., E.I. Rly., Jamal- pore, Bengal.
1880. G.) 1886. M.)	WOOD, JOHN MACKWORTH ..	{ Metrop. Water Board, New River District, Rosebery Avenue, E.C.
1868.	WOOD, Sir LINDSAY, Bart. ..	{ Southhill, Chester-le-Street.
1913.	WOOD, ROBERT DUDLEY ..	{ State Insurance Bldgs., 14 Dale St., Liverpool.
1905.	WOOD, ROBERT GOSBY .. ..	{ 11 Ailsa Drive, Langside, Glas- gow.
1884.	WOOD, SIDNEY PRESCOTT ..	{ 58 Victoria St., Westminster, S.W.
1898.	WOOD, SYDNEY HENRY .. ..	{ Gas Light and Coke Works, Beck- ton, E.
1890.	WOOD, THOMAS ROYLE .. ..	{ Los Talleres, Ferro Carril Rosario, Campana, Buenos Aires, Arg. Rep.
1904.	WOOD, WALTER JAMES .. ..	{ King Edward's Chbrs., 116 Clec- thorpe Rd., Grimsby.
1890.	WOOD, WILLIAM .. .. .	{ 31 Studley Rd., Clapham Rd., S.W.
1882.	WOODALL, Sir CORBET, D.Sc.	{ Palace Chbrs., 9 Bridge St., West- minster, S.W.

Date of Election  
and of Transfer.

1902. A.M.	} WOODSON, WILLIAM ARM-STRONG .. .. .	{ Messrs. Clarke, Chapman & Co., Gateshead.
1905. M.		
1912. A.M.	} WOODFIELD, CHARLES HENRY	{ 148 Albert Palace Mansions, Battersea Park, S.W.
1914. M.		
1905.	WOODHOUSE, RICHARD .. ..	{ Clifton Bridge Iron Works, Brighthouse.
1897.	{ WOODS, ARTHUR ROBERT THOMAS .. .. .	{ The Red Cottage, West Hill, Harrow.
1894.	WOODS, WILLIAM HENRY ..	{ Liver Foundry and Engine Works, Ordsal Lane, Salford, Manchester. [ <i>Stuice, Manchester.</i> 1962.]
1899.	WOOF, THOMAS .. .. .	{ Acacias, Western Road, Sutton, Surrey. [ <i>Sutton</i> 1038.]
1898.	WOOLLEN, THOMAS HENRY ..	{ 56 St. Mark's Rd., Kensington, W. [ <i>Western</i> 5141.]
1904.	{ WOOLLISCROFT, GEORGE WIL- LIAM .. .. .	{ Chief Mech. Engineer's Dept., Mid. Rly., Derby.
1899.	WOOTTON, JOHN .. .. .	{ Coalville Iron Works, Coalville, Leicester.
1895.	WORDINGHAM, CHARLES HENRY	{ Beechgrove, Ridgeway Rd., Red Hill. [453.]
1887.	WORGER, DOUGLAS FITZGERALD	{ Eng., Southern Dist., Metrop. Water Board, Brixton Hill, S.W.
1874.	WORSDELL, THOMAS WILLIAM	{ Stonycroft, Arnside, Carnforth.
1894.	{ WORSDELL, WILSON ( <i>Member of Council</i> ) .. .. .	{ The Glebe, South Ascot, Ascot.
1897. A.M.	} WORSLEY, PHILIP JOHN, JUN.	{ Messrs. E. G. Wrigley & Co., Foundry Lane Works, Soho, Birmingham.
1910. M.		
1877.	WORSSAM, HENRY JOHN .. ..	{ Messrs. G. J. Worssam & Son, Wenlock Rd., City Rd., N. [ <i>Mass- low, London. King's Cross</i> 677.]
1893. G.	} WORT, WALTER EDWARD ..	{ 8 Killarney Road, Wandsworth Common, S.W.
1895. A.M.		
1909. M.		
1888.	WORTHINGTON, EDGAR .. ..	{ (Secretary), The Institution of Mechanical Engineers, Storey's Gate, St. James's Park, S.W.
1860.	WORTHINGTON, SAMUEL BARTON	{ Mill Bank, Bowdon, Altrincham. ( <i>Deceased Feb.</i> 1915.)
1897.	{ WORTHINGTON, WILLIAM BAR- TON .. .. .	{ Eng.-in-Chief, Mid. Rly., Derby; and Kirk Styles, Duffield, Derby.
1900.	{ WRIGHT, BENJAMIN HOLLING- WORTH .. .. .	{ 199 Piccadilly, W. [ <i>Frefouche, London. Gerrard</i> 3128.]
1897.	WRIGHT, FREDERICK GEORGE	{ G.W. Rly. Works, Swindon.
1909.	WRIGHT, GEORGE WARD ..	{ Chief Eng., Mount Lyell Mining and Rly. Co., Queenstown, Tasmania.
1867. G.	} WRIGHT, JOHN ROPER .. ..	{ Llwynderw, Blackpyl, R.S.O., Glamorgan.
1873. M.		
1903.	WRIGHT, THOMAS .. .. .	{ Genl. Manager, Dowson & Mason Gas Plant Co., Alma Works, Levenshulme, Manchester.
1901.	WRIGHT, WALTER .. .. .	{ 9 Wigorn Rd., Warley, Birmingham.
1871.	WRIGHTSON, Sir THOMAS, Bart.	{ Teesdale Iron Works, Stockton-on-Tees.
1901.	{ WRIGHTSON, WILLIAM PER- CIVAL .. .. .	{ 14 Church Road, Penarth.

Date of Election  
and of Transfer.

1898.	A.M.}	WRINCH, HUGH EDWARD HART	{ Engineer's Office, Metropolitan
1909.	M.}		{ Water Board, Surbiton.
1900.	A.M.}	WYLD, WILLIAM .. .. .	{ 19 Parsifal Road, Hampstead,
1904.	M.}		{ N.W.
1902.		WYLES, DAVID DEWAR .. .. .	{ St. George's Engineering Works,
			{ Trafalgar St., Brighton.
1902.		WYLLIE, JAMES .. .. .	{ Chief Mech. Eng., Messrs. Henry
			{ Tate & Sons, Love Lane, Liver-
			{ pool.
1902.	A.M.}	WYNBLOOM, ALBERT VICTOR	{ 16 Union Court, Old Broad St., E.C.
1909.	M.}		{ [Cheveral, London. Central 4635.]
1877.		{ WYVILL, FREDERIC CHRIS-	{ 62 Springfield Place, Leeds.
		{ TOPHER .. .. .	
1889.		YARROW, ALFRED FERNANDEZ	{ Homestead, Hindhead, Haslemere,
			{ Surrey.
1895.		YARWOOD, WILLIAM JAMES ..	{ Castle Dock Yard, Northwich. [74.]
1910.		{ YATES, HARRY JAMES ( <i>Life</i>	{ Managing Director, Messrs. John
		{ Member) .. .. .	{ Wright & Eagle Range, Essex
			{ Works, Aston, Birmingham.
1899.		YATES, WALTER .. .. .	{ Cyclone Works, Swinton, Man-
			{ chester. [ <i>Cyclone, Swinton,</i>
			{ <i>Manchester.</i> 1871.]
1891.	G.}	YERBURY, FREDERICK AU-	{ Clarence House, Hersham, Walton-
1912.	M.}	GUSTUS .. .. .	{ on-Thames.
1902.	A.M.}	YERBURY, HARRY EDWARD ..	{ Deputy Genl. Manager, Electric
1905.	M.}		{ Supply Dept., Commercial St.,
			{ Sheffield.
1880.	G.}	YORK, FRANCIS COLIN .. .. .	{ Loco. Supt., B.A. and Pacific Rly.,
1883.	M.}		{ Junin, Buenos Aires, Arg. Rep.
1903.		YOUNG, FREDERICK WILLIAM	{ Liverpool Salvage Assocn., Liver-
			{ pool.
1903.	A.M.}	YOUNG, GEORGE ALBERT ..	{ Coventry Ordnance Works, Scots-
1911.	M.}		{ town, Glasgow.
1892.		YOUNG, ROBERT .. .. .	{ England House, Penang, Straits
			{ Settlements.
1894.	A.M.}	YOUNG, SMELTER JOSEPH ..	{ Tempered Spring Co., Ltd., Burton
1896.	M.}		{ Weir Works, Sheffield. [ <i>Tem-</i>
			{ <i>pered, Sheffield.</i> 354.]
1899.		YOUNG, THOMAS .. .. .	{ 203 West George St., Glasgow.
			{ Messrs. Lobnitz & Co., Renfrew,
1887.		YOUNG, WILLIAM ANDREW ..	{ Paisley [ <i>Lobnitz, Renfrew. Pais-</i>
			{ <i>ley</i> 57.]; and Netherhill, Ren-
			{ frew Rd., Paisley.
1881.		YOUNGER, ROBERT .. .. .	{ Elmire House, Heaton Rd., Heaton,
			{ Newcastle-on-Tyne.
1913.		YULE, JAMES ALEXANDER ..	{ Chief Mech. Eng., Langlaagte
			{ Estate and G. M. Co., P.O. Box
			{ 98, Johannesburg, Transvaal.



## ASSOCIATE MEMBERS.

[A.M.I.Mech.E.]

Date of Election.

1906.	ABBOTT, ALFRED ERNEST ..	{ Eng. and Surveyor, Stratford and Wolverton Rural District Coun- cil, Wolverton, R.S.O., Bucks.
1912.	{ ABBOTT, JOHN HAELEN AB- BOTT .. .. .	{ The Pumping Station, Chiswick, W.
1902.	ABBOTT, ROBERT HILL .. ..	71 King St., Manchester.
1913.	ABBOTT, SYDNEY WILLIAM ..	Lynwood, Llanishen, Cardiff.
1907. G.)	ABELL, CHARLES EDMUND ..	4 Foregate Street, Worcester.
1912. A.M.)		
1893.	ABELLA, JUAN .. .. .	{ 3090 Calle Echeverria, Buenos Aires, Arg. Rep.
1903.	ABLITT, EDWARD FREDERICK	{ British Renal Co., Mansion House Chbrs., 11 Queen Victoria St., E.C.
1908.	ABRAHAM, GRIFFITH .. ..	{ The Neath, near Cross Keys, New- port, Mon.
1900.	ADAMS, ALBERT EDWARD ..	{ Boro' and Water Works Eng., Chippenham.
1910.	{ ADAMS, ARCHIBALD CAMPBELL, F.R.S.E. .. .. .	1 Old Smithhills, Paisley.
1903.	ADAMS, DAWSON .. .. .	{ National Electric Supply Co., Crown St., Preston.
1905.	ADAMS, FRANCIS ROBERT JOHN	{ Messrs. Thomas & Adams, Sha- meen, Canton, China.
1912.	ADAMS, JAMES WALTER .. ..	{ Chief Eng., Messrs. J. Smith & Sons, Preston St., Bradford.
1909.	ADAMS, MAURICE HOPPUS ..	{ Res. Eng., Lancashire Electric Power Station, Radcliffe, Man- chester.
1907.	ADAMS, PERCY WILLIAM .. ..	{ 20 Calderwood Rd., Rutherglen, Glasgow.
1909.	ADAMS, RICHARD PERCIVAL ..	22 Writers Bldgs., Calcutta, India.
1911.	ADDISON, FRANK .. .. .	Gordon College, Khartoum, Egypt.
1912.	ADEY, DOUGLAS FRANCIS .. ..	11 Upper Parkfields, Putney, S.W.
1910.	{ AIENGAR, KRISHNAMACHARI SRINIVAS .. .. .	{ Dist. Loco. Supt., Mysore State Rlys., Bangalore, South India.
1909.	{ AIKEN, JOHN WILSON DONALD- SON .. .. .	Tavoy, Lower Burma.
1906.	AIRD, JAMES ERSKINE .. ..	{ Manager, Deundi Estate, Lalchand P.O., Sylhet, Assam, India.
1911.	AIREY, WILLIAM WILKINSON	{ Messrs. Ashton, Frost & Co., Bank Top Foundry, Blackburn.
1906. G.)	AITKEN, ARTHUR JAMES ..	{ Galang Besar, c/o Messrs. Guthrie & Co., Singapore, Straits Settle- ments.
1913. A.M.)		
1907. G.)	AITKEN, JAMES .. .. .	{ Messrs. J. Abernethy and Co., Ferryhill Foundry, Aberdeen.
1912. A.M.)		
1904.	AITKEN, ROBERT REGINALD ..	Savanna-la-Mar, Jamaica.

## Date of Election.

1902.	°	AKERLIND, GUSTAF FREDRIC ..	{	Loco. Supt., Clogher Valley Rly. Co., Aughnacloy, R.S.O., Co. Tyrone.
1895. G.)		ALCOCK, ALFRED EDWIN .. ..	{	North Eastern Steel Co., Middlesbrough; and 91 Oxford Road, Linthorpe, Middlesbrough.
1900. A.M.)				
1899.		ALDER, GEORGE FREDERICK ..	{	10 Church St., Tewkesbury.
1909.		ALDER, JOHN FREDERICK ..	{	2 Wynnstay Gardens, Kensington, W.
1910.		ALDRICH, THOMAS GOOCH ..	{	12 Bathurst St., Hyde Park, W.
1913.		ALDWORTH, EDWARD HENRY	{	1852 Cartier Street, Montreal, Canada.
1907.		{ALEXANDER, CHARLES WIL- LIAM .. .. .}	{	Claremont, All Saints Rd., Ipswich.
1899.		ALEXANDER, JOSEPH GEORGE	{	Municipal Eng., Cawnpore, India.
1903.		ALEXANDER, WILLIAM .. ..	{	S. A. School of Mines and Technology, P.O. Box 1176, Johannesburg, Transvaal.
1904.		ALLAN, ALEXANDER BUCHANAN	{	Messrs. Hughes & Lancaster, Acrefair, Ruabon.
1903.		{ALLBUTT, JONATHAN ENOCH HILL .. .. .}	{	Breeze Hill, Urmston Lane, Stretford, Manchester.
1905.		ALCOCK, HARRY .. .. .	{	22 Albert Road, Hale, Altrincham.
1909. G.)		ALLCUT, EDGAR ALFRED .. ..	{	32 St. Matthew's Rd., Smethwick, Birmingham.
1914. A.M.)				
1908.		ALLEN, CHARLES CARROL ..	{	Engineering Dept., Technical College, Auckland, N.Z.
1911.		ALLEN, CLARENCE EDGAR ..	{	68 Marlborough Road, Watford. [Former Associate 1900-1908.]
1911.		{ALLEN, CLEOPHAS WILLIAM GEORGE .. .. .}	{	23 Larden Road, Acton, W.
1905.		ALLEN, THOMAS FEARNLEY ..	{	12 The Hawthorns, Church End, Finchley, N.
1914.		ALLEN, WILLIAM SELWYN ..	{	116 Green Lane, Rawmarsh, Rotherham.
1902. G.)		ALLENSBY, CHARLES REED .. ..	{	Messrs. Benham & Sons, 66 Wigmore St., W.
1905. A.M.)				
1912.		ALLIN, HENRY PHILIP .. ..	{	31 Old Queen St., Westminster, S.W.
1911.		ALLISON, BERTRAM JOHN ..	{	Wilton's Eng. and Slipway Co., Tower Chbrs., 118 London Wall, E.C.
1906. G.)		ALLISON, WALTER EDWARD .. ..	{	Supt. and Manager, Govt. Rly., Stann Creek, British Honduras.
1911. A.M.)				
1913.		{ALLISON, WILLIAM FRANCIS DUDLEY .. .. .}	{	Assist. Loco. Supt., Govt. Railways, Ebute-Metta, Lagos, West Africa.
1912.		{ALLMAN, ARTHUR JAMES ROCH- FORT .. .. .}	{	24 Thorny Hedge Road, Gunnersbury, W.
1905.		{ALLSOP, JOHN WILLIAM KID- STON .. .. .}	{	Jesselton, British North Borneo.
1904.		AMOR, CHARLES THOMAS ..	{	c/o The Director, Royal Indian Marine, Bombay.
1902.		AMOS, HAROLD CLYDE .. ..	{	Glaslyn, Onslow Gardens, Wallington, Surrey.
1904. G.)		AMY, PHILIP ALFRED .. ..	{	Elmcroft, Tadworth, Epsom.
1910. A.M.)				
1900.		ANDERSON, ATHOL LANCELOT	{	H.M. Dockyard, Hong Kong, China.
1913.		ANDERSON, JAMES GEORGE ..	{	Messrs. Vickers Ltd., Vickers House, Broadway, Westminster, S.W.

## Date of Election.

1912.	ANDERSON, JAMES THOMAS ..	{ Grosvenor House, 260 Fishponds Road, Bristol.
1912.	ANDERSON, JOHN .. .. .	{ 10 Gray St., Sandyford, Glasgow.
1911.	ANDERSON, JOHN HENRY ..	{ Works Supt., Steamship Owners' Coal Association, Purfleet Pier, Purfleet.
1913.	ANDERSON, JOHN HERBERTSON	{ Chief Eng., Govt. Mental Hospitals Dept., Porirua, Wellington, N.Z.
1908.	ANDREW, CECIL DANIEL ..	{ 72 Bury Old Road, Manchester.
1909.	ANDREW, TOM .. .. .	{ 15 Cedar Grove, Heaton Chapel, Stockport.
1898.	ANDREWS, FREDERIC ERNEST	{ Chairman, Messrs. Bruce, Peebles & Co., Edinburgh.
1909.	ANDREWS, HENRY GODFREY ..	{ Quigney, Alexandra Road, Parkstone, Dorset.
1909.	ANDREWS, NEALE .. .. .	{ 1 Queen's Mansions, Brook Green, Hammersmith, W.
1907. G.}	ANDREWS-VICKERY, HERBERT	{ Engineering Works, Chudleigh, Devon.
1913. A.M.}		
1912.	ANGLES, JOHN WILLIAM ..	{ Technical College, West Hartlepool.
1907. G.}	ANSELL, ARTHUR MOLLOY ..	{ Manager, Messrs. Ansell & Sons, Toong P.O., Darjeeling Himalayan Railway, Bengal.
1913. A.M.}		
1909.	ANSON, JOHN ANCHITEL ..	{ Electric Light Dept., P. W. D., Lagos, West Africa.
1906.	ANTHONY, REGINALD EMERSON	{ Bromley Motor and Engineering Works, Mason's Hill, Bromley, Kent.
1909.	ABBER, PERCY HERBERT ..	{ 26 Arlow Rd., Winchmore Hill, N.
1908.	ARMFIELD, FRANK .. .. .	{ 247 Westbourne Grove, Bayswater, W.
1912.	ARMITAGE, CHARLES VARLEY	{ Messrs. Gwynnes, Hammersmith Iron Works, Hammersmith, W.
1908. G.}	ARMITAGE, HERBERT CYRIL ..	{ Messrs. Mather and Platt, Park Works, Manchester.
1914. A.M.}		
1911.	{ ARMSTRONG, PERCY ALBERT ERNEST .. .. . }	{ 64 Pepys Rd., Wimbledon, S.W.
1912.	ARMSTRONG, PERCY TOWNS ..	{ Messrs. R. and J. Dempster, Gas Plant Works, Oldham Road, Manchester.
1912.	ARNEY, ARTHUR EDWARD ..	{ 34 Richardson Street, Perth, Western Australia.
1899.	ARNOLD, ARNOLD ATTWOOD ..	{ Mirrlees Watson Co., Scotland St., Glasgow.
1911.	ARNOT, DAVID .. .. .	{ 48 Fenchurch St., E.C.
1913.	ARUNACHELAYAR, T. K. ..	{ Mysore Public Works Department, Bangalore, S. India.
1906.	ARUNDEL, FRANK DREW ..	{ (Lieut., R.G.A.) R.A. Mess, Woolwich.
1912.	ASH, WILFRID CRACROFT ..	{ Port of Calcutta Commissioners, Calcutta, India.
1908.	{ ASHTON-PRYKE, CHARLES FREDERIC .. .. . }	{ British North Borneo Rly., Jesselton, British N. Borneo.
1914.	ASHWORTH, SIDNEY HERBERT	{ Manager, The Gourepore Co., Naihati, E.B.S. Railway, Bengal.
1911.	ASPDEN, HARRY LYNDELL ..	{ Sassoon Spinning & Weaving Co., Mills, Mount Estate, Mazagon, Bombay.

## Date of Election.

1913.	ASTBURY, HARRY .. .. .	{ 52 and 53 International Exchange, Edmund St., Birmingham.
1901.	{ ASTON, EDWARD BACKLAND STUCKEY.. .. .	{ Broad Street House, New Broad Street, E.C.
1913.	ASTON, REGINALD GODFREY ..	Hurdfield Vicarage, Macclesfield.
1909.	ATHERTON, ARTHUR.. .. .	28 Corporation Oaks, Nottingham.
1901.	ATHERTON, ERNEST STANLEY	Petit Bôt, Forest, Guernsey.
1904. G.)	} ATKINS, ARTHUR HENRY ..	{ Messrs. W. Heap & Co., Royal Liver Bldg., Water St., Liverpool.
1909. A.M.)		
1902.	ATKINS, EVAN ARTHUR .. ..	{ Municipal Technical School, Liverpool; and 9 Breckside Park, Anfield, Liverpool.
1911.	ATKINSON, CHARLES ALFRED..	{ Chief Eng., Accident Dept., Royal Exchange Assce. Corpn., Royal Exchange, E.C.
1907. G.)	} ATKINSON, JAMES STANLEY ..	{ Messrs. Wellman, Seaver & Head, 47 Victoria St., Westminster, S.W.
1910. A.M.)		
1905. G.)	} ATKINSON, JOHN TOM .. ..	{ Messrs. Easton Gibb & Son, H.M. Dockyard, Rosyth, N.B.
1910. A.M.)		
1902. G.)	} ATKINSON, REGINALD CHARLES	{ Yorkshire Electric Power Co., Wellington Road, Dewsbury.
1912. A.M.)		
1900.	AUGHTIE, HERBERT.. .. .	{ South Western Polytechnic, Chelsea, S.W.
1903.	AUSTIN, SAMUEL, JUN. .. ..	112 Monks Road, Lincoln.
1912.	AVENT, BEN STAFFORD .. ..	{ Assam Oil Co., Digboi P.O., Digboi, Upper Assam, India.
1912.	AVILA, JOHN FREDERICK .. ..	{ Simplex Conduits Ltd., 113-117 Charing Cross Rd., W.C.
1901.	AYERS, FREDERIC GORDON ..	{ c/o Messrs. Ayers & Gall, Weymouth St., Adelaide, S. Australia.
1904. G.)	} AYKROYD, JOHN KENNETH ..	Durlston, Corfton Road, Ealing, W.
1913. A.M.)		
1899.	BABER, SAMUEL ERNEST .. ..	{ Springdale, Charlton Rd., Keynsham, Bristol.
1906.	BABINGTON, EUSTACE BASIL ..	{ Verana House, Curzon St., Long Eaton, Nottingham.
1913.	{ BACKHOUSE, WALTER SYDNEY ACKROYD .. .. .	{ Messrs. Backhouse Brothers, Cheadle Motor Co., Cheadle, Cheshire.
1902. G.)	} BACON, ERNEST LESLIE .. ..	{ Messrs. Mann, Egerton & Co., County Garage, Bury St. Edmund's.
1908. A.M.)		
1914.	BACON, PROFESSOR FREDERIC ..	{ University College of South Wales and Mon., Cardiff.
1912.	BACON, JAMES .. .. .	Elmthorpe, Friends Rd., Croydon.
1907.	BADGER, JOHN RICHARD .. ..	{ Cupola Works, Rotherham; and Langdale, Rotherham.
1913.	BADGER, SAXON ALFRED .. ..	Cupola Works, Rotherham.
1900. G.)	} BAGG, HENRY ARTHUR .. ..	4 Calthorpe Rd., Banbury.
1908. A.M.)		
1907. G.)	} BAILEY, DAVID EDWARD .. ..	173 Masterman Rd., East Ham, E.
1912. A.M.)		
1900.	BAILEY, HARRY DORNING .. ..	3 Castleton Mansions, Barnes, S.W.

Date of Election.

1912.	BAILEY, HENRY CHARLES ..	} Submarine Depôt, H.M.S. "Shearwater," Esquimalt, British Columbia.
1908.	BAIN, DAVID BALFOUR .. ..	
1907.	BAIN, JOHN ANDERSON .. ..	} 31 Ashley Rd., Crouch Hill, N. 30 Mexborough St., Chapeltown Rd., Leeds.
1912.	BAINBRIDGE, ALBERT WALLIS	
1903. G.)	} BAKER, ARTHUR .. ..	} Messrs. Braithwaite and Kirk, 36 Lime St., E.C. Director, Model Workshops, Bulac, Cairo, Egypt.
1905. A.M.)		
1899.	BAKER, HENRY GOULDTHORPE	} Messrs. John Baker & Co., Kilnhurst Wagon Works, Kilnhurst, Rotherham.
1903.	BAKER, HERBERT HENRY ..	
1909.	BAKER, JOSEPH SAMUEL ..	} Messrs. Merz & McLellan, Collingwood Bldgs., Newcastle-on-Tyne. Messrs. Joseph Baker and Sons, Willesden Junction, N.W.
1908.	BAKER, LUCIUS AVELING ..	
1909.	{ BAKER, PROFESSOR PERCY MONTAGUE .. .. .	} Victoria Institute, Byculla, Bombay, India.
1912.	BAKER, WILLIAM GEORGE ..	
1911.	BAKEWELL, FREDERIC JOHN ..	} Manager, Paragon Engineering Works, Castletown, Portland. Messrs. Morris & Lister (London), 3 and 4 Palace Chbrs., Bridge St., Westminster, S.W.
1900.	{ BALDWIN, CHRISTOPHER EDMUND .. .. .	
1902.	{ BALDWIN-WISEMAN, WILLIAM RALPH, M.Sc. .. .. .	} Blyth Harbour Commissioners, Blyth. 162 Winchester Rd., Southampton.
1913.	BALE, ANTHONY POWIS .. ..	
1902.	BALFOUR, GEORGE .. ..	} 15 Sutton Court Rd., Chiswick, W. Messrs. Balfour, Beatty & Co., 22A College Hill, Cannon St., E.C.
1907.	{ BALFRY, JOHN CHARLES KELSEY .. .. .	
1902.	BALL, COMER SANDYS .. ..	} Messrs. C. and W. Walker, Midland Iron Works, Donnington, Salop. Bella Vista, Tennyson Road, Luton.
1899.	BALL, EDMUND BRUCE .. ..	
1906. G.)	} BALL, WILLIAM FRANCIS ..	} Messrs. Whiteway and Ball, 1 North Quay, Torquay.
1912. A.M.)		
1912.	BAMFORD, DANIEL .. ..	} Messrs. A. Edmeston & Sons, Patricroft, Manchester. 14 Wellington Grove, Stockport.
1910.	BAMFORD, FREDERICK .. ..	
1912.	BAMFORD, WILLIAM .. ..	} Messrs. Dewrance & Co., 165 Great Dover St., S.E. Manganese Bronze & Brass Co., St. George's Wharf, Deptford, S.E.
1910.	BANKS, ALEXANDER .. ..	
1896.	BABBA, ALFONSO G. .. ..	} Las Palmas, Canary Islands. c/o W. H. Fowler, 53 New Bailey St., Manchester; and Roseleigh, Palatine Rd., Northenden, Manchester.
1894. G.)	} BARBER, EDWARD WHITLEY ..	
1900. A.M.)		
1905.	BARBER, GEORGE ALFRED ..	} Royal Laboratory, Royal Arsenal, Woolwich. Manager, Engineers' Tool Dept., Messrs. Thomas Firth and Sons, Norfolk Works, Sheffield.
1914.	BARBER, JOHN HARRY .. ..	
1910.	BARBER, WILLIAM EDWARD ..	} 64 Dallin Road, Plumstead.

## Date of Election.

1907.	BARFORD, VALENTINE GEORGE	{ Messrs. J. I. Thornycroft & Co., Basingstoke.
1913.	BARGATE, GEORGE, JUN. ..	{ 55 Larkspur Terrace, Jesmond, Newcastle-on-Tyne.
1914.	BARKER, THEODORE DELABERE	{ City Water Works, Christchurch, New Zealand.
1912.	BARLOW, CHARLES ROBERT ..	{ City Engineer's Office, City Hall, Cape Town, Cape Colony.
1904.	BARNES, ARCHIBALD .. ..	{ Managing Director, Sheffield Motor Co., 222-6 West St., Sheffield.
1906. G.) 1909. A.M.)	BARNES, JOHN EGBERTON .. ..	{ Messrs. L. J. Healing & Co., 24 Uneme-cho, Kyobashi-ku, Tokyo, Japan.
1911.	BARNES, THOMAS EDWARD ..	{ Netherwood, Boomerang Street, Haberfield, Sydney, New South Wales.
1911.	BARNEY, LEWIS WINTER ..	{ Newtown, Waterford.
1901. G.) 1911. A.M.)	BARNWELL, ELIOTT ARTHUR ..	{ Messrs. W. A. Stevens, Victoria Works, St. Peter St., Maidstone.
1915.	BARE, GEORGE .. .. .	{ 136 Old Bedford Road, Luton.
1908.	{ BARRETT, CHARLES EDGAR	{ Kaleeswarar Mills Co., Coimbatore, S. India.
	{ MATHEWS .. .. .	
1904.	{ BARRETT, JOHN MATHEW	{ Crompton Engineering Co., Mac- lean St., Madras, India.
	{ NELSON .. .. .	
1901. G.) 1910. A.M.)	BARRS, EDWARD .. .. .	{ Messrs. Tennant & Barrs, Cathedral Bldgs., Newcastle-on-Tyne.
1904. G.) 1906. A.M.)	BARRY, ARTHUR PAUL .. ..	{ Home Place, Limpsfield, S.O., Surrey.
1902. G.) 1911. A.M.)	BARRY, LAWRENCE CATER ..	{ Messrs. T. Roddis Ltd., Steam Plough Works, Roade, North- ampton.
1898.	BARTLE, GEORGE WILLIAM ..	{ Albion Brewery, Mile End, E.
1913.	BARTLEY, RUSSELL HOWARD ..	{ Boro' Electrical Eng., P.O. Box 44, Te Kuiti, Auckland, N.Z.
1910.	BARTON, ALLEN .. .. .	{ Heath Charnock Iron Works, Adlington, Lancs.
1896.	BARTON, ANDREW .. .. .	{ Admiralty, Works Dept., White- hall, S.W.
1902. G.) 1906. A.M.)	BARTON, GEOFFREY BERKLEY	{ c/o T. A. Stewart Dyer, 6 Quai Mativa, Liège, Belgium.
1902.	BARTRAM, HARRY ALFRED ..	{ Worthington Pump Co., 153 Queen Victoria St., E.C.
1915.	BARWICK, HORACE JOHN ..	{ Abeokuta, Southern Nigeria, West Africa.
1914.	BASELEY, REGINALD BRUCE ..	{ Falkland Islands Government, Stanley, Falkland Islands.
1910. G.) 1912. A.M.)	BASKERVILLE, ROBERT HENRY	{ Oakdene, Mottram Rd., Matley, Stalybridge.
1906.	{ BASKERVILLE, WILLIAM SHEB- WIN .. .. .	{ Messrs. Mather and Platt, 31 High St., Cardiff.
1904. G.) 1910. A.M.)	BASTA, HABIB .. .. .	{ 17 Endymion Terrace, Finsbury Park, N.
1905. G.) 1909. A.M.)	BATHE, CECIL DAVID DALRYM- PLE .. .. .	{ Chief Electrical Engineer's Office, L. & N. W. Rly., Euston, N.W.
1909. G.) 1910. A.M.)	BATSON, REGINALD GEORGE	{ Engineering Dept., National Physi- cal Laboratory, Bushy House, Teddington, Middlesex.
1914.	BAUCHOP, DUNCAN FORREST ..	{ Technical College, Barbadoes St., Christchurch, New Zealand.

## Date of Election.

1907.		{ BAX, HAROLD EDMUND IRON- SIDE .. .. . }	Eldon, Weybridge.
1897. G.)		{ BAXANDALL, RICHARD FITZ- GERALD .. .. . }	79 Reginald Terrace, Leeds.
1902. A.M.)			
1918.		BAYLEY, FREDERIC JOHN ..	{ Chief Eng., Cia Mexicana da Petroleo, El Aguila Refinery, Minatitlan, Vera Cruz, Mexico. P.O. Box 5435, Johannesburg, Transvaal.
1908.		BAYLEY, JOHN PARR .. ..	
1900. G.)		BAZIN, JOHN RALPH .. ..	Loco. Dept., G. N. Rly., Doncaster.
1905. A.M.)			
1912.		BEALE, FREDERICK .. ..	{ Gun and Shell Factory, Cossipore, Calcutta, India.
1911.		BEAN, WILLIAM HENRY .. ..	{ Works Manager, Messrs. Newton, Bean and Mitchell, Dudley Hill, Bradford.
1911.		BEANLAND, HENRY .. ..	{ Garnant Anthracite Collieries, Gar- nant, S.O., Carmarthenshire.
1907.		BECHTEL, RICHARD CORNELIUS	{ Thornhurst, Connaught Road, Wolverhampton.
1901.		BECK, ALEXANDER EDWARD ..	{ 115 and 117 Cannon Street, E.C. Palace Chbrs., 9 Bridge St., West- minster, S.W. [ <i>Drossless, Parl,</i> <i>London. Victoria 6720.</i> ] [ <i>For-</i> <i>mer A.M. 1897-1900.</i> ]
1914.		{ BEDBROOK, JAMES ALBERT HARVEY .. .. . }	
1913.		BEDFORD, JESSE .. ..	{ 6 Aldreth Grove, Bishophthorpe Road, York.
1912.		BEECH, ALBERT .. ..	{ 8 Denmark Road, Walsall.
1913.		BEECHING, EDMUND .. ..	{ South Gates Road, Gt. Yarmouth.
1914.		BEERE, ORLANDO GEORGE ..	{ Messrs. Charles Churchill & Co., 9-15 Leonard St., Finsbury, E.C.
1912.		BEEHAM, HUGH STANLEY ..	{ 319 Edmonton Street, Winnipeg, Canada.
1906.		BEGBIE, STANLEY STIRLING ..	{ Cecil Hotel, P.O. Box 274, Bula- wayo, Rhodesia.
1904.		BEGBIE, THOMAS .. ..	{ York G. M. Synd., P. O. Box 54, Krugersdorp, Transvaal.
1899.		BEGBIE, WILLIAM .. ..	{ P. O. Box 192, Middelburg, Trans- vaal.
1909.		BELFORD, CHARLES STORY ..	{ Chief Engineer, Legal Insurance Co., 231-232 Strand, W.C.
1904.		BELL, ALLAN .. ..	{ Bank Bldgs., 60 Castle St., Liver- pool.
1898. G.)		BELL, FRANK .. ..	{ Signal Works, Engineers' Dept., Mid. Rly., Derby.
1902. A.M.)			
1910.		BELL, HERBERT HENRY .. ..	{ Messrs. Herbert Morris Ltd., Principality Bldgs., Cardiff.
1906. G.)		BELL, JOHN .. ..	43 Nassau Road, Barnes, S.W.
1910. A.M.)			
1890. G.)		BELL, WILLIAM THOMAS ..	The Elms, St. Catherine's, Lincoln.
1897. A.M.)			
1914.		BELLAMY, HERBERT ERNEST	{ Res. Eng., Water Supply and Sewerage Branch, P.W.D., Sydney, N.S.W.
1907.		BELLINGHAM, BENJAMIN ..	{ Messrs. J. H. Richards & Co., Cato Street North, Birmingham.
1912. G.)		BELLMAN, HAROLD .. ..	{ Messrs. Walter Bridges & Co., 8 Salters' Hall Court, Cannon St., E.C.
1914. A.M.)			

Date of Election.

1909.	BELSHER, BERNARD JAMES ..	{ 15 Great Alie Street, Stepney, E. [Avenue 4501.]
1908.	BENCE, EDGAR HENRY .. ..	{ Messrs. Ham, Baker & Co., Muni- cipal Engineering Works, Langley Green, Birmingham.
1906.	BENFIELD, JOHN .. .. .	{ Hadfield's Steel Foundry Co., East Hecla Works, Sheffield.
1902.	{ BENINGTON, EDMOND STRANG- MAN .. .. .	{ 7 Streatham Avenue, Greenbank Road, Liverpool.
1901.	{ BENN, WILLIAM WILTSHIRE WENTWORTH .. .. .	{ Chief Eng., Australasian Chilling and Freezing Co., Aberdeen, New South Wales.
1905.	BENNETT, ALFRED TEMPLE ..	{ 56 Park Avenue North, Hornsey, N.
1909.	BENNETT, DUNCAN .. .. .	{ 45 Rye Bank Road, Chorlton-cum- Hardy, Manchester.
1906.	BENNETT, FREDERIC STANLEY	{ Lewgars, Kingsbury, Middlesex.
1902. G.) 1911. A.M.)	BENNETT, HENRY BENJAMIN ..	{ Bombay Electric Supply and Tram- way Co., Colaba Causeway, Bombay.
1901.	BENNETT, PERCY MAYSON ..	{ Ave. Independencia 13 Bis, Mexico, D. F.
1901. G.) 1910. A.M.)	{ BENNETT-POWELL, PERCIVAL GORDON .. .. .	{ Normanhyrst, Harlesden, N.W.
1910.	BENNISON, WILLIAM EDWARD	{ Linotype and Machinery Ltd., Broadheath, Manchester.
1913.	BENSON, HERBERT KAMERER	{ Royal Jubilee Metal Exchange Bldgs., Fisher St., Swansea.
1906.	BENT, WILLIAM .. .. .	{ c/o Messrs. Martin & Co., Clive Street, Calcutta.
1908. G.) 1912. A.M.)	BENTALL, ANTHONY FRANK ..	{ L. C. C. Tramways Dept., 62 Finsbury Pavement, E.C.
1909.	BENTLEY, CUTHBERT WILLIAM	{ 78 James Lane, Leytonstone, N.E.
1908.	BENTLEY, PERCY .. .. .	{ Works Manager, Messrs. Jackson Brothers, Technical Works, Armley, Leeds.
1900.	BENTLEY, THOMAS SIMS .. ..	{ Messrs. C. Churchill & Co., 9-15 Leonard St., Finsbury, E.C.
1907.	BENYON, GEORGE ALFRED ..	{ 31 Abbey Walk, Halifax.
1907.	BENZIE, JOHN GEDDES .. ..	{ Colombo Commercial Co., Colombo, Ceylon.
1912.	BERGIN, JOHN JAMES .. ..	{ Athy, Co. Kildare.
1902.	BERKELEY, TYRUS DOUGLAS ..	{ Clifton, Ruabon.
1908.	{ BERNER, CORRÈZE AAGE OSCAR .. .. .	{ 11 Hayes Road, Bromley, Kent.
1902.	BERRY, FREDERICK .. .. .	{ 5 Bedford Street, Bolton.
1904.	BERRY, ROBERT .. .. .	{ Albion Foundry, Swinton, Man- chester.
1898.	BERRY, THOMAS .. .. .	{ 14 Cobden Crescent, Edinburgh. [Pumps, Edinburgh. Central 7244.]
1902.	BERY, WILLIAM .. .. .	{ De Beers Consolidated Mines, P.O. Box 44, Kimberley, S. Africa.
1912.	BETTISON, FRANK CASSON ..	{ Messrs. Greenwood & Batley, Leeds.
1912.	BEYNON, HERBERT .. .. .	{ Messrs. Ernest West and Beynon, 82 Belvedere Rd., Lambeth, S.E.
1904.	BHARUCHA, FAKIRJEE EDULJEE	{ 63 Bund Garden Rd., Poona, India.
1911.	{ BILL, CHARLES EDWARD STEW- ART .. .. .	{ Corpn. Tramways, Council House, Birmingham.



Date of Election.

1912.	{	BILLINGHURST, RAYMOND	{	Messrs. Thomas Firth & Sons, 8
		WILLIAM BOWEN.. ..		The Sanctuary, Westminster, S.W.
1910.		BILLINGTON, JOHN DUTTON ..	{	Chief Electrical Engr's. Office, L. &
1902. G.)		BILLINTON, PERCY ROBERT ..		N.W. Rly., Euston Station, N.W.
1906. A.M.)				Res. Eng., G. I. P. Rly., Nagpur,
1909.	{	BINNER, JOSEPH WILLIAM	{	India.
		ABERDEEN .. ..		Golfers Club, Whitehall Court,
1909.		BINNS, HERBERT VICTOR ..	{	S.W.
				Messrs. Allen & Binns, 486-488
1903.		BIRD, FRANK NOEL .. ..	{	Glossop Rd., Sheffield.
1907. G.)		BIRD, HAROLD HUGHES ..		Yarloop, Western Australia.
1912. A.M.)				
1912.		BIRD, PHILIP AUGUSTUS ..	{	lebone Station, N.W.
				Prestwood Lodge, Great Missenden,
1907.		BIRKETT, PERCY .. ..	{	Bucks.
				Canadian Explosives Ltd., Na-
1906. G.)		BISHOP, REGINALD .. ..		naimo, Vancouver, B.C.
1910. A.M.)				
1913.		BISHOP, SYDNEY MONTAGUE ..	{	250 Camden Road, N.W.
1908.		BLACK, GEORGE LESLIE ..	{	Dist. Loco. Supt., Egyptian Delta
1912.		BLACK, JAMES .. ..		Light Rlys., Damanhour, Egypt.
				Messrs. Birkmyre Bros., Hastings
1912.		BLACKWELL, GEORGE .. ..	{	Mill, Rishra, E.I. Rly., Bengal.
				216 Nottingham St., Pitsmoor,
1902.		BLAGDEN, ARTHUR HERBERT	{	Sheffield.
				Municipal Electricity Works,
1909.		BLAIKIE, JAMES NORMAN ..	{	Shanghai, China.
				Brigstock Terrace, Ferryside, Car-
1909.		BLAKE, FRANCIS CLAUDE ..	{	marthenshire.
				Motor Works, Station Avenue, Kew
1912.		BLAKENEY, STEPNEY EDWARD	{	Gardens, S.O., Surrey.
				Blackburn Aeroplane and Motor
1904.		BLAKER, ALEXANDER AUBREY	{	Co., Olympia, Leeds.
				Manor Engineering Works, East
1905.		BLAKER, WILLIAM HERBERT	{	End Road, East Finchley, N.
				Engineer's Office, I. of M. Harbour
1904.		BLAKEY, JASPER .. ..	{	Commissioners, Douglas, Isle of
				Man.
1910.		BLOOR, EDWIN HAROLD ..	{	7 Duke of York St., Wakefield.
				50 Craighouse Gardens, Edin-
1904.		BLOYD, FRANCIS GEORGE ..	{	burgh.
				Engineer's Office, S.E. & C. Rly.,
1907.		BLYTH, HERBERT .. ..	{	London Bridge, S.E.
				54 Leopold Rd., St. Andrews,
1913.		BLYTHE, EDWARD .. ..	{	Bristol.
				Corporation Electricity Works,
1912.		BLYTHE, WALTER AFFORD ..	{	Sculcoates Lane, Hull.
				26 Machon Bank, Sheffield.
1912.		BOAK, CHARLES FREDERICK ..	{	Messrs. Martin & Co., 6 and 7 Clive
				St., Calcutta, India.
1907.		BOCK, JAMES KERR .. ..	{	Norfolk House, Norfolk St.,
				Strand, W.C.
1907.		BOLLAM, WILLIAM CHRIS ..	{	County Eng. and Surveyor's Dept.,
				Guildhall, Westminster, S.W.
1905. G.)		BOLTON, EDWARD JOHN ..		Messrs. Thomas Bolton and Sons,
1912. A.M.)				
1909.		BOLTON, HENRY .. ..	{	2 New Hill, Goodwick, Pembroke-
				shire.

## Date of Election.

1906.	BONAR, HORATIUS .. .. .	{ c/o Messrs. Thos. Cook & Son, Old Court House St., Calcutta.
1907.	BONAR, JOHN .. .. .	{ Supt. Eng., Water Works, Allahabad, India.
1909.	BOOTH, JULIAN LIVINGSTON ..	{ 125 Elmer Avenue, Schenectady, N.Y., U.S.
1900. G. } 1906. A.M. }	BOREHAM, GEORGE HENRY ..	{ 12 Alpha Place, Flood St., Chelsea, S.W.
1910.	BORLAND, ROBERT .. .. .	{ Assist. Supt., Govt. Dockyard, Sydney, New South Wales.
1913.	BOSTOCK, FRANCIS JOHN ..	{ Messrs. David Brown & Sons, Huddersfield.
G. 1900. G. } 1902. A.M. }	BOTT, WALTER STANLEY ..	{ Messrs. Arthur Lyon & Co., Caxton House, Westminster, S.W.
1907.	BOULTBEE, HENRY ARTHUR ..	{ Holmlea, Western Avenue, Ashford, Kent.
1907.	BOURNE, ERNEST SPENCER ..	{ Redcliffe, Heath Rd., Runcorn.
1912.	BOUSFIELD, ARTHUR JOSEPH ..	{ Isle of Thanet Tramways Co., St. Peters, Broadstairs.
1898.	BOUTS, THOMAS .. .. .	{ 75 Sarsfeld Road, Balham, S.W.
1902.	BOW, JOHN .. .. .	{ Ferro Carril del Sud, Dept. de Via y Obras, Buenos Aires, Arg. Rep.
1901. G. } 1905. A.M. }	BOWEN, CHARLES WILLIAM ..	{ 6 Balfour Road, Acton, W.
1911.	BOWEN, WILLIAM .. .. .	{ 69 Prudential Bldgs., Park Row, Leeds.
1910.	BOWER, CLIFFORD OAKES ..	{ Messrs. Buchanan, Jones & Co., Antofagasta, Chile.
1909.	BOWLES, CHARLES WILLIAM ..	{ State Engr., P.W.D., Patiala State, Patiala, Punjab, India.
1901. G. } 1907. A.M. }	BOWMAN, HAROLD EDELSTEN	{ Messrs. Stevensons', Canal Foundry, Preston.
1910.	BOWSER, HOWARD ARTHUR ..	{ (Lieut., R.G.A.) c/o Messrs. Cox & Co., 16 Charing Cross, S.W.
1900. G. } 1903. A.M. }	BOX, WILFRID LEONARD ..	{ Liverpool Overhead Rly., 31 James St., Liverpool.
1906.	{ BOXER, Eng. Lieut. ARTHUR CHICHESTER, R.N. .. .. .	{ c/o Messrs. Woodhead & Co., 44 Charing Cross, S.W.
1903.	BOYD, HUGH .. .. .	{ Supt. Eng., United Alkali Co., Fleetwood, R.S.O., Lancashire.
1900.	BOYD, WILLIAM .. .. .	{ Woodlea, Chester Rd., Hartford, Northwich.
1910.	BOYS, SIDNEY JAMES .. .. .	{ Messrs. Henry Boys & Son, New Mills Works, Walsall.
1912.	BRABNER, FREDERIC .. .. .	{ c/o Messrs. Reuters Ltd., Moore St., Sydney, N.S.W.
1914.	{ BRACKENBURY, KENNETH FABIAN .. .. .	{ Messrs. Guthrie and Co., 5 Whittington Avenue, E.C.
1912.	BRADSHAW, STANLEY .. .. .	{ The Elms, Heathville Road, Gloucester.
1907.	BRADY, HUGH WOODHAMS ..	{ 53A Barton Arcade, Manchester.
1912.	BRAMELD, PHILLIP .. .. .	{ c/o H. G. Brameld, Casilla 890, Valparaiso, Chile.
1914.	BRAMLEY-MOORE, SWINFEN ..	{ Advanced M.T. Depôt, British Expeditionary Force, France.
1903. G. } 1912. A.M. }	BRAND, WILLIAM DEANE ..	{ 17 North Side, Clapham Common, S.W.

Date of Election.

1908.		{ BRAUN, HENRY CHARLES HERBERT .. .. . }	{ Inventors' Engineering Co., 149-153, 236-238 Pentonville Rd., King's Cross, N.
1906.	G.)	{ BREMNER, ALLAN JAMES .. BREMNER, JAMES, Jun. .. }	{ Messrs. H. Simonis & Co., Cumberland Avenue, Park Royal, N.W. Tower Bldg., Water St., Liverpool.
1913.	A.M.)		
1907.			{ Messrs. Watney, Combe & Reid, The Brewery, Mortlake, S.W.
1906.		{ BRIERLEY, HARRY HEATON .. }	{ Cranham Holme, Upminster, Essex.
1914.		{ BRIERLEY, NORMAN HOWORTH }	{ Wayside, Shripney, Bognor.
1902.		{ BRIGGS, ROBERT ALEXANDER }	{ 3 Hurlingham Gardens, Hurlingham, S.W.
1898.		{ BRINDLEY, HARRY SAMUEL BICKERTON .. .. . }	{ Ordnance Offices, Stirling.
1903.	G.)	{ BRITTON, Captain EDWIN JOHN JAMES, A.O.D. .. .. . }	{ Works Manager, Zimma Works Ltd., Yokohama, Japan.
1905.	A.M.)		
1915.		{ BRITTON, FRANK GUYVER .. }	{ 947 Huddersfield Rd., Scouthead, Oldham.
1910.		{ BROADBENT, HARRY .. .. }	{ Manager and Eng., Municipal Electricity Undertaking, Perth, W. Australia.
1906.		{ BROADBENT, HERBERT .. .. }	{ The Grange, Wilmslow, Manchester.
1910.		{ BROADBENT, LEONARD DALTON }	{ Cumberland House, Hide Road, Harrow.
1914.		{ BROCK, HERBERT JOSIAS .. }	{ 92 Fishergate, Preston.
1914.	G.)	{ BROCKLEHURST, HERBERT CECIL BROCKLEY, CARL WILTON .. }	{ 101 Water St., Vancouver, British Columbia.
1904.	A.M.)		
1909.			{ Engineer's Dept., Rochdale Canal Co., Rochdale.
1905.		{ BROOKE, HARRY .. .. . }	{ Old Umtali, Southern Rhodesia, S. Africa.
1909.		{ BROOKS, GEOFFREY .. .. . }	{ Municipal Tech. School, Leicester.
1903.		{ BROOKS, JOHN FREDERICK .. }	{ Sungei Pari Mines, c/o Messrs. W. Mertens & Co., Ipoh, Perak, F.M.S.
1914.		{ BROOKSBANK, FRANK .. .. }	{ The University, Birmingham.
1911.		{ BROSCOMB, FREDERICK JAMES }	{ Humber Graving Dock & Engineering Co., Immingham, Grimsby.
1912.		{ BROTHERTON, ERIC .. .. . }	{ Chief Electl. Engr's. Office, L. & N. W. Rly., Euston, N.W.
1909.		{ BROUGHALL, GEORGE .. .. }	{ Enmore, Demerara, British Guiana.
1912.		{ BROUGHTON, ARTHUR CHARLES }	{ 19 Pine Grove, Monton Green, Eccles.
1904.		{ BROUGHTON, FREEMAN .. .. }	{ The Hollies, Surrenden Road, Brighton.
1900.	G.)	{ BROUGHTON, HAROLD HODG- KINSON .. .. . }	{ Textile Bldgs., Belfast. [3109.]
1910.	A.M.)		
1909.		{ BROWN, ALFRED WILLIAM .. }	{ Ulundi Rd., Johnstone.
1910.		{ BROWN, BERNARD HARDESTY }	{ 26 Eastney Road, Portsmouth.
1912.		{ BROWN, BERTRAM HUGH .. }	{ Springhill, Gladstone Grove, Heaton Moor, Stockport.
1901.	G.)	{ BROWN, CHARLES ANDERTON .. }	{ Works Manager, New Gutta Percha Co., 52A Croom's Hill, Greenwich, S.E.
1903.	A.M.)		
1914.		{ BROWN, CHARLES HALL .. .. }	{ Messrs. Brown & Barlow, Westwood Rd., Witton, Birmingham.
1908.		{ BROWN, CLEMENT .. .. . }	{ The Shanty, River St., South Perth, Western Australia.
1910.		{ BROWN, FRANCIS VEBBIL .. }	

Date of Election.

1908.	BROWN, HERBERT .. .. .	{ Woodlands, Jersey Marine, Briton Ferry, Glam.
1911.	BROWN, JAMES HENRY .. .. .	{ Genl. Manager, Lancashire Water Cooler Co., Glasshouse St., Regent Road, Salford, Manchester.
1901.	BROWN, JOHN POLLOCK .. .. .	{ 19 Westminster Terrace, Sandyford, Glasgow.
1908.	BROWN, ROBERT HARRY .. .. .	{ Corporation Gas Works, Birkenhead.
1911.	BROWN, ROBERT MACKIE .. .. .	{ James Watt Engineering Laboratories, The University, Glasgow.
1905.	BROWN, WALTER LINDAHL .. .. .	{ 15 Eldon Square, Reading.
1913.	BROWN, WILLIAM PRINGLE .. .. .	{ Engineering Dept., Carron Co., 15 Upper Thames St., E.C.
1910.	BROWNE, ALEXANDER FLEMING .. .. .	{ Messrs. Davidson & Co., Egypt House, New Broad St., E.C.
1906.	BROWNE, ROLANDO HARRY .. .. .	{ La Compañia de Arauco, Coronel, Chile.
1910.	BROWNING, GEORGE .. .. .	{ Messrs. Millar & Allan, 11 Bothwell St., Glasgow.
1907.	BRUCE, ARCHIBALD KAY .. .. .	{ St. Ninians, Hatch End, S. O., Middx.
1908.	BRUCE, CHARLES WILLIAM .. .. .	{ Res. Eng., Rohilkund and Kumaon Rly., Bareilly, U.P., India.
1912.	BRUCE, DAVID COLVILLE .. .. .	{ Res. Eng., Buenos Aires and Pacific Rly., Puerto Galvan, Bahia Blanca, Arg. Rep.
1911.	BRUCE, FREDERICK THOMPSON .. .. .	{ Govt. Workshop, Richmond Street, Port of Spain, Trinidad.
1898. G. }	BRUCE, JOHN GEORGE .. .. .	{ F. C. de B. A. al Pacifico, Florida 783, Buenos Aires, Arg. Rep.
1904. A.M. }		
1905. G. }	BRÜCKMANN, OTTO JAMES .. .. .	{ Dronley, Woodside Park Road, North Finchley, N.
1911. A.M. }		
1907. G. }	BRUCKSHAW, HERBERT STANLEY .. .. .	{ Messrs. J. Musgrave and Sons (1918) Ltd., Bolton.
1914. A.M. }		
1914.	BRYCE, WILLIAM .. .. .	{ General Manager, Titaghur Paper Mills Co., Titaghur, E.B.S. Rly., Bengal.
1914.	BUCHANAN, GEORGE .. .. .	{ Chief Eng., S.S. "Shaohsing," Messrs. Butterfield and Swire, Shanghai, China.
1913.	BUCKLEY, CLIFFORD LAUD .. .. .	{ 36 Leopold Street, Spencer Place, Leeds.
1908.	BUCKLEY, FRANK .. .. .	{ H. H. Nizam's Guaranteed State Rly., Secunderabad, Deccan, India.
1905.	BUCKLEY, PHILIP .. .. .	{ Britannia Rd., Morley, Leeds.
1905. G. }	BUCKTON, ERNEST JAMES .. .. .	{ 69 Hampton Rd., Forest Gate, E.
1911. A.M. }		
1910. G. }	BUDDEN, GARETH WALTON .. .. .	{ 26 Netherhall Gardens, South Hampstead, N.W.
1914. A.M. }		
1911.	BUDGE, JOHN .. .. .	{ Works Manager, Standard Motor Co., Foleshill Road, Coventry.
1903. G. }	BULKELEY, GEORGE VICARY OWEN .. .. .	{ Motor Car Dept., G.W. Rly., Slough.
1910. A.M. }		
1912.	BULL, CHARLES GASTON .. .. .	{ 148 Boulevard de Charonne, Paris.
1905.	BULL, EDWARD JOSEPH .. .. .	{ Dist. Eng., Chupra, Sarun District, Bengal.

Date of Election.

1900.	BULL, ROWLAND FRANCIS ..	{ Hulton Colliery Co., Chequerbent, Bolton.
1900.	BULL, THOMAS PALMER .. ..	{ Messrs. C. Nelson & Co., Stockton, Rugby.
1901. G. }	BULLEID, OLIVER VAUGHAN	{ Loco. Carr. and Wagon Dept.,
1911. A.M. }	PUGH .. .. .	{ G.N. Rly., Doncaster.
1902.	{ BULLMORE, ALFRED WILLIAM	{ Eng., First Garden City, Letch-
	{ ERNEST .. .. .	{ worth, Herts.
1910.	{ BULLMORE, FREDERICK	{ 10 Stratton Place, Falmouth.
	{ CHARLES .. .. .	
1897. G. }	BULLOCK, RICHARD CECIL ..	{ 4 Northumberland Bldgs., Bath.
1901. A.M. }	BULMER, GEORGE HENRY ..	{ The College, Marlborough.
1914.	BUMPUS, BERNARD EBENEZER	{ Messrs. Dick, Kerr & Co.,
		{ Abchurch Yard, Cannon Street,
		{ E.C.
1909. G. }	BUMPUS, FRANK ARNOLD ..	{ 800 Penn Avenue, Wilksburg,
1913. A.M. }		{ Pa., U.S.
1902.	BUNN, CHARLES WILLIAM ..	{ Charlemont, West Bromwich.
1911.	BURBUSH, GEORGE HARVEY ..	{ Bovril Estates Co., Santa Elena,
		{ Entre Rios, Arg. Rep.
1893.	BURDEN, ALFRED GEORGE ..	{ Messrs. Cammell Laird & Co.,
		{ P.O. Box 665, Johannesburg,
		{ Transvaal.
1903. G. }	BURDOCK, ARTHUR .. ..	{ 29 East Avenue, Burnage, Man-
1912. A.M. }		{ chester.
1911. G. }	BURGE, JAMES FRANK .. ..	{ Lancs. and Yorks. Rly. Works,
1913. A.M. }		{ Horwich, Lancs.
1903. G. }	BURGE, RODON LUDFORD ..	{ 23 West Ohio Street, Chicago,
1910. A.M. }		{ Ill., U.S.
1908.	BURGESS, FREDERICK WILLIAM	{ 181 Stonelaw Rd., Rutherglen,
		{ Glasgow.
1911.	BURGON, FREDERICK HARRY ..	{ Messrs. W. S. Laycock, Millhouses,
		{ Sheffield.
1909	BURKE, THOMAS NICHOLAS ..	{ Harbour Office, Belfast.
1914.	BURLEY, GEORGE WILLIAM ..	{ Applied Science Dept., The Uni-
		{ versity, Sheffield.
1914.	BURN, GEORGE FRANCIS ..	{ Dept. of Mechanical Engineering,
		{ Central Technical School, Cook-
		{ ridge St., Leeds. [Former A.M.
		{ 1895-1904.]
1907.	BURN, LOUIS .. .. .	{ 9 Rosemont Villas, North Finch-
		{ ley, N.
1903.	BURNAND, AUGUSTUS HENRY ..	{ Messrs. Moonbeams, Royal Pier
		{ Gates, Southampton.
1890. G. }	BURNE, EDWARD LANCASTER .	{ 14 Victoria St., Westminster, S.W.
1895. A.M. }		{ [Cloacalis, London. Westminster
		{ 5128.]
1897.	BURNSIDE, BERTRAM W. ..	{ Loco. Dept., Burma Rlys., Insein,
		{ Burma.
1911.	{ BURNSIDE, FRANCIS INGOLDSBY	{ Menzies Hotel, Melbourne, Vic-
	{ MASSY .. .. .	{ toria.
1910.	BURNSIDE, GODFREY MASSY ..	{ Hotel Majestic, 158-160 Cromwell
		{ Road, S.W.
1909.	BURR, JAMES WILLIAM .. ..	{ Electricity Works, Factory Lane,
		{ Croydon.
1904.	BURT, JOHN WILLIAM EDWARD	{ Betsham Villa, Betsham, Graves-
		{ end.
1903.	BURT, LESLIE NEWMAN ..	{ 7 Outer Temple, 222 Strand, W.C.

## Date of Election.

1899.	BURT, THOMAS ROSS .. ..	{ 87 Cargill Street, Dunedin, New Zealand.
1907.	BURTON, JAMES HENRY .. ..	{ 8 Willow Grove, Ingrow, Keighley.
1907.	BURTON, WALTER FRANK .. ..	{ Chief Eng., Car and General Insurance Corp., 83 Pall Mall, S.W.
1908.	BUSH, ARCHIBALD GEORGE .. ..	{ Bryn Asaph, Romilly Rd., Cardiff.
1914.	BUSK, EDWARD TESHMAKER .. ..	{ Royal Aircraft Factory, South Farnborough.
1904. G. } 1911. A.M. }	BUSSEY, LIONEL ERNEST .. ..	{ 65 Sandmere Road, Clapham, S.W.
1913.	{ BUTCHER, ALEXANDER CRAN- STON .. .. .	{ Dept. of Harbours and Lights, Fremantle, Western Australia.
1910.	BUTCHER, JAMES DOUGLAS .. ..	{ Messrs. Siemens Brothers' Dynamo Works, Box 25, Kuala Lumpur, Selangor, F.M.S.
1891. G. } 1898. A.M. }	BUTCHER, WALTER EDWARD .. ..	{ British Thomson-Houston Co., 83 Cannon St., E.C.
1904.	BUTLER, GEORGE HENRY .. ..	{ Docks Engineer's Office, Cumberland Basin, Bristol.
1891. G. } 1896. A.M. }	BUTTENSCHAW, GEORGE ESK- HOLME .. .. .	{ Lynbrook, 120 Wilbraham Rd.; Chorlton-cum-Hardy, Manchester.
1910.	{ BUTTERFIELD, WILLIAM ARTHUR .. .. .	{ Asiatic Petroleum Co., Hong Kong, China.
1911.	BUTTERWORTH, FRANK NESTLE .. ..	{ 9 Ferme Park Mansions, Crouch End, N.
1902.	BUTTON, JOHN WILLIAM .. ..	{ Gas Meter Co., 238 Kingsland Rd., N.E.
1904.	BUXTON, RICHARD HENRY .. ..	{ 16 Herndon Road, Wandsworth, S.W.
1905.	CABENA, RICHARD HANSON .. ..	{ 120 Sydenham Rd. N., Croydon.
1913.	CABLE, GORDON PORTER .. ..	{ Mechanical Branch, Bombay Municipality, Bombay.
1910.	CABLE, JAMES WILLIAM .. ..	{ Messrs. Harker, Cable & Co., 110 Cannon St., E.C. [ <i>Ardroccy, London.</i> ]
1907.	CABLE, MATTHEW .. .. .	{ Corpn. Tramways, Wellington, New Zealand.
1908.	CACHEMAILLE, EUGENE DESIRÉ .. ..	{ Wellington Harbour Board, Wellington, New Zealand.
1913.	CADMAN, WALTER JOHN .. ..	{ Franking Machines, Ltd., 15 Houghton St., Aldwych, W.C.
1914.	CAIRNS, HUGH SLADE .. ..	{ Indo-Burma Petroleum Co., Yenangyaung, Burma.
1900.	CALDERWOOD, WILLIAM .. ..	{ Joint Managing Director, Messrs. Palmer & Co., Stratford, E.; and 83 Hampton Rd., Forest Gate, E.
1911.	{ CALDWELL, JOHN MONTGOM- ERY .. .. .	{ Manager, Vacuum Oil Co., 6 Lyons Range, Calcutta.
1914.	CALDWELL, PETER SCOTT .. ..	{ 10 Wood St., Dennistoun, Glasgow.

## Date of Election.

1914.	CALL, DONALD FERDINAND ..	{ Engine Works Dept., Messrs. J. Samuel White & Co., East Cowes, I. of W.
1913.	CALLIS, FREDERICK THOMAS	{ 49 Shrewsbury St., Old Trafford, Manchester.
1905.	CALVARD, FRANK .. .. .	{ 22 Granville Road, Stroud Green, N.
1911.	CALVERLEY, VINCENT .. ..	{ Wood View, Avondale Grove, Shipley.
1906.	CALVERT, EDWARD .. .. .	{ Chief Electrical Eng., Electricity Works, Finchley, N.
1902. G.)	CAMARGO, JOHN ANTONIO DA	{ Messrs. Ramiro Leão & Co., Chiado,
1905. A.M.)	ROCHA .. .. .	{ Lisbon, Portugal.
1912.	CAMERON, DOUGLAS EVAN ..	{ Fairfield, Bishops Rd., Whitechurch, Cardiff.
1913.	CAMERON, JOHN WELLS ..	{ Messrs. Hayward Tyler & Co., Luton.
1913.	CAMERON, THOMAS MITCHELL	{ Messrs. Alexander Findlay & Co., Parkneuk Works, Motherwell.
1911.	CAMPBELL, ALBERT JOHN ..	{ Messrs. Escher Wyss & Co., Zürich, Switzerland.
1908.	{ CAMPBELL, ALEXANDER WIL- LIAM .. .. .	{ Chatteris Engineering Works Co., 139-140 Gresham House, Old Broad St., E.C. [ <i>Pulsation, London. London Wall 5898.</i> ]
1901.	{ CAMPBELL, ERNEST WATER- HOUSE .. .. .	{ Dolphin Foundry, Saynor Rd., Hunslet, Leeds.
1910.	CAMPBELL, JAMES ALEXANDER	{ Wharf Engineering Co., 2 Parsons Wharf, High Road, Ilford.
1911.	{ CAMPBELL, JAMES WILLIAM- SON .. .. .	{ Royal Technical College, Glasgow.
1912.	CAMPBELL, JOHN DONALD ..	{ Ganges Jute Mills, Seebpore, Howrah, India.
1910.	CAMPBELL, KENNETH WILLIAM	{ Supt. Eng., Messrs. Mackenzie & Co., Shanghai, China.
1910.	CAMPION, JOHN .. .. .	{ Municipal School of Technology, Manchester.
1911.	CANDLER, ARTHUR VAN BUREN	{ Isthmian Canal Commission, Washington, D.C., United States.
1904.	CANNON, REGINALD .. .. .	{ P. O. Box 4746, Johannesburg, Transvaal.
1906. G.)	CAPE, ASHBY .. .. .	{ Longai Valley Tea Co., Chandkhira
1911. A.M.)		{ P.O., Sylhet, India.
1911.	CAPSTICK, RICHARD .. ..	{ 7 Willowdale Road, Mossley Hill, Liverpool.
1913.	CARDEW, DAVID .. .. .	{ Dist. Loco. Supt., Oudh and Rohilkhand State Rly., Moradabad, U.P., India.
1911.	CARNALL, ALFRED .. .. .	{ Ye Grey House, Kilpauk, Madras, India.
1908.	CARNE, HENRY .. .. .	{ Waterworks Eng., Biggleswade Water Board, Biggleswade.
1912.	CARNEGIE, EBENEZER .. ..	{ Electric Steel & Metals Co., Welland, Ont., Canada.
1908.	{ CAROSIO, GIOVANNI ( <i>Life Asso- ciate Member</i> ) .. .. .	{ General Manager, Compañía Industrial, Calle Belgrano 482, Buenos Aires, Arg. Rep.
1913.	CARPENTER, HERBERT .. ..	{ 43 Hallewell Road, Edgbaston, Birmingham.

Date of Election.

1904.	{	CARR, CHRISTOPHER RALPH	85 Kirkstall Rd., Leeds.
	{	(Life Associate Member) ..	
1900.		CARR, HARRY OSWALD .. ..	{ Wandsworth and Putney Gas Light and Coke Co., North St., Wandsworth, S.W.
1898.		CARR, JAMES JOHN WILLIAM ..	{ Woodland Works, Grove Lane, Smethwick, Birmingham. [ <i>Bells, Smethwick.</i> 2018.]
1903. G.}		CARR-GOMM, MARK CULLING	P.W.D., Lagos, S. Nigeria.
1908. A.M.}		CARRICK, JOSEPH ERNEST	{ N.E. Rly., North Road Station, Darlington.
1902. G.}		CECIL .. .. .	{ Managing Director, Messrs. James Carson & Co., Oaklands Rd., Cricklewood, N.W.
1910. A.M.}		CARSON, JAMES .. .. .	{ 10 Eastwood Road, Goodmayes, Ilford.
1900.		CARSTAIRS, GILBERT LANGLOIS	{ Engineering Dept., Mining and Technical College, Wigan.
1913.		CARTER, ALFRED ERNEST ..	{ 2 Priory Close, Ruislip Manor, Uxbridge.
1914.		CARTER, ASHLEY .. .. .	{ South Lawn, St. Paul Street, Stamford.
1908.		CARTER, EVERSHEDE .. ..	{ 15 Edenhurst Rd., Mile End Lane, Stockport.
1901.		CARTER, FRANK .. .. .	{ Grey Friars, St. Pauls Rd., Stamford.
1908.		CARTER, FRANK .. .. .	{ 12 Nutfield Gardens, Thornton Heath, Surrey.
1906.		CARTER, HAROLD HERBERT ..	{ Shenstone, Recreation Rd., Tilehurst, Reading.
1905.		CARTER, HENRY CHARLES ..	{ Chief Eng., The New Explosives Co., Stowmarket.
1904.		CARTER, JOHN ARTHUR .. ..	{ Netherfield, Totley, Sheffield.
1906.		CARTER, WALTER .. .. .	{ 69 Buchanan St., Glasgow.
1901.		{ CARTMELL, JOHN MONK-HOUSE .. .. .	
1905. G.}		CARTWRIGHT, AUBREY CHARLES	{ El Teb, Passara, Ceylon.
1913. A.M.}		MATTHEWS .. .. .	{ Messrs. William Heap and Co., Oldham Road Tool Works, Ashton-under-Lyne.
1913.		CARTWRIGHT, WILLIAM, JUN.	{ Eng., Hulton Colliery Co., Chequerbent, Bolton.
1913.		CARY, ALBERT AMESBURY ..	{ 39 Larch Street, Southport.
1905.		CASSON, ROBERT .. .. .	{ 32 Elibank Road, Eltham, S.E.
1913.		CASTER, GEORGE .. .. .	{ Oudtshoorn, Cape Colony.
1909.		CASTLE, FRANK .. .. .	{ 27 Clement's Lane, E.C. [ <i>Inbrake, London. Central 5735.</i> ]
1894. G.}		CATER, JOHN McLLVAINE	{ The Rookery, London Rd., Bromley, Kent.
1899. A.M.}			{ Derby Gas Light and Coke Co., Friar Gate, Derby.
1900.		CATMUR, THOMAS STUCLEY ..	{ Mech. Engineering Dept., Royal Arsenal, Woolwich.
1910.		CATON, WILLIAM EAMES ..	{ Kingsnorth Naval Airship Station, Hoo, Rochester.
1911.		CATELL, WALTER HILL GALPIN	
1912.		{ CAVE-BROWNE-CAVE, Squadron Commr. THOMAS REGINALD, R.N.	
1905. G.}		CHADWICK, GEORGE HERBERT	{ Loco. Works Manager, Peruvian Central Rly., Lima, Peru.
1906. A.M.}			



Date of Election.

1904.	CHADWICK, RICHARD .. ..	{ Supt. of Rolling Stock, Corpn. Tramways, Laird St. Depôt, Birkenhead.
1912.	{ CHADWICK, ROBERT JOSEPH MONTAGUE .. .. ..	{ Milton Terrace, Napier, Hawke's Bay, New Zealand.
1895.	{ CHALLENGER, GODFREY RICH- ARD .. .. ..	{ Messrs. John Jameson & Son, Bow St. Distillery, Dublin.
1910.	CHALLINER, CHARLES SMITH ..	{ General Manager, Shrewsbury & Challiner Tyre Co., Kay Street, Ardwick Green, Manchester.
1910.	{ CHALLONER, FRANK BICKER- STAFFE .. .. ..	{ Maybell Avenue, Blackpool.
1912.	CHALMERS, ALEXANDER SPENCE	{ Overtoun Institution, Livingstonia, Nyasaland.
1910.	CHALMERS, JOHN REID .. ..	{ 53 Meadowpark St., Dennistoun, Glasgow.
1910.	{ CHALMERS, THOMAS WIGHT- MAN .. .. ..	{ 33 Norfolk St., Strand, W.C.
1914.	CHAMBERLAIN, HORACE .. ..	{ Manager, Corporation Gas Dept., Stanley St., Workington.
1902. G.) 1905. A.M.)	CHAMBERS, EDWARD HAWARD	Farcroft, Aberdovey, Merioneth.
1911.	CHAMPION, GEORGE THOMAS ..	{ Messrs. Veritys, 26 Eldon Square, Newcastle-on-Tyne.
1911.	CHANCE, CLINTON FREDERICK	{ Messrs. Chance and Hunt, Oldbury, Birmingham.
1907.	CHANDLER, FRANK ASHTON ..	{ Zovod Plant, Malia Serpuchovka, Moscow, Russia.
1902.	CHANNON, PHILIP PERCIVAL ..	{ Eng., Haywards Heath District Gas Co., Mill Green Rd., Haywards Heath.
1911.	{ CHAPMAN, Eng. Lieut. D'ARCY MITCHEL, R.N. .. ..	{ Riverside House, Sunbury-on-Thames, Middx.
1907.	CHAPMAN, EDWIN .. .. ..	{ Westminster Electric Supply Corpn., Horseferry Rd. Central Stn., Westminster, S.W.
1913.	CHAPMAN, HORACE WILLIAM	Sewerage Engineer's Office, Great George St., Leeds.
1913.	CHAPMAN, JAMES FRASER ..	7 Cedar Street, Hopwood Lane, Halifax.
1899.	CHAPMAN, SAMUEL .. .. ..	{ 5 Carr St., Blackfriars St., Manchester.
1907.	CHARLTON, HENRY JOHNSON ..	{ Assist. Carr. & Wagon Superintendent, North Western Rly., Lahore, India.
1903.	{ CHARNOCK, CLEMENT JOSEPH (Life Associate Member) ..	{ 55 Malaya Ordinka, Moscow, Russia.
1904.	CHARNOCK, HARRY HORSFIELD	{ Managing Director, Messrs. Vicoul Morosoff & Sons, Orehovo, near Moscow, Russia.
1905.	CHARNOCK, JOHN AITON .. ..	{ William Tod Co., Youngstown, Ohio, U.S.
1911.	CHARNOCK, JOHN EDMUND ..	{ Weyside Engineering Works, Farnham Rd., Guildford.
1902. G.) 1907. A.M.)	CHATFIELD, KYRLE RUDSTON ..	{ Junior Carlton Club, Pall Mall, S.W.
1910.	CHAVIARA, JOHN NICHOLAS ..	{ Scottish Provident Bldgs., 25 Castle St., Liverpool.

Date of Election.

1903. G.)	CHEESEMAN, ALFRED BRYSON	{ 8 New Coventry St., W. [ <i>Fanum</i> ,
1911. A.M.)	EAST .. .. .	<i>London. Mayfair</i> 1430.]
1909. G.)	CHETTLE, NORMAN .. .. .	{ Messrs. Jessop and Co., 93 Clive
1914. A.M.)		Street, Calcutta.
1908. G.)	CHILD, HERBERT WILLIAM ..	{ 66 Derby Road, Ponders End,
1911. A.M.)		Middlesex.
1908.	CHILD, JOHN .. .. .	{ 93 South Park Drive, Seven Kings,
		Ilford.
1904. G.)	CHILD, PERCY DOUGLAS ..	{ Waverley, Deerbarn Rd., Wood-
1906. A.M.)		bridge Hill, Guildford.
1910.	CHIPPERFIELD, WALTER ..	{ Works Manager, Messrs. Roneo,
		Roneo Works, Romford.
1911.	CHIVELL, WILLIAM RICHARD	{ Powysland Plantation, Kilifi, Tak-
		aungu P.O., British E. Africa.
1908.	CHIVERS, FRANCIS ERIC ..	{ Plas Newydd, Burry Port, Car-
		marthenshire.
1903.	CHIVERS, FRANK EVANS ..	{ Beberibe Water Works, Pernam-
		buco, Brazil.
1900.	CHORLEY, RICHARD .. ..	{ Technical School, Stockport.
1912.	CHOWNA, PALLONJI DADABHOY	{ Messrs. Drewet, Chowna & Co., 212
		Church Gate St., Bombay.
1910.	CHRISTIAN, EDWARD ALAN ..	{ Mersey Rly. Co., Central Station,
		Birkenhead.
1903.	{ CHRISTIANSEN, ADOLPH GOTH-	{ Bombay Municipality, De Lisle
	ARD, JUL. .. .. .	Rd., Chinchpokli, Bombay.
1904.	CHRISTMAS, EDWIN BOSSWARD	{ 20 Victoria Rd., Broomhall Park,
		Sheffield.
1900. G.)	CHUBB, HARRY EMORY ..	{ 50 Upper George Street, Bryanston
1906. A.M.)		Square, W.
1904. G.)	CHUTE, MERVYN LYDE ..	{ London Traffic Branch, Board of
1906. A.M.)		Trade; and Sudbury Farm
		House, near Harrow.
1905.	CLACHER, THOMAS .. ..	{ 50 Valentines Rd., Ilford.
1906.	CLAPHAM, JOHN PEELE ..	{ Sportsmans Battalion, Royal Fusi-
		liers, Hornchurch, Romford.
1900. G.)	CLAPHAM, THOMAS ALBORN ..	{ Wellington Foundry, Keighley.
1905. A.M.)		
1896.	CLARE, ERNEST .. ..	{ Messrs. Sidney Straker & Squire,
		Nelson Sq., Blackfriars, S.E.
1913.	CLARE, GEORGE ERNEST ..	{ 52 Russell Road, Wimbledon,
		S.W.
1908.	CLARK, ALBERT BERNARD ..	{ 4652 Woodlawn Avenue, Chicago,
		Ill., U.S.
1909.	CLARK, ALEXANDER GRAHAM	{ 153 Melrose Avenue, Wimbledon
		Park, S.W.
1910.	CLARK, ARTHUR .. ..	{ Rothesay, Colney Hatch Lane,
		New Southgate, N.
1909.	CLARK, FRANK WILLIAM ..	{ 32 St. John's Mansions, Clapton
		Sq., Hackney, N.E.
1905.	CLARK, HERBERT ADE ..	{ Northern Polytechnic, Holloway
		Rd., N.
1902. G.)	CLARK, HUBERT CHARLES ..	{ 93 Holyhead Road, Coventry.
1903. A.M.)		
1913.	CLARK, JAMES JOHN ..	{ Engineering Laboratories, The
		University, Liverpool.
1894.	CLARK, JAMES LESTER ..	{ 255 Cromwell Road, Kensington,
		S.W.
1909.	CLARK, ROBERT .. ..	{ Stirling Boiler Co., 54 Victoria St.,
		Westminster, S.W.

Date of Election.

1902. G. } 1906. A.M. }	CLARK, ROBERT GEORGE ..	{ 28 Kimberley Rd., Roath Park, Cardiff.
1908. G. } 1914. A.M. }	CLARKE, Eng. Lieut. GEORGE PULESTON, R.C.N. .. ..	{ H.M.S. "Monarch," 2nd Battle Squadron, 1st Fleet, c/o Post- master General, E.C.
1910.	CLARKE, HENRY .. .. .	{ 9 Queen's Gate, Chorley New Rd., Bolton.
1909.	CLARKE, JAMES THOMAS .. ..	{ 3 York Street, Manchester.
1911.	CLARKE, JOHN EDWARD .. ..	{ Merton Avenue, St. Lambert, Quebec, Canada.
1906.	CLARKE, THOMAS .. .. .	{ Works Manager, Messrs. Isaac Andrews & Sons, Belfast Mills, Belfast.
1905.	CLARKSON, SYDNEY SAMUEL ..	{ 4 Whitworth Terrace, Wilmslow Road, Rusholme, Manchester.
1908.	CLARKSON, WILLIAM ALAN ..	{ Sub-Inspeccion de Faros, Punta Arenas, Magallanes, Chile.
1895.	{ CLATWORTHY, WALTER AN- GOVE .. .. .	{ 40 Sanderson Rd., Newcastle-on- Tyne.
1904.	CLAXTON, HAROLD .. .. .	{ P.W.D., Khartoum, Sudan, Egypt.
1908.	CLAYDEN, HAROLD WILLIAM	{ General Mining and Finance Corpn., P.O. Box 1242, Johannes- burg, Transvaal.
1905.	{ CLAYTON, CHARLES HENRY JAMES .. .. .	{ Board of Agriculture and Fisheries, 3 St. James' Sq., Pall Mall, S.W.
1902.	CLAYTON, MELVILLE GRAHAM	{ F. E. Adams Pressure Tool Co., Beaufort Road, Birkenhead. [Pressure, Birkenhead. 289.]
1914.	CLAYTON, THOMAS .. .. .	{ Rio Tinto, Los Talleres, Huelva, Spain.
1904.	CLEGG, ROBERT INGHAM ..	{ 410 Caxton Bldg., Cleveland, Ohio, U.S.
1910.	CLEGG, THOMPSON .. .. .	{ Messrs. A. Guinness, Son & Co., St. James' Gate Brewery, Dublin.
1908.	{ CLEGHORNE, WILLIAM SHAW HAMILTON .. .. .	{ Experimental Farm, Potchefstroom, Transvaal.
1905. G. } 1911. A.M. }	CLENCH, EDWARD CLAUDE	{ Aster Engineering Co., Wembley, S.O., Middlesex.
1892. G. } 1901. A.M. }	CLEVERLY, WILLIAM BAR- THOLOMEW .. .. .	{ Stourbridge Water Works, Coal- bourne Brook, Stourbridge.
1901. G. } 1906. A.M. }	CLIFF, THOMAS PERCY BARLOW	{ Casilla 244, Valparaiso, Chile.
1913.	CLIFFE, WALTON .. .. .	{ Technical Institute, Cleckheaton.
1901.	CLIFTON, WILLIAM GEORGE ..	{ Messrs. Defries Ltd., Antelope Foundry, Deptford, S.E.
1911.	CLUNAS, JAMES WILSON STUART	{ Station Supt., Corpn. Electric Works, Dock Road, Cape Town, Cape Colony.
1907. G. } 1915. A.M. }	CLUTTERBUCK, HERBERT CHARLES .. .. .	{ Royal Engineers, Lumps Fort, Eastney, Portsmouth.
1905.	COATES, ALBERT FREDERICK ..	{ Engineer's Dept., Imperial Tobacco Co., Bristol.
1912.	COATES, JOHN .. .. .	{ 182 Hyndland Road, Glasgow.
1898.	COBBOLD, ARTHUR WESTHOP	{ 31 St. John's Park Mansions, Pem- berton Gdns., Upper Holloway, N.
1906.	COCHRANE, JAMES .. .. .	{ Engineer's Office, Docks, Cape Town, Cape Colony.
1911.	COCK, BEN .. .. .	{ Works Manager, Messrs. Holman Brothers, Camborne.

Date of Election.			
1909.		COCKBURN, GEORGE WILFRID	Changsha, China.
1912.		COCKCROFT, ERNEST EGBERT	{ British Westinghouse Co., Trafford Park, Manchester.
1912.		CODLING, JOHN HENRY .. ..	{ Engineer's Office, Bradford Corpn. Sewage Works, Esholt Hall, N. Shipley.
1910.		COLBOURNE, JAMES, JUN. .. ..	{ 591 Bergen St., Brooklyn, N.Y., U.S.
1901.		COLBOURNE, THOMAS SALMON	Alexandra Foundry, Barnstaple.
1914.		COLE, ARTHUR WILLIAM JOHN	{ Messrs. Bowes Scott and Western, Broadway Chambers, Westminster, S.W.
1910.		COLE, CHARLES ERIC .. ..	{ Woodland Cottage, Chelsfield, Orpington, Kent.
1907. G. } 1913. A.M. }		COLE, DONALD BRAITHWAITE	{ 1 Blessington Road, Blackheath, S.E.
1911.		COLE, HUGH .. .. .	{ Messrs. Nicoll and Son, 1, 3 and 5 Ward Road, Dundee.
1906.		COLE, JAMES MATTHEW .. ..	{ Messrs. G. Hopkins & Sons (Clerkenwell) Ltd., 52 Holloway Rd., N.
1905.		COLE, WILLIAM LAWES .. ..	{ Messrs. W. & L. Cole, Lawton Rd., Mile End, E.
1904.		COLERIDGE, HENRY HILL .. ..	{ 9 Woodley Street, Kimberley, S. Africa.
1908.		COLEY, ERNEST .. .. .	{ Messrs. Royce, Ltd., Trafford Park, Manchester.
1909.		COLLEDGE, ALEXANDER .. ..	{ Messrs. McAlister & Co., Ipoh, Federated Malay States.
1914.		COLLIER, JOHN FRED .. ..	{ c/o M. H. Watts, Catherine St. Engineering Works, Macclesfield, Salford Corpn. Generating Station,
1910.		COLLINGE, JOHN .. .. .	{ Frederick Rd., Pendleton, Manchester.
1912.		COLLINGHAM, EDWIN BASIL ..	{ Messrs. Collingham and Owen, Humber Road Works, Beeston, Nottingham.
1910.		{ COLLINGRIDGE, WILLIAM BYRNE .. .. .	{ Manager, Les Forges et Fonderies de Maurice, Rose Belle, Mauritius.
1907.		COLLINGWOOD, ALFRED .. ..	{ Westminster Electric Supply Corpn., Eccleston Place, Eccleston St., Belgravia, S.W.
1907. G. } 1911. A.M. }		COLLINS, CLAUDE AUGUSTUS ..	{ 4 Mayfair Gdns., The Avenue, Loughton, Essex.
1911.		COLLINSON, ALFRED ERNEST ..	{ Messrs. A. A. Jones, Pollard and Shipman, New Century Works, East Park Rd., Leicester.
1910.		COLLINSON, FRANCIS EDWARD	{ Box 256, Transcona, Manitoba, Canada.
1902.		COLLYER, PERCY NICHOLSON	{ Messrs. Albright & Wilson, Oldbury, Birmingham.
1909.		COLSON, JOHN ST. CLAIR .. ..	{ The Piccadilly Hotel, Regent St., W.
1903.		COLTMAN, WALTER WILLIAM	{ Central Boiler Wks., Loughborough. [Boilers, Loughborough. 51.]
1896.		COMERFORD, EDWARD .. ..	{ Ardavon, Rathdrum, Co. Wicklow.
1895. G. } 1897. A.M. }		CONNELL, WILLIAM PERCIVAL	29 Sheep St., Devizes.
1906.		CONRADI, CHARLES GUTHRIE	Loco. Dept., Mid. Rly., Derby.

Date of Election.

1913.	{	CONSTANTINE, WILLIAM WIND- LEY .. .. .	{	Messrs. D. Napier & Sons, Acton Vale, W. 40 Waterloo Road, Dublin.
1912.		CONYNGHAM, ERNEST KNOX	{	General Manager, Messrs. James Walker & Co., Lion Works, Gar- ford St., Poplar, E.
1908.		COOK, GEORGE HENRY .. ..	{	Cook's Motor Engineering Works, Brighton Rd., Horsham.
1908.		COOK, HERBERT MAURICE ..	{	Messrs. Brunner, Mond & Co., Northwich.
1903. G.)	{	COOK, JOHN .. .. .	{	17 University Rd., Bootle, Liverpool.
1906. A.M.)		COOK, SYDNEY HERBERT .. ..		Trereife, 28 Park Rd., Rugby.
1903.		COOKE, FREDERICK WILLIAM	{	H.M.S. "Cornwallis," c/o Post- master General, E.C.
1900. G.)	{	COOKE, Eng. Lieut. STANLEY	{	North St., Downend, Bristol.
1906. A.M.)		WALTER, R.N. .. .. .		Dock Engineer's Dept., North Eastern Railway, Dock Office, Hull.
1905.		COOKSLEY, ALFRED .. .. .	{	Leamington, Brookwood Rd., Farnborough Park, Hants.
1912.	{	COOKSON, FREDERICK RAN- DOLPH CECIL .. .. .	{	Manager, Messrs. Harding, Market St., Torquay.
1914.		COOLING, JOHN WILLIAM ..	{	Chief Res. Eng., G. W. of Brazil Rly., Pernambuco, Brazil.
1903.		COOMBS, THOMAS .. .. .	{	Manila Rly. Co., Manila, Philippine Islands.
1906. G.)	{	COOPER, ALBERT GEORGE	{	Inspecting Eng., London Fire Brigade, Southwark Bridge Rd., S.E.
1910. A.M.)		WARNER INERD .. .. .		Office of the Lighthouse Engineer, Docks, Cape Town, Cape Colony.
1904.		COOPER, ARTHUR .. .. .	{	Dist. Electrical Engineer's Office, G.C. Rly., Immingham, Grimsby.
1906.	{	COOPER, EDWARD STAPLE FOXEN .. .. .	{	Karwar, Kanara District, India.
1907.		COOPER, HARRY CLAUDE ..	{	Galena Signal Oil Co., Calle 25 de Mayo 158, Buenos Aires, Arg. Rep.
1910. G.)	{	COOPER, JOHN LOWRY HONE	{	British Engine, Boiler and Elec- trical Insurance Co., 12 King St., Manchester.
1914. A.M.)		COOPER, JOSEPH ALBERT WILLIAM .. .. .		Chief Eng., Blackman Export Co., Blackman House, 374 Euston Rd., N.W.
1905.		COOPER, VERNON .. .. .	{	782 Romford Road, Manor Park, E.
1901.		COOPER, WILLIAM JAMES ..	{	Metropolitan Rly., Neasden Works, Neasden, N.W.
1908. G.)	{	COPPING, GILBERT LLOYD ..	{	15 Victoria St., Westminster, S.W. [Correlate, London. Gerrard 3400.]
1912. A.M.)		COPSEY, WILLIAM ALBON BECK- WITH .. .. .		Metrop. Board of Water Supply & Sewerage, 341 Pitt St., Sydney, N.S.W.
1911.		CORNS, SAMUEL WILLIAM ..	{	Dist. Loco. Supt., Rajputana-Malwa Rly., Mhow, C.P., India.
1899.		CORRIE, JOHN BRADFORD ..	{	Mining and District Technical College, Wigan.
1903.		COSTER, WILLIAM WALLACE ..	{	Finsbury Pavement House, E.C.
1904. G.)	{	COTESWORTH, CUTHBERT GIL-	{	The Technical College, Sunder- land.
1909. A.M.)		FILLAN .. .. .		
1902.		COTSWORTH, HALDANE GWILT		
1901.		COUCH, RICHARD ERNEST ..		
1902.		COUESLANT, LEOPOLD DANIEL		

Date of Election.

1902.	COULSON, HORACE ERNEST ..	{ Centl. Ldn. Rly., Electric Rly. House, Broadway, Westminster, S.W.; and 238 Wandsworth Bridge Rd., Fulham, S.W.
1908.	{ COULSON, RICHARD HEDLEY ARCHER .. .. .	{ Sir B. Samuelson & Co., Newport Iron Works, Middlesbrough.
1904.	COULTON, IVOR BERTIE .. ..	{ Fabrica Colon, Entre Rios, Arg. Rep. Budla Beta Tea Estate, Doom
1913.	COURT, NORMAN .. .. .	{ Dooma P.O., Assam, India.
1905.	COUTTS, DAVID ALEXANDER ..	{ 94 Queen's Road, Aberdeen.
1913.	{ COVE, ERNEST EDWARD ALFRED .. .. .	{ Govt. School of Handicrafts, Nagpur, C.P., India.
1894.	COVENTRY, THEODORE .. ..	{ Gresley Iron Works, Ordsal Lane, Salford, Manchester. [ <i>Gresley, Manchester.</i> 564.]
1900. G. } 1903. A.M. }	COWCHER, GEORGE .. .. .	{ Cromer, Tuffley Avenue, Gloucester.
1909.	COWELL, RICHARD ARTHUR ..	{ British Westinghouse Co., Trafford Park, Manchester.
1906. G. } 1910. A.M. }	COWIE, JOHN ROBERT .. ..	{ 3 Midlothian Drive, Shawlands, Glasgow.
1914.	COWLEY, HERBERT WILLIAM	{ Managing Director, Messrs. H. W. Cowley & Co., Bella St. Iron Works, Daubhill, Bolton.
1905.	COWLRICK, FRANCIS GERMAN	{ Messrs. Babcock & Wilcox, Apartado 379, Madrid, Spain.
1904.	{ COX, KENNETH ROBERT WILLIAM .. .. .	{ British Westinghouse Co., Trafford Park, Manchester.
1902. G. } 1905. A.M. }	{ COX, LIONEL MAIDSTONE RUSSELL .. .. .	{ 13 Whithall Road, Rugby.
1907.	COX, MARTIN .. .. .	{ c/o Baron L. Knoop, Machinery Dept., Ilinsky Vorota, Moscow, Russia.
1910.	COX, REGINALD CHARLES ..	{ 86 Kenilworth Avenue, Wimbledon, S.W.
1913.	COX, WILLIAM TOM .. ..	{ Dist. Eng., Govt. Factory, P.W.D., Colombo, Ceylon.
1910.	COYLE, JOSEPH WESTON ..	{ Farringford, Capel Road, East Barnet, Herts.
1911.	CRABB, THOMAS .. .. .	{ c/o Messrs. Octavius Steel and Co., 14 Old Court House St., Calcutta.
1912.	CRABTREE, WILFRID SMART ..	{ 41 Lavington Rd., West Ealing, W.
1912.	CRAGG, WILLIAM OLIVER ..	{ Chief Eng., British Xylonite Co., Brantham, Manningtree.
1912.	CRAIG, ROBERT GORDON ..	{ Linde British Refrigeration Co., 138 Balliaghatta Rd., Calcutta, India.
1912.	CRAIG, WESLEY .. .. .	{ Manchester Ship Canal Co., 41 Spring Gardens, Manchester.
1905. G. } 1910. A.M. }	{ CRANSWICK, CHARLES TENNYSON .. .. .	{ Messrs. Marshall, Sons & Co., Bezwada, Madras Pres., India.
1914.	CRATES, WILLIAM HENRY ..	{ Managing Eng., Eastern Counties Farmers' Assocn., 86 Princes St., Ipswich.
1911.	CRAVEN, ARTHUR DOUGLAS ..	{ Leeds Forge Co., Leeds.
1914.	CRAVEN, GEORGE FREDERICK	{ General Manager, Corporation Tramways, Mill Lane, Reading.

## Date of Election.

1905.	{ CRAVEN, JOHN ERNEST HOLDS-	{ Messrs. Rudman, Lancey & Craven,
	WORTH .. .. .	St. James' Works, Taunton.
1908.	CRAWFORD, JAMES FORRESTER	37 Castlebar Rd., Ealing, W.
1909.	{ CREAGH, EDWARD ROBERTS	{ 11 Sharia el Nasria, Saida Zenab,
	ANDREW .. .. .	Cairo, Egypt.
1907.	CREASY, HAROLD THOMAS ..	{ Public Works Dept., Colombo,
		Ceylon.
1910.	CREER, ALFRED DOUGLAS ..	P.O. Box 174, Vancouver, B.C.
1911.	CREFFIELD, THOMAS ROWLAND	2 Perry Rise, Forest Hill, S.E.
1904.	CREIGHTON, HENRY .. ..	{ 17 Ashville Grove, Cardigan Rd.,
		Leeds.
1904.	CREW, MALCOLM HILLIER ..	{ Ingleside, Malvern Wells, Mal-
		vern.
1913.	CRICHTON, JOHN ARTHUR ..	{ Messrs. J. H. Biles & Co., Broadway
		Chambers, Westminster, S.W.
1908.	CRIDLAN, JOHN LIONEL .. ..	{ Burvale, Rickmansworth Road,
		Watford.
1909.	CRIGGAL, JOHN EDWARD ..	{ 16 Cavendish Rd., New Brighton,
		Birkenhead.
1907.	CROASDELL, JAMES FREDERICK	66 Heavitree Road, Plumstead.
1901.	G. } CROFT, FRANK .. .. .	{ Great Northern Works, Leeds Rd.,
1904.		
1913.	CROMPTON, WALTER ERNEST	{ 77 Windsor Terrace, Gosforth,
		Newcastle-on-Tyne.
1912.	CRONK, NORMAN TYLEE .. ..	{ Northern Electric Manufacturing
		Co., 814 Notre Dame Street
		West, Montreal, Canada.
1914.	CROOK, HERBERT CHARLES ..	{ Ashmere, Obelisk Rd., Woolston,
		Southampton.
1908.	CROOKES, JAMES HARDIE ..	{ Messrs. Crookes, Roberts & Co.,
		Argus Works, Sheffield.
1905.	CROSIER, EDWARD JAMES ..	{ 2 Collingwood St., Newcastle-on-
		Tyne; and East Boldon, by
		Newcastle-on-Tyne.
1905.	CROSS, EDWARD .. .. .	{ Boro' Electrical Eng., Electricity
		Works, Rawmarsh Rd., Rother-
		ham.
1905.	{ CROSS, REGINALD THOMAS	{ Dooloogram Tea Co., Dooloogram
	GREEN .. .. .	P.O., Cachar, India.
1904.	CROSSLEY, JOHN .. .. .	{ Ripley House, Frederick Road,
		Gravelly Hill, Birmingham.
1907.	{ CROSSMAN, JAMES EDDY	{ 17 Britannia Place, Plymouth.
	{ THISTLETON .. .. .	
1914.	CROSTHWAIT, JOHN LEES ..	{ Loco. Engr.'s Office, Midland G.
		W. Rly. of Ireland, Broadstone
		Station, Dublin.
1914.	CROW, ALEXANDER .. .. .	{ Works Mgr., Talleres V. y O.,
		Santos Lugares, F. C. B. A. P.,
		Buenos Aires, Arg. Rep.
1903.	CROWTHER, HARRY .. .. .	{ Res. Mech. Eng., Water Works,
		Pembury, Tunbridge Wells.
1911.	CROWTHER, LYONS JOHN ..	{ Supt., Corpn. Water Works, North-
		field, Birmingham.
1914.	{ CROWTHER, RICHARD HENRY	{ Chief Eng., Messrs. William Bliss
	JAMES .. .. .	& Son, Chipping Norton.
1902.	CRUDDAS, WILLIAM JOHN ..	{ Messrs. A. Goerz & Co., P.O. Box
		1156, Johannesburg, Transvaal.
1909.	CRUICKSHANK, ANDREW .. ..	{ Central Technical College, Exhibi-
		tion Road, S.W.

Date of Election.

1910.	{ CRUICKSHANK, FRED GEORGE WHYTE .. .. . }	Messrs. Henry Simon, 124 Calle Defensa 148, Buenos Aires, Arg. Rep.
1899. G.)	CRUICKSHANK, GEORGE SEY- MOUR .. .. . }	Messrs. Arnhold Karberg & Co., Tientsin, China.
1900. A.M.)		
1909.	CULL, JOHN ERNEST LELLIOTT	Public Works Dept., Wellington, New Zealand.
1911.	CULLEN, JAMES .. .. .	Ramchand Hardeodass Cotton Spin- ning Mills, Hathras, U.P., India.
1907. G.)	CULLY, WILLIAM FREDERICK	Mechanical Engineering Dept., Royal Arsenal, Woolwich.
1913. A.M.)		
1901.	CUMMINS, REGINALD ERNEST	54 Leinster Sq., Bayswater, W.
1907. G.)	CUNLIFFE, WILLIAM WHITMORE	Messrs. Hughes and Lancaster, Ruabon.
1910. A.M.)		
1908.	CUNY, TERENCE .. .. .	Chief Engr's. Office, G.I.P. Rly., Victoria Terminus, Bombay.
1914.	CURRAN, EDWARD .. .. .	Messrs. Curran Brothers, 72 Bute St., Cardiff.
1911.	CURRY, MATTHEW HAROLD ..	5 Kings Gardens, Hove, Brighton.
1903.	CURTIS, IVOR, R.N. .. .. .	Harscott, Westcombe Park Rd., Blackheath, S.E.
1895.	CUST, LEOPOLD .. .. .	Gas Traction Co., 22 Chancery Lane, E.C.; and Broome, Fleet, S.O., Hants.
1912.	CUTHBERT, FRED .. .. .	Compañia Primitiva de Gas de B.A., 1167 Calle Patricios, Buenos Aires, Arg. Rep.
1907.	CUTHBERT, HAROLD PARKER	Greville, Warwick Rd., Olton, Birmingham.
1908.	CUTTELL, JOHN HUBERT ..	P.O. Box 2154, North Vancouver, B.C.
1902.	DABELL, ALEXANDER FRANK	c/o B.O.R.N., Baku, South Russia.
1908.	{ DADABHOY, HORMASJEE RAT- ANSHAW .. .. . }	Cumballa Hill, Bombay.
1913.	DADSWELL, JOHN .. .. .	Managing Director, Fosters East Grinstead, Ltd., 24 Chequer Rd., East Grinstead.
1905.	DALBY, WILLIAM ERNEST ..	Loco. Dept., G.N. Rly., Ardsley, Wakefield.
1910.	DALE, JOHN .. .. .	Rasidpur P.O., A. B. Rly., India.
1912.	DALE, JOHN STANLEY .. ..	Grimshaw Street Foundry, Preston.
1909.	DALE, ROBERT DAVIDSON ..	Cornwall Bldgs., 45 Newhall St., Birmingham.
1914.	DALL, HAROLD DAVID .. ..	Messrs. Willans and Robinson, Victoria Works, Rugby.
1910.	DALZELL, HAROLD EDWARD ..	Chief Mech. and Electrical Eng., Ferro Carriles del Sur, Arequipa, Peru.
1912.	{ DAMANT, ALFRED CHARLES CLAUDE .. .. . }	Loco. Works, Great Eastern Rly., Stratford, E.
1910.	DANIEL, JOHN .. .. .	Mount Pleasant Rd., Camborne.



Date of Election.			
1904.		DANIEL, WILLIAM HENRY ..	Medway Steel Co., Rochester.
1907. G.}		DANIELS, WILFRID .. ..	{ 65 Kenilworth Avenue, Wimbledon Park, S.W.
1912. A.M.}			
1903.		DARBY, ARTHUR ERNEST ..	{ Borough Eng., Town Hall, Cam- bridge Rd., Bethnal Green, N.E.
1914.		DARK, DANIEL EDWARD ..	{ 8 Empress Parade, South Ching- ford, Essex.
1900.		DARKER, ALFRED HENRY ..	{ Messrs. J. Stone & Co., Dept- ford, S.E.
1908.		DARLING, HENRY .. ..	Guildhall, Oswestry.
1904.		DAVENPORT, JOHN ALFRED ..	13 Harrington St., Liverpool.
1909.		DAVID, GEORGE CARMICHAEL	43 Albany Terrace, Dundee.
1898. G.}		DAVIDSON, JOHN .. ..	{ Messrs. Browett, Lindley & Co., Patricroft, Manchester; and Westleigh, Devonshire Road, Pendleton, Manchester.
1901. A.M.}			
1909.		DAVIDSON, ROBERT RAMSAY ..	{ Anglo-Persian Oil Co., Mohamme- rah, Persian Gulf.
1903.		DAVIE, JAMES PATERSON ..	{ 514 Dialstone Lane, Stepping Hill, Stockport.
1912.		DAVIES, BERTIE TREVOR ..	87 Middleton Place, Loughborough.
1903. G.}		DAVIES, CYRIL ERNEST ..	{ Terrona, Manchester Rd., Wilms- low, Manchester.
1907. A.M.}			
1913.		DAVIES, FRANCIS DAVID ..	{ Usina Brazileiro, Atalaia, Maceió, Brazil.
1901.		DAVIES, FRANCIS EDWARD ..	{ 60 Schubert Rd., Oakhill Rd., East Putney, S.W.
1912.		DAVIES, JAMES SAMUEL ..	{ 8 Hillside Terrace, Gelli, Pentre, Rhondda, Glam.
1905. G.}		DAVIES, JOHN ERNEST ..	{ St. John del Rey Mining Co., Morro Velho, Villa Nova de Lima, Minas, Brazil.
1911. A.M.}			
1913.		DAVIES, VICTOR CHARLES ..	{ South Western Polytechnic, Man- resa Rd., Chelsea, S.W.
1904.		DAVIES, WILLIAM DAVID ..	{ Castle Mills, Strand, Swansea. [Central 570.]
1903.		{ DAVIS, CHARLES RICHARD	{ Messrs. Reunert & Lenz, P.O. Box 92, Johannesburg, Transvaal.
		STANLEY .. ..	
1903. G.}		DAVIS, FRANK .. ..	{ Locomotoras, Pergamino, F.C.B.A. & R., Argentine Republic.
1909. A.M.}			
1899. G.}		DAVIS, HARRY CHARLES ..	{ Molassine Co., Tunnel Avenue, East Greenwich, S.E.
1900. A.M.}			
1908.		DAVIS, THOMAS JESSOP ..	{ St. John's Iron Works, Ennis- corthy.
1909.		DAVISON, ERNEST GRAY ..	Waveney Drive, Lowestoft.
1901. G.}		DAVSON, CYRIL WERE ..	{ 42 Lansdowne Crescent, Notting Hill, W.
1909. A.M.}			
1914.		DAVY, COLIN .. ..	{ Messrs. P. R. Jackson & Co., Sal- ford Rolling Mills, Manchester.
1907. G.}		DAVY, EDWARD VINICOMBE ..	37A Anerley Park, Anerley, S.E.
1912. A.M.}			
1902.		DAWBARN, REGINALD PROCTOR	{ The Union Club, Mendoza, Argen- tine Republic.
1906.		DAWE, PHILIP HENRY ..	{ Northwood, Wisborough Green, Billinghurst, Sussex.
1910.		DAWSON, HENRY DE BROCA ..	4 Den Crescent, Teignmouth.
1901.		DAWSON, HENRY WATSON ..	{ Parr's Bank Bldgs., 3 York St., Manchester. [Axiom, Manchester. City 3984.]

Date of Election.

1910.	DAWSON, RALPH CURREY ..	{c/o Messrs. Jessop & Co., The Club, Delhi, India.
1911.	{DAWSON, SAMUEL HORACE	{Messrs. Ruston, Proctor and Co., Sheaf Iron Works, Lincoln.
1913.	WRIGHT .. .. .	{Daimler Motor Co., Coventry.
1913.	DAWSON, THOMAS .. .. .	{Director of Studies, Science Art and Technical Schools, Guildhall, Bath.
1890. A. } 1893. A.M. }	DAY, ARTHUR GODFREY .. ..	{Messrs. R. Waygood & Co., Falmouth Rd., Great Dover St., S.E.
1913.	DAY, CHARLES HERBERT JOHN	{Messrs. Dick, Kerr & Co., Abchurch Yard, Cannon St., E.C.; and 4 College Rd., Isleworth.
1899.	DAY, CLAUD ALBERT STANTON	{Cie. des Mines de la Falame, <i>vid</i> Dakar & Kayes, West Africa.
1913.	DAY, FRANK DUVAL .. .. .	{Chief Eng., Corpn. Electricity Works, Bury St. Edmund's.
1913.	DAY, SYDNEY EDMUND .. ..	{Green Lawn, Kylemore Rd., Oxtou, Birkenhead.
1903.	DEAKIN, GEORGE WELSBY ..	{St. Maur, St. Georges Avenue, Warblington, Havant.
1899. G. } 1901. A.M. }	DEAN, GEORGE .. .. .	{18 Brook Street, Whitley Bay, Northumberland.
1911.	{DEANE, GERALD IREDALE	{26 King's Avenue, Ealing, W.
1909. G. } 1912. A.M. }	DEANE, RICHARD HILL ASPERNE	{9, Brayburne Avenue, Clapham, S.W.
1913.	DEARDEN, WILLIAM HENRY ..	{Car and General Insurance Corp., 1 Princess St., Albert Sq., Manchester.
1913.	DEEPROSE, HENRY .. .. .	{Nundhydroog Co., Oorgaum, Mysore State, India.
1909.	DEER, GRAHAM GEORGE ..	{The Beeches, Ladywood Road, Edgbaston, Birmingham.
1913.	DEERING, PHILIP STUART ..	{Messrs. Fraser & Chalmers, Erith, Kent.
1912.	DE GRUCHY, WILLIAM ARTHUR	{32 All Saints Road, Peterborough.
1905.	{DELL, FRANCIS ALBERT	{Genl. Manager, Messrs. W. T. Ellison & Co., Irlams-o'-th'-Height, Manchester.
1904.	{DELUCE, SAMUEL ALFRED	{26 Newton Rd., Bayswater, W.
1901. G. } 1903. A.M. }	NELSON .. .. .	{Anglo-French Exploration Co., 208-224 Salisbury House, Finsbury, E.C.
1911.	DENNIS, GEORGE STANLEY ..	{Chief Eng., The Gramophone Co. Hayes, Middlesex.
1914.	DENNISON, WILBURN NORRIS	{Works Manager, Herbert Engineering Co., Englefield Works, Englefield Rd., Islington, N.
1914.	DENNISS, ALFRED JOSEPH ..	{Victoria Coal and Coke Co., Southgate House, Wakefield.
1904.	DERBYSHIRE, JOHN .. .. .	{British Insulated and Helsby Cables, Lennox House, Norfolk St., W.C.
1906.	DEVVEY, ARTHUR CHARLES ..	{Ocean Accident and Guarantee Corp., 36-44 Moorgate St., E.C.
1899.	DE VILLE, MARTIN .. .. .	{100 Rusthall Avenue, Chiswick, W.
1907.	DEW, JAMES WALTER HENRY	

## Date of Election.

1904.	DEW, JOSEPH TURNER .. ..	St. John's, Antigua, West Indies.
1903.	DEWHIRST, JAMES .. ..	{ Eng. and Surveyor, Rural Dist. Council Offices, Waterloo Lane, Chelmsford.
1903.	DEWS, JAMES WALTER .. ..	{ Munic. Technical College, Brad- ford.
1901.	DICKINSON, HENRY WINBAM ..	{ The Science Museum, South Ken- sington, S.W.
1912.	DICKINSON, HERBERT .. ..	{ Messrs. Thomas Broadbent and Sons, Central Iron Works, Huddersfield.
1912.	{ DICKSON, ERNEST HOLMES LLEWELYN .. .. ..	{ Corpn. Electricity Works, Freder- ick Rd., Salford, Manchester.
1912.	DICKSON, ROBERT COCHRAN	{ Messrs. Harrisons & Crossfield, Medan, Deli, Sumatra.
1913.	{ DIDDEN, FRANCIS GEORGE JOHN .. .. ..	{ 227 Burrage Rd., Plumstead, S.E.
1912.	DIGBY, CLIFFORD .. ..	{ British Westinghouse Co., Trafford Park, Manchester.
1901.	DIGBY, WILLIAM POLLARD ..	{ 48 Westminster Palace Gdns., Vic- toria St., Westminster, S.W.
1905.	DIMMACK, ARTHUR .. ..	{ Eng., Boro' Electricity Works, Swindon.
1911.	DIVECHA, TOOLJARAM MOOLJI	{ Supt. Eng., Aryodaya Spinning and Weaving Mills, Asarva, Ahmedabad, India.
1910.	DIXON, HENRY ALEXANDER ..	{ Public Works Branch, Dept. of Home Affairs, Melbourne, Vic- toria.
1902.	DIXON, JOHN .. ..	{ 219 St. Vincent St., Glasgow.
1910.	DIXON, JOHN DANIEL .. ..	{ Messrs. Siemens Bros. Dynamo Works, Caxton House, Tothill St., Westminster, S.W.
1912.	DIXON, RALPH CLAIBORNE ..	{ P.W.D., Tytam Tuk Water Scheme, Hong Kong, China.
1908.	DIXON, WILLIAM .. ..	{ City Engineer's Office, Municipal Bldgs., Leeds.
1898.	DOBBS, HERBERT TREADWIN ..	{ 225 Albany Road, Cardiff.
1904.	DOBSON, BENJAMIN PALIN ..	{ Kay Street Machine Works, Bolton. [Dobsons, Bolton. 43.]
1914.	DODDS, ALEXANDER FAIRBAIRN	{ Corporation Electricity Supply Dept., Edinburgh.
1911.	DODDS, WILLIAM MATHISON ..	{ Nova Scotia Estate, Teluk Anson, Lower Perak, F.M.S.
1899.	DODBRIDGE, FREDERICK .. ..	{ 5 Godolphin Terrace, Stoke, Devonport.
1904.	DON, JOHN .. ..	{ Gardenrose, Maybole.
1912.	DONALD, ANDREW .. ..	{ Electric Supply Corpn., Central Station, 26 Jheel Rd., Cossipore, Calcutta.
1913.	{ DONALDSON, ARCHIBALD WIL- LIAM .. .. ..	{ Messrs. Donaldson and Seabrook, Barking Engineering Works, Abbey Rd., Barking.
1902.	DONALDSON, JAMES .. ..	{ c/o Wm. Donaldson, General Delivery, Michel, B.C.
1906.	DONALDSON, JAMES ALEXANDER	{ Reconquista 268, Buenos Aires, Arg. Rep.
1912.	DONKIN, HERBERT JULYAN ..	{ Colombo Municipality, Colombo, Ceylon.

## Date of Election.

1898.	{	DONNE, FREDERICK EDWARD	} Loco. Dept., Mid. Rly., Nottingham.
		MOWBRAY .. .. .	
1912.		DONNELLY, JOHN .. .. .	{ Irrigation Department, Union Buildings, Pretoria, Transvaal.
1912.		DONNELLY, SAMUEL HOLT ..	{ Surveyor and Eng., Council Offices, 5 Bancroft, Hitchin.
1914.		DOUBBLE, THEODORE WILLIAM	{ 70 and 72 Chancery Lane, W.C.
1913.		DOUGILL, ALFRED WILLIAM ..	{ Wolseley Motors Ltd., Adderley Park, Birmingham.
1914.		DOUGLAS, ALFRED WILLIAM ..	{ 3 Garden Lea, Dalton-in-Furness, Lancs.
1891. G.}	}	DOUGLASS, ALFRED EDWARDS	{ South Staffs. Water Works, Paradise St., Birmingham.
1895. A.M.}			
1907. G.}	}	DOUGLASS, PERCY CUTHBERT	{ 15 Victoria Street, Westminster, S.W.
1912. A.M.}			
1912.		DOVER, HENRY JAMES .. .. .	{ Vacuum Brake Co., 32 Queen Victoria Street, E.C.
1902. G.}	}	DOW, HAROLD PERCY .. .. .	{ 32 Fenchurch St., E.C. [ <i>Outcoming, London. London Wall 3904.</i> ]
1904. A.M.}			
1911.		DOWELL, HERBERT .. .. .	{ Bessbrook Spinning Co., Bessbrook, Co. Armagh.
1900. G.}	}	DOWN, PERCY BISSETT .. .. .	{ Messrs. Down & Johnston, Craven House, Kingsway, W.C.
1902. A.M.}			
1896.	{	DOWSON, ERASMUS CHARLES	} 45 Alvin Ave., Toronto, Ont., Canada.
		HEAD .. .. .	
1898.		DOWSON, ROBERT MANNING ..	{ Rand Club, Johannesburg, Transvaal.
1913.		DOYLE, THOMAS DAVIS .. .. .	{ Chief Mech. Engr.'s Office, Victorian Rlys., Spencer St., Melbourne, Victoria.
1908.	{	DRABBLE, HAROLD MONT-	} Eng. Supt., Lanadron Rubber Estates, Muar, <i>via</i> Singapore, Straits Settlements.
		GOMREY .. .. .	
1906.		DRAKE, ARTHUR PENRHYN ..	{ 5 Montgomery Street, Roath Park, Cardiff.
1901.		DRAYCOTT, GEORGE EDWIN ..	{ Borough Road Polytechnic, S.E.
1911.		DRAYSON, WALTER FRANCIS ..	{ Commercial & Marine Engine Co., Oak Works, Church Road, Hanwell, W.
1895. G.}	}	DRESSER, CHARLES .. .. .	{ Engineering Standards Committee, 28 Victoria St., S.W.
1900. A.M.}			
1908.		DREW, ERNEST HENRY .. .. .	{ Messrs. A. & T. Burt, Dunedin, N.Z.
1900.		DREWITT, WILLIAM HENRY ..	{ 80 Alexander Road, Acocks Green, Birmingham.
1911.		DRUMMOND, GEORGE .. .. .	{ Gula, Perak, Federated Malay States.
1911.		DRURY, GUY LYNDON .. .. .	{ North Eastern Rly., Walker Gate, Newcastle-on-Tyne.
1908.	{	DRURY, HARRY JAMES HUT-	} 4 Priorton Terrace, Swansea.
		CHISON .. .. .	
1904.	{	DRURY, HENRY WILLIAM	} Dist. Loco. Supt., G. E. Rly., Norwich.
		COLLINS .. .. .	
1909.		DRYBURGH, ALEXANDER PHILIP	{ Trussed Concrete Steel Co., Trafford Park, Manchester.
1896. G.}	}	DRYDEN, WILLIAM .. .. .	{ Grimshaw Street Foundry, Preston.
1902. A.M.}			
1908.		DU CANE, CHARLES GEORGE	{ 911 Rogers Bldg., Vancouver, B.C.
1906.		DUDIN, JOHN PERCY .. .. .	{ L.C.C. Electric Power Station, East Greenwich, S.E.

## Date of Election.

1903. G.}	DUFF, PHILIP JOHN .. ..	{ 18 Hambly Avenue, Kew Beach, Toronto, Ont., Canada.
1909. A.M.)		
1903.	DUKE, REGINALD FRANCIS .. ..	{ Ferry Wharf Works, Littlehampton. [ <i>Dando, Littlehampton. 6.</i> ]
1907.	DUMBELL, JAMES BURNS .. ..	{ Turner's Motor Manufacturing Co., Wulfruna Works, Lever St., Green Lane, Wolverhampton.
1913.	DUNBAR, JAMES .. ..	{ Box 216, Invercargill, New Zealand.
1903.	DUNKERTON, ERNEST CHARLES	{ 53 Grosvenor Place, Newcastle-on-Tyne.
1904.	DUNN, JAMES .. ..	{ Engineering Dept., Leeds Technical School, Cookridge St., Leeds.
1908.	DURNFORD, THOMAS JOY .. ..	{ Mech. Dept., Gt. Southern Rly., Casilla de Correio 109, Buenos Aires, Arg. Rep.
1908.	DUTTON, CHARLES HENRY .. ..	{ 14 Mulgrave Street, Limerick.
1906.	DUTTON, FRANK HENRY .. ..	{ Signal Supt., S. African Rlys., Johannesburg, Transvaal.
1907.	DUUS, JOHN HENRY .. ..	{ Union Trading Co., 38B Nakamachi, Kobe, Japan.
1909. G.}	Dwyer, David Anthony .. ..	{ British Saw Sharpening Machines Ltd., 79 Mark Lane, E.C.
1912. A.M.)		
1913.	DYER, WARREN STEPHENS .. ..	{ Messrs. Porter & Co., 13 Canton Road, Shanghai, China.
1903.	EADES, JOHN, Jun. .. ..	{ 11 Mansfield Chbrs., St. Ann's Sq., Manchester.
1912.	EARNSHAW, WILLIAM .. ..	{ 4 Watson Street, Wellington, New Zealand.
1901.	EASTLAKE, ARTHUR WILLIAM	{ Grosmont, 46 Palace Rd., Streatham Hill, S.W.
1910.	EASTON, ROBERT SCOTT .. ..	{ Messrs. Jessop & Co., Phoenix Iron Works, 93 Clive St., Calcutta.
1914.	ECKFORD, JAMES WAYTE .. ..	{ Messrs. Harland & Wolff, Engine Works, Belfast.
1908. G.}	EDEN, CHRISTOPHER GABRIEL	{ Edgemoor, Highfields, Northwood, Middx.
1914. A.M.)		
1907.	EDGCOMBE, WILLIAM EDWARD	{ Loco., Carr. and Wagon Supt., Barsi Light Rly., Kurduvadi, Deccan, India.
1903.	EDGE, THOMAS .. ..	{ Controller's Dept., Room 100, Old Bldg., Admiralty, Whitehall, S.W.
1900.	EDLESTON, ALFRED EDWARD ..	{ Mond Nickel Co., Clydach-on-Tawe, Glamorgan.
1893.	{ EDMONDSON, ALFRED RICHARD,	{ Ribble House, Bank Hall Lane,
	M.Sc. .. ..	Hale, Altrincham.
1904.	EDWARD, FRANK .. ..	{ 80 Cecile Park, Crouch End, N.
1914.	EDWARDS, FRANK BIRCHALL ..	{ 185 Cecil St., Whitworth Park, Manchester.
1896. G.}	EDWARDS, JAMES GEORGE	{ Principal, Municipal Technical School, Portadown.
1899. A.M.)		
	BENJAMIN .. ..	

## Date of Election.

1913.	EDWARDS, JAMES REGINALD ..	{ 8 Perry Mead, Polefield Hall, Bury Old Road, Prestwich, Manchester.
1900. G. } 1906. A.M. }	EDWARDS, JOHN .. .. .	{ Messrs. Hughes & Lancaster, 16 Victoria St., Westminster, S.W.
1912.	EDWARDS, THOMAS HAROLD ..	{ Works Manager, Yorkshire Engine Co., Meadow Hall Works, Shef- field.
1914.	EDWARDS, WILLIAM GEORGE	{ Messrs. Yeoward Bros., 24 James St., Liverpool.
1913.	EDWARDS, WILLIAM SYDNEY	Messrs. W. G. Bagnall, Stafford.
1912.	EDYE, JOHN DE GREET ..	{ 7 Fairfax Road, Bedford Park, W.
1913.	EIGENBERTZ, HENRY .. ..	{ Messrs. Felber, Jucker & Co., 29 Peter St., Manchester.
1906. G. } 1910. A.M. }	ELBORNE, EDWARD MITCHELL	{ Messrs. Willans and Robinson, 213 Kerr Block, Regina, Sask., Canada.
1900.	ELLINGTON, GUY .. .. .	{ Kingshott, Fernhurst, Haslemere, Surrey.
1904. G. } 1907. A.M. }	ELLINGTON, NOEL BAYZAND ..	Hydraulic Engineering Co., Chester.
1914.	ELLIOTT, CYRIL .. .. .	Park View, Limerick.
1914.	ELLIOTT, GEORGE HERBERT ..	{ c/o George Helps, Helm Lamp and Engineering Co., Nuneaton.
1907.	ELLIS, HARRY STEPHENSON ..	{ Boro' Electrical Eng., Electric Supply Dept., South Shields.
1904.	ELLIS, JESSE, Jun. .. .. .	{ Messrs. Heatly & Gresham, 6 Waterloo St., Calcutta.
1911.	ELLIS, MARTYN IVOR WILLIAMS	{ Glasfryn, Ohwilog, Carnarvon- shire.
1912.	{ ELLIS, ROBERT BATTISCOMBE ASKQUITH .. .. .	{ Wolseley Tool and Motor Car Co., Adderley Park, Birmingham.
1905.	ELLISON, WILLIAM THOMAS ..	{ 172 Bolton Rd., Pendleton, Manchester.
1909.	ELTON, ERNEST FREDERICK ..	Town Custom House, Bombay.
1899. G. } 1902. A.M. }	EMBLETON, CHARLES ARNOLD	{ c/o George Cawley, 82 Victoria St., Westminster, S.W.
1913.	EMBLEY, ARTHUR STEPHEN ..	{ North Eastern Rly., Dock Engi- neer's Office, Hull.
1901. G. } 1905. A.M. }	EMERSON, WILLIAM ALEX- ANDER INGILBY .. .. .	{ Dist. Loco. Supt., Loco. Dept., G. N. Rly., Grantham.
1910.	EMPSON, ALFRED WALKER ..	{ La Compañía de Electricidad de Merida, Merida, Yucatan, Mexico.
1904. G. } 1912. A.M. }	ENGERT, FREDERICK PERCY ..	{ Messrs. J. Shores & Co. Ltd., Ow- ston Ferry, Doncaster. [ <i>Shores, Owston Ferry.</i> ]
1905.	ENGHOLM, ALEXANDER GOLDIE	104 Newhall St., Birmingham.
1904. G. } 1911. A.M. }	ENGHOLM, FRANK GOLDIE ..	{ Messrs. L. G. Mouchel & Partners, 108-9 Main Bldg., Toronto, Canada.
1905.	ENGLISH, ROBERT .. .. .	{ Eng., Christchurch Gas Co., Christ- church, New Zealand.
1909.	ERITH, CHARLES .. .. .	{ Erith's Engineering Co., 70 Grace- church Street, E.C.
1902.	ERMEN, GEORGE .. .. .	{ Wardry Works, 152-156 Chapel St. Salford, Manchester.
1902.	{ ESPEUT, REGINALD WILLIAM ARMIT .. .. .	{ Sierra Leone Rly., West Africa.
1908.	ESSEX, ERNEST HENRY .. ..	Town Hall, Leyton, E.

Date of Election.

1902.	ETCHELLS, ERNEST FIANDER	{ Building Act Office, L.C.C., Spring Gardens, S.W.
1914.	ETCHELLS, THOMAS WALTER	{ Works Manager, Sir James Farmer & Sons, Adelphi Iron Works, Salford, Manchester.
1907.	EVANS, FREDERICK EDWARD	{ 64 Lavender Vale, Wallington, Surrey.
1908.	EVANS, JAMES HUMPHREY ..	{ St. Cuthbert, Norton Rd., Wembley, S.O., Middlesex.
1905.	EVANS, WILLIAM .. .. .	{ Messrs. Harland & Wolff, Engine Works, Belfast.
1909. G.)	EVERETT, EDWIN JOHN EUS.)	{ 60 Adelaide Road, Brockley, S.E.
1912. A.M.)	TACE .. .. .	
1901. G.)	EVERETT, GEORGE ELIOT ..	
1904. A.M.)	EVERETT, GEORGE ELIOT ..	
1909.	EVERITT, HAROLD WILLIAM ..	{ c/o Messrs. King, King & Co., Box 110, Bombay, India.
1909.	EVETTS, WILLIAM, JUN. .. ..	{ Res. Electrical Eng., Urban District Council, Electricity Works, Clacton-on-Sea.
1901.	EVETTS, WILLIAM, JUN. .. ..	{ Schmidt's Superheating Co. (1910) Ltd., 28 Victoria St., Westminster, S.W.
1909.	EVILL, FREDERICK .. .. .	{ 51 Moorgate Street, E.C.
1902.	EXCELL, MAURICE STANLEY ..	{ 17 Carlisle Rd., Brondesbury, N.W.
1900. G.)	EVERETT, EDWIN JOHN EUS.)	{ E.I. Rly., Asansol, India.
1904. A.M.)	EYERS, CYRIL .. .. .	
1912.	{ FAIRBAIRN-CRAWFORD, IVO FRANK .. .. .	{ Sir W. G. Armstrong, Whitworth & Co., Elswick Works, Newcastle-on-Tyne.
1912.	FARBRIDGE, JOSEPH WILLIAM	{ Manager, Rising Sun Petroleum Co.'s Tank Installation, Noda-Mura, Hiogo Ken, Japan.
1904.	FARNHAM, WILLIAM AUGUSTUS	{ Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent.
1907.	{ FARQUHAR, ERNEST EDMOND JAMES .. .. .	{ 5 Sefton Park, St. Andrews, Bristol.
1913.	{ FARRER, ARTHUR WESTMOR- LAND .. .. .	{ 60 Castle Street, Liverpool.
1907.	{ FARRINGTON, CHARLES FRED- ERICK .. .. .	{ Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno.
1907.	FARWELL, GEORGE DOUGLAS	{ St. Mary's Cottage, Alderley Edge, Manchester.
1895.	FAWCETT, PERCY WILLIAM ..	{ Whirlow Brook, Parkhead, Sheffield.
1902. G.)	FAWKES, RUPERT EDWARD	{ Divl. Loco. Supt. (Southern Div.), S. Govt. Rly., Khartoum, Sudan, Egypt.
1905. A.M.)	FRANCIS .. .. .	
1906.	FAWNS, SYDNEY .. .. .	{ 71 Onslow Sq., S. Kensington, S.W.
1904.	FEARNLEY, GEORGE WILLIAM	{ Technical Institute, Shanman-Crawford St., Cork.
1904. G.)	FEENEY, CYRIL JOSEPH .. ..	{ 60 Queen Victoria Street, E.C.
1911. A.M.)	FEENEY, CYRIL JOSEPH .. ..	

Date of Election.

1903.	FELLOWS, THOMAS EDGAR ..	{ Munic. Eng. and Surveyor, Town Hall, Willenhall, Wolverhampton.
1913.	FELOY, JOSEPH PASCALL ..	{ 4 Willoughby Road, Hampstead, N.W.
1914.	FENDIAN, ARTHUR ANTRANIG	{ Managing Director, Yorkshire Engineering Co. (Egypt), Cairo, Egypt.
1907.	{ FENDICK, Eng. Lieut. WALTER ROBERT, R.N. .. .. . }	c/o The Admiralty, Whitehall, S.W.
1907. G. } 1911. A.M. }	FERGUSON, JOHN HENDERSON	7 Portland Place, Penrith.
1905.	{ FERGUSON, RODERICK MORRISON .. .. . }	{ 371 Hollins Rd., Hollinwood, Oldham.
1903.	FERNANDEZ, RAFAEL .. ..	{ Artes y Oficios 1151, Buenos Aires, Arg. Rep.
1913.	{ FEWSTER, EBENEZER DRYSDALE .. .. . }	{ Chief Mech. Eng., Ribble Navigation and Preston Docks Undertaking, Preston Docks, Preston.
1896. G. } 1900. A.M. }	FIEGEHEN, EDWARD GEORGE	Bedford Engineering Co., Bedford.
1913.	FIELD, EDWARD HUBERT ..	{ Messrs. L. Sterne and Co., 30 Norfolk St., Strand, W.C.
1912.	FINCH, RUPERT JAMES .. ..	44 Upper Tichborne St., Leicester.
1908.	FIRBANK, STANLEY .. .. .	{ Res. Eng., E. I. Rly., Aligarh, U. P., India.
1906. G. } 1911. A.M. }	FISH, JOHN WILLIAM BLAIR ..	{ Messrs. Jessop and Co., 93 Clive Street, Calcutta.
1910.	FISHER, JOHN .. .. .	{ Trafalgar, Henrietta St., Sydney, N.S.W.
1910.	{ FITCH, JOSHUA ROBERT MARKWELL .. .. . }	{ Lawford Iron Works, Manningtree, Essex.
1909.	FITZGERALD, STANLEY .. ..	{ Sturtevant Engineering Co., 147 Queen Victoria Street, E.C.
1904. G. } 1910. A.M. }	FITZGERALD, WILLIAM ALFRED	{ Malbrook Lodge, Malbrook Road, Putney, S.W.
1914.	FLATT, LESLIE NEEVE .. ..	East Indian Rly., Asansol, India.
1906.	FLEET, ERNEST FRANK .. ..	{ Signalling Engineer, N.E. Rly., York.
1911.	{ FLETCHER, ALBERT STEPHEN BALDWIN .. .. . }	{ 30 McLeod Road, Abbey Wood, Kent.
1904. G. } 1908. A.M. }	FLETCHER, DONALD CORBET	{ Loco. Dept., Great Northern Rly., Peter St., Manchester.
1908.	FLETCHER, SAVILE RUTTER	{ Messrs. Stephen Sellon & Partners, 36 Victoria St., Westminster, S.W.
1907.	FLINN, STEPHEN .. .. .	{ Urban Council Offices, High St., Grays, Essex.
1910.	FLOOD, WILLIAM HENRY ..	{ 36 Wake Road, Nether Edge, Sheffield.
1907.	FLOWER, CLEMENT JOHN ..	{ 121 Victoria Street, Westminster, S.W.
1907.	FOLEY, BERTRAM PHILIP ..	190 Deepdale Road, Preston.
1909.	FOLK, SAMUEL MARK .. ..	{ 152 Broadhurst Gardens, West Hampstead, N.W.
1911.	FORBES, GEORGE ROBERTSON	{ Manãos Tramway & Light Co., Manãos, Brazil.
1902.	FORGA, ALFRED .. .. .	{ Messrs. Alfred Forga & Co., Arequipa, Peru.



Date of Election.

1904.	FORSYTH, WILLIAM .. ..	{ Finca Herrera, Estacion Pantaleon, Guatemala.
1900. G. }	FORWARD, ERNEST ALFRED .. ..	{ The Science Museum, S. Kensington, S.W.
1902. A.M. }		
1903. G. }	FOSTER, EDGAR .. ..	{ North Shore Gas Co., North Shore, Sydney, N.S.W.
1905. A.M. }		
1895.	FOSTER, EDWARD HORNBY .. ..	{ Black Dike Spinning Mills, Queensbury, Bradford.
1902. G. }	FOSTER, ROBERT JOHN .. ..	{ Hadfield's Steel Foundry Co., East Hecla Works, Sheffield; and The Knowle, Moorgate, Rotherham.
1904. A.M. }		
1897. G. }	FOSTER, SYDNEY .. ..	{ Lancs. & Yorks. Rly., Fleetwood, R.S.O., Lancs.
1902. A.M. }		
1915.	FOTHERGILL, HARRY .. ..	{ 3 Central Buildings, Westminster, S.W.
1904.	{ FOTHERGILL, SAMUEL FOTHER-	{ Manager, Messrs. E. Reader & Sons, Cremorne St., Nottingham.
	GILL WATSON .. ..	
1910.	FOULDS, JOHN RHODES .. ..	{ 23 Charles Street, Bingley.
1907. G. }	FOWLER, CHARLES HENRY .. ..	{ 5 Park Square, Regent's Park, N.W.
1912. A.M. }		
1908.	FOWLER, HAROLD .. ..	{ Alston, Old Hall Road, Sale, Cheshire.
1914.	FOWLER, RONALD .. ..	{ Staveley Coal and Iron Co., Devonshire Works, Chesterfield.
1902. G. }	FOX, FRANCIS HENRY WRIGHT	{ Messrs. Sir Douglas Fox & Partners, Cross Keys House, 56 Moorgate St., E.C.
1906. A.M. }		
1893. G. }	FOX, FREDERICK JOSEPH .. ..	{ Messrs. Bryan Corcoran, Back Church Lane, Whitechapel, E.; and The Gardens, Leigh Hill, Leigh-on-Sea.
1899. A.M. }		
1914.	FOX, HARRY HEASELDEN .. ..	{ Hazel Dene, Moor Drive, Headingley, Leeds.
1912.	FOX, LEONARD MONRO .. ..	{ 268 South Lambeth Road, S.W.
1907.	FOX, SAMUEL ALEXANDER .. ..	{ Sturtevant Engineering Co., 147 Queen Victoria St., E.C.
1904.	FRADLEY, HERBERT THOMAS .. ..	{ Messrs. W. & H. M. Goulding, Dublin.
1902.	FRANCIS, ADOLPHUS SYDNEY .. ..	{ Eng., Gas and Water Dept., Town Hall, Clacton-on-Sea.
1905. G. }	FRANK, REGINALD ALEXANDER	{ High Hall, Kirby Moorside, Yorks.
1907. A.M. }		
1902. G. }	FRANKAU, GEORGE NEUBERG	{ Public Works Dept., Calabar, S. Nigeria.
1907. A.M. }		
1912.	FRASER, JOHN HILL .. ..	{ Trincomalee, Ceylon.
1904. G. }	FRASER, STAFFORD ROBERT	{ Traccion y Talleres, F. C. B. A. al Pacifico, Junin, Argentine Republic.
1911. A.M. }		
1898. G. }	FRASER, WILLIAM STUART .. ..	{ Loco. Supt., B. B. & C. I. Rly., Metre Gauge System, Ajmer, Rajputana, India.
1902. A.M. }		
1909.	FREEMAN, JOHN GARNEYS .. ..	{ Res. Engineer, London and St. Katherine's Docks, Wapping, E.
1899.	FREEMAN, WALTER WILLIAM	{ 102 Upper Chaplin Rd., Longton, Stoke-on-Trent.
1902.	FRENCH, FREDERICK CHARLES	{ Works Manager, Loco. Dept., Govt. Rlys., Colombo, Ceylon.
1911. G. }	FREW, DAVID BENNY .. ..	{ 66 Leamington Terrace, Edinburgh.
1914. A.M. }		

Date of Election.

1906.	FROST, GARDINER HENRY ..	{ 51 Sydney Road, Steel Bank, Sheffield.
1903.	FROST, HENRY MAURICE ..	{ c/o Messrs. Woodall & Duckham, Palace Chbrs., 9 Bridge St., Westminster, S.W.
1903.	FRYER, FREDERICK GEORGE ..	{ Messrs. Rowntree & Co., Cocoa Works, York.
1901. G. }	FRYER, JOHN EDWIN GEORGE	{ Messrs. Humphreys & Glasgow, 38 Victoria St., Westminster, S.W.
1903. A.M. }		
1895. G. }	FRYER, TOM JEFFERSON ..	{ Celtic Works, Savile St. East, Sheffield.
1901. A.M. }		
1907.	FULLER, ERNEST WILLIAM ..	{ Eng.-Manager, Harrogate Road Car Co., Harrogate.
1909.	FULLER, GEORGE EDWIN ..	{ Aroa, Puerto Cabello, Venezuela.
1912.	FURKERT, FREDERICK WILLIAM	{ Public Works, Wellington, New Zealand.
1904.	FURNESS, REGINALD LESTER ..	{ Messrs. Fraser & Chalmers, Bulawayo, Rhodesia.
1900.	{ FURNIVALL, WILLIAM HENRY GRAHAM .. .. . }	{ Fernkraal, 112 Muller St., Bellevue, Johannesburg, Transvaal.
1902.	GAHAGAN, ROLAND HAYES ..	{ Messrs. George Gahagan & Co., Byulla, Bombay.
1895. G. }	GALE, ROBERT HARRY ..	{ Nenelea, Thorpe Rd., Peterborough.
1899. A.M. }		
1911.	GALLOWAY, JOHN .. .. .	{ Manager, Calcutta Hydraulic Press Co., Cossipore, Calcutta.
1905.	GAMBLE, GEORGE MARTIN ..	{ 47 Birkby Crescent, Birkby, Huddersfield.
1905. G. }	GAMBLE, STUART ARTHUR ..	{ Loco. Dept., Great Central Rly., Gorton, Manchester.
1912. A.M. }		
1909.	{ GARDINER, GILBERT CHARLES WANKLYN .. .. . }	{ 3 Whitecross Rd., Weston-super-Mare.
1913.	GARDINER, JAMES .. .. .	{ Messrs. Richard Evans & Co., Haydock, St. Helens.
1903.	GARDNER, ALFRED CHARLES	{ Engineer's Office, Gt. Central Rly., Marylebone Stn., N.W.
1914.	{ GARNER, GEORGE ROBERT WITHEY .. .. . }	{ Bagdogra Tea Estate, Bagdogra P.O., Darjeeling, India.
1913.	GARNER, HAROLD CHARLES ..	{ 22 Ansdell St., Cheetham Hill, Manchester.
1910.	GARRATT, REGINALD JOSEPH ..	{ Chief Eng., Calitzdorp Irrigation Board, Calitzdorp, Cape Colony.
1896.	GARRETT, EASTON .. .. .	{ Calle Peru 321, Buenos Aires, Arg. Rep.
1890. G. }	GARRETT, FRANK, JUN. ..	{ Leiston Works, Leiston, R.S.O., Suffolk.
1897. A.M. }		
1902.	GARRETT, JOHN DUNNELL ..	{ 108 Buckingham Palace Road, S.W.
1911.	GARRETT, REGINALD SILLIFANT	{ Dist. Loco. Supt., B. B. and C. I. and R. M. Rlys., Bandikui, India.

Date of Election.

1898.	{	GARVEY, RICHARD GODFREY HAMILTON .. .. .	{	Commonwealth Oil Corpn., Equitable Bldgs., George St., Sydney, N.S.W.
1909.		GARVIE, DAVID .. .. .	{	Govt. Offices, Victoria Sq., Adelaide, S. Australia.
1901. G.) 1903. A.M.)		GASKELL, HOLBROOK, JUN. ..	{	Chief Eng.'s Office, United Alkali Co., Widnes.
1907.	{	GASPAR, GREGORY HUGH WALTER .. .. .	{	Messrs. Crompton & Co., 42 Deansgate, Manchester.
1909.		GASS, EDWARD MELLOR .. ..	{	Locomotive Department, Lancs. & Yorkshire Railway, Horwich, Lancs.
1912.		GAUNT, JOHN WAUGH .. ..	{	The Mint, Hyderabad, Deccan, India.
1904.		GAVEY, ARTHUR .. .. .	{	Chile Exploration Co., Calama, Chiquicamata, Antofagasta, Chile.
1913.		GAVIN, NORMAN ALEXANDER	{	Société Anonyme des Huileries du Congo Belge, Kinshasa, Belgian Congo.
1902.		GRACH, LEWIS CECIL .. ..	{	Locomotive Dept., Mid. Railway, Derby.
1905.		GEARING, HARRY CHARLES ..	{	Atlas Works, Cape Town, Cape Colony.
1908.		GEMMEL, JAMES WARWICK ..	{	Georgetown Water Works, Georgetown, Demerara, British Guiana.
1900.	{	GEORGE, JAMES MACNAUGHTEN .. .. .	{	Gourepore Co., Gourepore, Calcutta.
1906.		GEORGE, WILLIAM THOMAS ..	{	35 Shardeloes Rd., New Cross, S.E.
1906. G.) 1910. A.M.)		GIBB, NORMAN .. .. .	{	Chief Mech. Eng., Royal State Rlys., Bangkok, Siam.
1909.		GIBBONS, JOHN WILLIAM ..	{	Deputy Signal Supt., Egyptian State Railways, Cairo, Egypt.
1903. G.) 1907. A.M.)		GIBBONS, NORMAN BARRINGTON .. .. .	{	403 New Birks Building, Montreal, Canada.
1907.		GIBBS, ALECK ROBERT .. ..	{	103 Tierney Rd., Streatham Hill, S.W.
1911.		GIBBS, GEORGE HERBERT ..	{	Stynechale Avenue, Coventry.
1912.		GIBBS, JOHN EDWARD .. ..	{	Messrs. Gibbs & Co., Fawcett Street, York.
1904.		GIBSON, EDWARD MARRIOTT ..	{	Schlüsselburg Calico Printing Co., Schlüsselburg, Russia.
1909. G.) 1913. A.M.)		GIBSON, HARRY FREDERIC HIGGINS .. .. .	{	Chatham House, Machen, Newport, Mon.
1907.		GIBSON, WILLIAM .. .. .	{	United Engineers Ltd., Singapore, Straits Settlements.
1911.		GIBSON, WILLIAM EWART ..	{	65 Manor Road, Richmond, Surrey.
1913.		GILBERT, GEORGE .. .. .	{	15 Crescent Road, Luton.
1905.	{	GILCHRIST, JAMES ARCHIBALD ROBERTSON GLEN .. ..	{	Eng., Tientsin Water Works Co., Tientsin, China.
1914.		GILL, CHARLES ARNOLD .. ..	{	Municipal Offices, Peterborough.
1910.		GILL, FREDERICK JOHN ..	{	Wire Elm Lodge, 41 Munster Rd., Fulham, S.W.
1907.		GILL, HAROLD .. .. .	{	Merlimau Estate, Malacca, Straits Settlements.
1910.		GILL, JAMES FRANCIS .. ..	{	Scottish Provident Buildings, 25 Castle Street, Liverpool.
1908.		GILL, RICHARD DUNCAN ..	{	Market Place, Camborne.

Date of Election.

1913.	GILLETT, THOMAS .. .. .	Messrs. Gillett, Stephen & Co., Atlas Works, Bookham, Leather- head.
1909.	GIMSON, ARTHUR .. .. .	Eldon Street House, Eldon Street, E.C.
1904. G.) 1909. A.M.)	GIMSON, HAROLD .. .. .	Messrs. Gimson & Co. (Leicester), Engine Works, Vulcan Rd., Leicester.
1900.	GINDERS, ERNEST MARSH ..	45 Park Road, Walkden, Man- chester.
1911.	GIRLING, ARTHUR .. .. .	Messrs. Ransomes, Sims & Jefferies, Orwell Works, Ipswich.
1905.	GIRLING, HARRY MORTON ..	Retreat Club, Silchar, Cachar, India.
1902.	GLEDHILL, ARTHUR HENRY ..	Trinity Works, Halifax.
1907.	GLEN, DAVID .. .. .	Manager, Messrs. Brown & Polson, Paisley.
1907.	GLENDAY, CHARLES .. .. .	Associated Portland Cement Manu- facturers, Park House, Graves- end.
1913.	GLOVER, WILLIAM ALFRED ..	21 Park Road, Elland, Yorks.
1912.	GODDARD, HAROLD PERCY ..	6, Westbury Road, Woodside Park, North Finchley, N.
1909. G.) 1912. A.M.)	GODDARD, WILLIAM CORY ..	Gilfach Gôch Sewerage Works, Blackmill, Bridgend.
1896. G.) 1901. A.M.)	GODDARD, WILLIAM HERBERT	Casilla Correio 1047, Buenos Aires, Arg. Rep.
1897. G.) 1900. A.M.)	GODSON, EDWARD HAROLD ..	B. B. & C. I. Rly., R. M. Section, Ajmer, Rajputana, India. ( <i>De- ceased ? 1915.</i> )
1896.	GOFFE, EDWARD .. .. .	Rand Club, Johannesburg, Trans- vaal.
1902.	{GOLDARBEITER, JOSEPH LEO- NARD .. .. .	21 Nevsky, Petrograd, Russia.
1912.	GOLDER, JAMES .. .. .	6 Sundorne Road, Charlton, S.E.
1911.	GOLDIE, ALEXANDER .. .. .	Post Office, Kuala Kangear, Perak, F.M.S.
1902.	GOLDIE, ROBERT MURDOCH	Messrs. Riley, Hargreaves & Co., Singapore, Straits Settlements.
1898.	GOLDING, HENRY ALBERT ..	River View, 8 Maidstone Rd., Chatham.
1902.	GOLLEDGE, WILLIAM THOMAS	4 Dordrecht Mansions, Brook Green, Hammersmith, W.
1912.	GOODACRE, ERNEST JOHN ..	Rising Sun Petroleum Co., Yoko- hama, Japan.
1904.	{GOODACRE, WILLIAM GEOF- FREY .. .. .	2 Herbert Street, Stretford, Man- chester.
1898. G.) 1904. A.M.)	GOODBEHERE, ERIC .. .. .	Messrs. Brooks and Doxey, Man- chester.
1909.	{GOODCHILD, FRANK SIDNEY BOXALL .. .. .	The Lodge, Ramesbury Road, St. Albans.
1908.	{GOODCHILD, GEORGE WILLIAM PEPYS .. .. .	56-58 Eagle Street, Southampton Row, W.C.
1910.	GOODMAN, JOSEPH .. .. .	3 De Burgh Crescent, West Dray- ton, Middlesex.
1905.	GOODWIN, ROBERT .. .. .	Rua Pedro Nunes 29, Lisbon Portugal.
1907. G.) 1913. A.M.)	GOODYEAR, DICK CLAUDE ..	Engineer's Dept., South Essex Waterworks Co., Romford.

Date of Election.

1913.	GOOSEY, SYDNEY WILLIS ..	{ St. George's Iron Works, 42 St. George's Rd., Southwark, S.E.
1906.	{ GORDON, ERNEST ARTHUR HAMILTON .. .. .	{ L. C. C. Fire Brigade, Southwark, S.E.
1907.	{ GORDON, Eng. Lieut.-Commr. HENRY HUDSON, R.N. .. }	{ H.M.S. "Superb," c/o Postmaster General, E.C.
1898.	GORDON, JAMES .. .. .	{ 81-83 Knightrider St., E.C. [ <i>Gordolobo, London.</i> ]; and 74 West End Lane, W. Hampstead, N.W.
1897.	GORDON, JOHN WILTON .. ..	{ Messrs. John Gordon & Co., Dashwood House, 9 New Broad St., E.C.
1906. G.)	GORDON, VIVIAN .. .. .	{ Avonside Engine Works, Fishponds, Bristol.
1910. A.M.)		
1911.	GORDON, WILLIAM .. .. .	{ 3 Wellington Street, Edinburgh.
1912.	GOSFORD, ALBERT THOMAS ..	{ Messrs. Richardson and Cruddas, Byculla Iron Works, Bombay.
1910.	{ GOSTWYCK, HUMPHREY HAR- FORD GOSTWYCK .. .. .	{ Singapore Municipality, Singapore, Straits Settlements.
1913.	GOUDIE, HARRY JAMES .. ..	{ British Mannesmann Tube Co., Salisbury House, London Wall, E.C.
1907.	GOULD, HERBERT THOMAS ..	{ 15 Leicester Road, Croydon.
1897. G.)	GOULDING, BENJAMIN JOSEPH	{ Linotype and Machinery, Ltd., 188 Fleet St., E.C.
1901. A.M.)		
1899.	GOULSTONE, ERNEST EDWIN ..	{ 83 Cranbrook Road, Redland, Bristol.
1907.	GOW, JOHN BIGGART .. .. .	{ British Eng. Boiler & Electrical Insee. Co., 24 Fennel St., Manchester.
1909.	GOWER, CHARLES WILKINSON	{ Excelsior Engineering Works, Jamaica Road, S.E.
1905.	GOWER, WILLIAM EDWARD ..	{ Underfeed Stoker Co., Royal London Bldgs., 196 Deansgate, Manchester.
1910.	{ GRAEME, ALEXANDER WILLIAM SUTHERLAND .. .. .	{ Assist. Loco. Supt., G.N. of Scotland Rly., Kittybrewster, Aberdeen.
1912.	GRAHAM, ERNEST .. .. .	{ Great Western Rly., Caixa 114 Pernambuco, Brazil.
1907. G.)	GRAHAM, JACK CURTIS .. ..	{ 76 Upper Gloucester Place, Dorset Square, N.W.
1915. A.M.)		
1912.	GRAHAM, JAMES .. .. .	{ c/o Mines Office, Kuala Lumpur, Selangor, F.M.S.
1905.	GRAHAM, THOMAS .. .. .	{ Messrs. H. A. Davie Ltd., Holmeside, Sunderland.
1912.	{ GRANDAGE, NORMAN ALEX- ANDER .. .. .	{ 56 Oakfield Rd., Clifton, Bristol.
1901.	GRANT, DANIEL JOHN .. .. .	{ Messrs. Harland & Wolff, Queen's Island, Belfast.
1910.	GRANT, JOHN .. .. .	{ Dunlop Rubber Co., Para Mills, Aston Cross, Birmingham.
1907.	GRANT, JOHN EDWARD .. ..	{ Morgan Crucible Co., Battersea Works, S.W.
1896.	GRANT, WILLIAM .. .. .	{ Messrs. Workman, Clark & Co., Engine Works, Queen's Road, Belfast.
1909.	{ GRANT-MORRIS, WILLIAM HARDWICKE .. .. .	{ Chief Mech. Eng., Cairo Water Works, Cairo, Egypt.

Date of Election.

1904.	GRAVELL, ARTHUR .. .. .	{ Nahan Foundry, Nahan, near Umballa, Punjab.
1912.	GRAY, ARCHIBALD .. .. .	{ Vale Cottage, Epsom Rd., Guildford.
1911.	GRAY, JAMES .. .. .	{ Government Factory, Colombo, Ceylon.
1907.	GRAY, JOHN WILLIAM .. .. .	{ Mech. Dept., S. African Rlys., Durban, Natal.
1907.	G. } GRAY, WILLIAM HENDERSON	Cracknore Hard, Southampton.
1913.	A.M. }	
1907.	GREAVES, LOUIS VINCENT ..	6 Avondale Place, Halifax.
1904.	GREAVES, WILLIAM .. .. .	{ 69 Cross Hill, Ecclesfield, Sheffield.
1902.	GREEN, BERNARD JOSEPH ..	{ Chief Engineer, Drainage and Waterworks, Town Hall, Kidderminster.
1911.	GREEN, GEORGE ALAN .. .. .	{ Fifth Avenue Coach Co., 91 West 42nd St., New York, U.S.
1907.	G. } GREEN, GEORGE WILFRID	{ 54 Manor Road, Rugby.
1913.	A.M. }	
1912.	GREEN, RONALD .. .. .	{ 10 Lime Grove, Old Trafford, Manchester.
1913.	GREEN, THOMAS .. .. .	{ Castner Kellner Alkali Co., Run-corn.
1900.	GREENE, FRANK ARNOLD ..	{ 3 Miles Lane, E.C. [ <i>Fagreenear, London. London Wall 7683.</i> ]
1910.	{ GREENE, ROBERT CECIL EUS-TACE .. .. .	{ The Assam Co., Nazira, Upper Assam, India.
1912.	GREENFIELD, JOHN .. .. .	{ 4 Rondu Road, Cricklewood, N.W.
1913.	{ GREENLAND, HAROLD FRANCIS ALBERT .. .. .	{ Commercial Cars Ltd., Biscot Road, Luton.
1912.	{ GREENSHIELDS, CHARLES DAVID .. .. .	{ Govt. Rly., Ebute-Metta, Lagos, S. Nigeria.
1906.	{ GREENWOOD, VLADIMIR EDWARD .. .. .	{ c/o A. Baines, 80 St. John St., Lichfield.
1914.	GREGORY, ERNEST .. .. .	{ Works Manager, Messrs. Hall and Stells, Park Works, Keighley.
1912.	GREGORY, HUGH HAMILTON ..	{ Royal Automobile Club, Pall Mall, S.W.
1904.	GREGSON, BRYAN PADGETT ..	{ 13 Dunsford Place, Bath.
1910.	GREGG, ARTHUR .. .. .	{ Engineering Branch, P.W.D., Philip St., Sydney, N.S.W.
1909.	G. } GREW, FRANK HOWARD .. ..	{ Chief Eng., Elliott's Metal Co., Selly Oak Works, near Birmingham.
1911.	A.M. }	
1914.	GREY, HENRY .. .. .	{ Messrs. Edgar Allen & Co., Imperial Steel Works, Sheffield.
1913.	GRIERSON, RONALD .. .. .	{ Chief Eng., Provincial Cinematograph Theatres Ltd., 199 Piccadilly, W.
1913.	GRIFFITHS, DAVID NATHANIEL	{ Verdin Technical School, Northwich.
1904.	{ GRIFFITHS, EDWARD MEBE-DITH .. .. .	{ 1-3 Ludgate Sq., Ludgate Hill, E.C. [ <i>Hibou, London. Bank 5423.</i> ]
1912.	GRIFFITHS, HERBERT ROBERTS	{ 36n Earlsfield Road, Wandsworth Common, S.W.
1904.	GRIFFITHS, RALPH STANLEY ..	{ 11 Addison Court Gardens, Kensington, W.
1906.	G. } GRIFFITHS, ROYSTON SWIRE	{ 27 Barnfield Road, Exeter.
1913.	A.M. }	

## Date of Election.

1910.		GRIGGS, JOHN WILLIAM ..	2 Seymour Gardens, Ilford.
1900.		{ GRIMLEY, WILLIAM RICHARD NASH .. .. . }	8 Marlborough Rd., Ealing, W.
1912.		{ GRIMWOOD, BERTIE CONSTAN- TINE RUFFELL .. .. . }	193 Roundhay Road, Leeds.
1903.		GROOM, ISAAC STEPHEN WEST	6 Lawn Rd., Doncaster.
1905.		GROSE, FRANCIS HOWARD ..	8 Naval Terrace, Sheerness.
1902.		GROUNDWATER, ALICK GEORGE	{ The Cottage, Stoneywood, Bucks- burn, Aberdeen.
1895.		GROUNDWATER, SAMUEL .. ..	{ Honam, 17 Grosvenor Rd., Bourne- mouth.
1909.	G. }	GROUNDWATER, WILLIAM	28 Congo Rd., Plumstead, S.E.
1913.	A.M. }	CHARLES PURVIS .. .. . }	
1895.		GROVES, MONTAGUE .. ..	{ Nelly Mine, Insiza, Rhodesia, S.A.
1903.		GUEST, GEORGE NEVILL ..	{ Messrs. Hollings & Guest, Thimble Mill Lane, Aston, Birmingham. [3060.]
1913.		GULLEN, WILLIAM BRETTELL	{ British & Colonial Aeroplane Co., Filton House, Bristol.
1900.	G. }	GULLIVER, GILBERT HENRY ..	99 Southwark Street, S.E.
1903.	A.M. }		
1911.		GUNDRY, ARTHUR ROBERT ..	{ Eastern Bengal State Rly., Kan- chrapara, India.
1908.		GUPTA, JATINDRA KUMAR DAS	{ c/o Messrs. Bennett & Co., 8/2 Hastings St., Calcutta.
1912.		GURMIN, ERNEST WILLIS ..	{ Messrs. Braithwaite and Kirk, Crown Bridge Works, West Bromwich.
1910.		GURNEY, THOMAS .. .. .	{ Equitable Bldgs., 350 George St., Sydney, N.S.W.
1913.		{ GUSH, Eng. Lieut.-Commr. ARTHUR SYDNEY, R.N., ret. }	{ Admiralty Coal Office, 58 Merchants Exchange, Cardiff.
1909.	G. }	GUTHRIE, ALEXANDER GORDON	{ Messrs. J. and E. Hall, Iron Works, Dartford.
1914.	A.M. }		
1908.		GUTHRIE, THOMAS .. .. .	{ Messrs. William Little & Sons, 77 & 79 Pitt St., Edinburgh.
1910.		GUTIERREZ, RICARDO JOSÉ ..	{ Estacion Martinez, F.C.C.A., Ar- gentine Republic.
1906.	G. }	GUY, HENRY LEWIS .. .. .	{ Turbine Dept., British Westing- house Co., Trafford Park, Man- chester.
1912.	A.M. }		
1904.		GUYATT, DAVID JOHN .. ..	89 Walsall Street, Wednesbury.
1913.		GYTON, FREDERICK GEORGE	{ 41 Pulteney Rd., South Woodford, N.E.
1906.	G. }	HAAN, PETER DE .. .. .	9 Via Parini, Milan, Italy.
1912.	A.M. }		
1914.		HABELL, FRANK STANNAH ..	Harbour Works, Whitby.
1899.		{ HADLEY, WILLIAM PEARCE HOLBROW .. .. . }	{ Kalacherra Tea Co., Jafferbund P.O., Cachar, India.
1905.		HADWEN, FREDERICK WALTER	Kebroyd Mills, near Halifax.
1911.		HAFFENDEN, ARTHUR GEORGE	{ Messrs. Kynoch, Witton, Birming- ham.

Date of Election.

1910.	HAGGAS, WILLIAM SELKIRK ..	{ Messrs. H. W. Petrie, Front St., Toronto, Ont., Canada.
1909.	HAIGH, JAMES HAROLD .. ..	{ Loco. Dept., Lancs. & Yorks. Rly., Horwich, Lancs.
1902.	HAILEY, FRANK PERCIVAL ..	{ Etna Works, Rolfe St., Smethwick, Birmingham.
1899. G.)	HALE, HAROLD .. .. .	4 & 5 Adam Street, Adelphi, W.C.
1902. A.M.)		
1902.	HALER, PERCY JAMES .. ..	{ 17 Mornington Road, Ching- ford.
1911.	HALL, ALFRED EDWIN .. ..	{ 30 Treen Avenue, White Hart Lane, Barnes, S.W.
1896.	HALL, BENJAMIN JAMES .. ..	{ Fieldend Lodge, Eastcote, Pinner, Middlesex.
1902.	HALL, JOHN EDWARD .. ..	{ 5 Jinkee Rd., Shanghai, China.
1913.	HALLOWELL, WILLIAM .. ..	{ 211 Corn Exchange, Cathedral St., Manchester.
1912.	HALLY, GEORGE .. .. .	{ Sun Power Co., Friar's House, New Broad St., E.C.
1905.	HAMBLIN, HENRY JOEL .. ..	{ Chief Eng., Oakhill Brewery Co., Oakhill, Bath.
1913.	HAMBLIN, WALTER GEORGE	{ 18 Coronation Avenue, Fishponds, Bristol.
1903.	HAMILTON, ALEXANDER, JUN.	{ Chief Eng., Bacares Iron Ore Mines, Seron, Almeria, Spain.
1907.	{ HAMILTON, ARCHIBALD GIL- BERT .. .. .	{ Messrs. Saxby & Farmer, 465 Calle Defensa, Buenos Aires, Arg. Rep.
1913.	{ HAMILTON, BENJAMIN HENRY NOËL HANS .. .. .	{ High Legh, Leopold Avenue, Wimbledon Park, S.W.
1913.	{ HAMILTON, FREDERICK BROAD- HURST .. .. .	{ 24 Devonshire Place, Brighton.
1902. G.)	HAMILTON, GAVIN JAMES ..	Messrs. Wilson, Sons & Co., Bahia, Brazil.
1906. A.M.)		
1901.	HAMILTON, THOMAS FULTON ..	{ Carron Iron Works, Carron, R.S.O., Stirlingshire.
1914.	HAMLIN, ERNEST JOHN .. ..	{ P.O. Box 17, Stellenbosch, Cape Colony.
1912.	HAMMETT, DARCY HESSELTINE	{ Crown Fuel Works, Roath Dock, Cardiff.
1915.	HAMPTON, JAMES .. .. .	{ Messrs. J. I. Thornycroft & Co., Woolston Works, Southampton.
1914.	HANDCOCK, HENRY CHARLES ..	{ 158 Cecil St., Whitworth Park, Manchester.
1910.	HANDCOCK, REGINALD HENRY	{ Western Electric Co., North Woolwich, E.
1903.	HANDY, CHARLES EDWARD ..	{ Principal, The Technical College, Darlington.
1904.	HANNAH, JAMES CAMERON ..	{ Messrs. Crossley Brothers, Guild- hall Rd., Northampton. [86 Y.]
1911.	HANSFORD, JOHN BALES .. ..	{ Gas Works, Albert Road, New Barnet.
1912.	HANSON, JAMES .. .. .	{ 893 Annis View, Lumb, Waterfoot, Manchester.
1910.	HARBEN, GEORGE ALFRED ..	{ Messrs. Heatly & Gresham, 110 Cannon St., E.C.
1908.	HARDIE, EDWARD PETER .. ..	{ Law Accident Insurance Society, 215 Strand, W.C.
1905.	HARDMAN, FREDERIC .. ..	{ Oakleigh, Ogden Rd., Bramhall, Stockport.



Date of Election.

1912.	HARDMAN, JAMES HERBERT ..	Messrs. Garner, Telford and Hardman, Perseverance Iron Works, Pendleton, Manchester.
1901.	HARDWICK, EUSTACE JAMES ..	Messrs. W. H. Willcox & Co., 23 Southwark St., S.E.; and 111 Fox Lane, Palmer's Green, N.
1912.	{HARDWICKE, JOHN AUGUSTUS VIGOR .. .. .}	Caixa Postal 76, Santos, Estado de São Paulo, Brazil.
1902.	HARDY, JAMES HENRY .. ..	Culver Street, Halifax; and 18 Summergate Place, Halifax.
1913.	HARGREAVES, WILLIAM .. ..	Lancashire Dynamo and Motor Co., Manchester.
1898.	HARLING, WILLIAM .. ..	City of Santos Improvements Co., Caixa 4, Santos, Brazil.
1903. G.) 1910. A.M.)	HARLISS, WILLIAM LEWIS ..	Ivy House, Cwmpennar, Mountain Ash, Glam.
1897.	HARLOW, BERNHARD SCHÄFFER	Heaton Norris Brass Works, Stockport.
1911.	HARPER, JAMES .. .. .	Messrs. Seebohm and Dieckstahl, Dannemora Steel Works, Sheffield.
1904. G.) 1912. A.M.)	HARRIS, ALBERT EDWARD ..	Messrs. Thomas Robinson and Son, Railway Works, Rochdale.
1908. G.) 1914. A.M.)	HARRIS, COLIN HARMAN ..	Sturtevant Engineering Co., 147 Queen Victoria St., E.C.
1899. G.) 1903. A.M.)	HARRIS, FRANCIS GRAHAM REYNOLDS .. .. .}	8 Luttrell Avenue, Putney, S.W.
1912.	HARRIS, VINCENT GEORGE ..	Cliffville, Hazelwood Lane, Palmer's Green, N.
1912.	HARRIS, WILLIAM AUGUSTUS	Chief Mech. Eng., St. Lucia Usines and Estates Co., Castries, St. Lucia, W. Indies.
1901.	{HARRIS, WILLIAM ROBERT ALEXANDER .. .. .}	Messrs. Thomas & Green, Soho Paper Mills, Wooburn, Bucks.
1913.	{HARRISON, CHARLES WESTER- MAN .. .. .}	Enderlea, Aboretum Road, Worcester.
1912.	{HARRISON, DOUGLAS ROY DILWORTH .. .. .}	Corp'n. Electricity Dept., Blackhall, Paisley.
1910.	HARRISON, ERNEST YOUNG ..	Water Eng., Market Sq., Wellingborough.
1912.	HARRISON, GEORGE .. ..	Messrs. Sheldon, Goenaga y Cia., Bilbao, Spain.
1905.	HARRISON, RICHARD .. ..	Eng., Water Works, Hornsea, Hull.
1912.	{HARRISON, WILLIAM GOLDS- BROUGH .. .. .}	2 Exchange Place, Middlesbrough.
1904.	HART, HERBERT ALFRED ..	Cardiff Rly. Co.'s Works, Bute Yard, Tyndall St., Cardiff.
1912.	HART, WILLIAM BARNARD ..	Metropolitan Water Board, Brixton Hill, S.W.
1906.	HART, WILLIAM HENRY .. ..	60 Montague Road, North End, Portsmouth.
1903.	HARTLEY, HERBERT ANDERSON	Messrs. Reavell & Co., Ranelagh Works, Ipswich.
1911.	HARTLEY, JOHN HENRY .. ..	56 Wood View, Bradford.
1905.	HARTNESS, JOHN ANTON, ..	Jones and Lamson Machine Co., Jubilee Bldgs., 97 Queen Victoria St., E.C.

Date of Election.			
1908.	G. }	HARTREE, RAYMOND .. ..	{ Assist. Loco. Supt., N.W. State Rly., Saharanpore, U.P., India.
1913.	A.M. }		
1911.		HARVEY, RALPH .. ..	{ Messrs. Harland & Wolff, Govan, Glasgow.
1911.		HARVEY, WILLIAM CLAYTON ..	{ Consulting Eng. to Tasmanian Govt., 56 Victoria St., Westminster, S.W.
1897.		HARWOOD, ROBERT HENRY ..	{ Jamadoba Colliery, Jamadoba P.O., Jherriah, Bengal.
1912.		HASENDAHL, WALTHER .. ..	{ c/o Mrs. Fred. Lee-Bates, Hotel Van Rensselaer, 15 East 11th St., New York, U.S.
1907.		HASSELKUS, JOHN WILLIAM ..	{ Messrs. Ross, 8 North Side, Clapham Common, S.W.
1904.	G. }	HASWELL, JOHN FREDERICK ..	{ Eastern Exchange Hotel, Port Said, Egypt.
1910.	A.M. }		
1902.	G. }	HATFIELD, KENNETH GEORGE	{ Messrs. Crossley Bros., 139 and 141 Queen Victoria St., E.C.
1910.	A.M. }		
1908.		HATFIELD, WILLIAM HERBERT	{ Manager, Messrs. John Crowley & Co., Meadow Hall Iron Works, Sheffield.
1901.		HATSCHKE, EMIL .. ..	{ Messrs. S. Burnett & Co., 19 St. Dunstan's Hill, E.C.
1910.		HATTON, JAMES .. ..	{ 49 Jesmond Dene Rd., Jesmond, Newcastle-on-Tyne.
1902.	G. }	HATTON, ROBERT ANDREW ..	{ Messrs. W. T. Henley's Telegraph Works Co., North Woolwich, E.
1906.	A.M. }		
1900.		HAUGHTON, GEORGE BAYLY ..	{ 30 St. Mary-at-Hill, E.C.
1909.		HAVILLAND, GEOFFREY DE ..	{ Woodcote, Edgware, Middlesex.
1913.		HAWES, JOHN WALTER HENRY	{ Messrs. Wakelins Ltd., 5 & 7 Tottenham St., Tottenham Court Rd., W.
1912.		HAWKINS, BURTON TYAS ..	{ Power House Supt., Electricity Works, St. Helens, Lancs.
1899.	G. }	HAWKINS, ELYOT SYDNEY ..	{ Genl. Manager, Colne Valley Rly., Halstead.
1903.	A.M. }		
1912.		HAWKINS, HERVEY CARLETON	{ Mond Nickel Works, Clydach, S.O., Glamorgan.
1902.	G. }	HAWKINS, JOHN CHARLES ..	{ Govt. Irrigation Engineer, Hanky, Cape Colony.
1905.	A.M. }		
1901.		{ HAWKINS, LAWRENCE GRANVILLE .. ..	{ Messrs. Harker Sumner & Co., 16 Largo do Corpo Santo, Lisbon, Portugal.
1897.		HAWKINS, THOMAS SPEAR ..	{ Morro Velho, Villa Nova de Lima, Bicalho, Minas Geraes, Brazil.
1912.		{ HAYDON, GERALD SUMMERSELL .. ..	{ Guatraché, 193 Tulse Hill, S.W.
1901.	G. }	HAYES, HERBERT CHARLES ..	{ Messrs. Rosser & Russell, Cabinet Ohbrs., Basinghall St., Leeds.
1905.	A.M. }		
1913.		HAYES, JOSEPH JOHN .. ..	{ 82 Claude Rd., Chorlton-cum-Hardy, Manchester.
1909.		HAYMES, CARLOS .. ..	{ Carlos Pellegrini 1536, Buenos Aires, Arg. Rep.
1909.		{ HAYTON, CHARLES EDWIN	{ 7 Dawlish Road, Chorlton-cum-Hardy, Manchester.
		{ PICKLES .. ..	
1900.		HAYWOOD, ARTHUR ROBERT ..	{ Loco. Supt., Longitudinal Rly. of Chile, Vallenar, Chile.

Date of Election.

1908.		HAYWOOD, THOMAS ELI .. ..	{ Messrs. McKenzie & Holland, 58 Victoria Street, Westminster, S.W.
1901. G.)	A.M.)	HEAD, WALTER GEORGE .. ..	{ S. Metropolitan Gas Co., 709 Old Kent Road, S.E.
1907.		{ HEATH, CHARLES LEWIS .. ..	{ Principal, Rutherford Technical College, Newcastle-on-Tyne.
1896.		{ ECLAIR .. .. .	{ Messrs. Heath & Co., Observatory Works, Crayford, Kent.
1918.		HEATH, GEORGE ANDREW .. ..	
1904. G.)	A.M.)	HEATHCOTE, EDGAR HORACE	{ 37 Princess St., Manchester.
1908.		HEMER, WILLIAM HENRY .. ..	{ Principal, Salt River Technical Institute, Dryden St., Salt River, Cape Town.
1897.		HEMINGWAY, ALFRED .. ..	{ Govt. Rlys., Kalgoorlie, Western Australia.
1902.		HENDERSON, DONALD DOUGLAS	{ 70 Gracechurch St., E.C. [ <i>Inderdaad, London. Central 9187.</i> ]
1913.		HENDERSON, FRANK WELLS	{ China General Engineering Co., Shanghai, China.
1911.		HENDERSON, JOHN .. .. .	{ Guiana Gold Co., St. Mary's, Konawaruk, British Guiana.
1901.		HENDERSON, ROBERT .. .. .	{ Prudential Assoe. Bldgs., 48 West Regent St., Glasgow.
1914.		HENDERSON, WILLIAM .. .. .	{ Nigerian Government Rly., Lagos, West Africa.
1908.		{ HENDRY, CHARLES ARTHUR	{ Messrs. Martin & Co., 6 and 7 Clive St., Calcutta.
		{ JOHN .. .. .	
1912.		HENNESSY, CHARLES PERCIVAL	{ 27 Civil Lines, Jhansi, U.P., India.
1907. G.)	A.M.)	HENRIQUES, PHILIP QUIXANO	{ Works Manager, Messrs. John H. Wilson and Co., Birkenhead.
1912.		HEPTON, ERNEST STANLEY .. ..	{ 120 Alfred Gelder St., Hull.
1910.		HEPWORTH, JOHN WILLIAM .. ..	{ Messrs. Stevensons, Canal Foundry, Preston.
1899.		HEPWORTH-COLLINS, WALTER	{ Junior Constitutional Club, Piccadilly, W.
1904.		HESKETH, THOMAS .. .. .	{ 42 Castle Hill Avenue, Folkestone.
1909.		HESKETH, WILLIAM ORME .. ..	{ Highleigh, Rectory Lane, Prestwich, Manchester.
1907. G.)	A.M.)	HETHERINGTON, FRANK .. ..	{ 24 Brunswick Square, Penrith.
1901.		HEWARD, SIDNEY EDGAR .. ..	{ 25 Whitbread Road, Brockley, S.E.
1905.		HEWITT, ARNOLD ERNEST .. ..	{ Bowling Boiler Works, Bradford.
1907.		HEY, WALTER .. .. .	{ Eng. Dept., Messrs. Brunner Mond & Co., Northwich.
1906. G.)	A.M.)	HEYNSSENS, JOSEPH .. .. .	{ 12 Rue Haut Port, Gand, Belgium.
1911.		{ HIBBERT, JOHN PERCY MAG-	{ Resident Engineer's Office, Tilbury Dock, Tilbury, Essex.
1913.		{ HULL .. .. .	
1910.		HICK, BENJAMIN .. .. .	{ Villa Ghita Offices, Cumballa Hill, Bombay.
1908.		HICK, CHARLES .. .. .	{ 47 Mount Stuart Square, Cardiff.
1900.		HICKS, FREDRICK GEORGE .. ..	{ Dee Side, 61 Grafton Road, Acton, W.
1912.		HICKSON, CHARLES HAMILTON	{ Metropolitan Sewerage Dept., Perth, Western Australia.

## Date of Election.

1906.	HIGGINS, CHARLES FRANCIS ..	{ 3 Central Bldgs., Westminster, S.W.
1905.	HIGGINS, EDWARD PANTER ..	{ Tyn-y-Rheol, Rooksmoor, Stroud, Glos.
1902.	HIGGINSON, FRANK .. ..	{ Eng., Broadstairs Gas Co., Alexandra Rd., Broadstairs.
1914.	HIGGS, HENRY JOSEPH ..	{ P.W.D., Esneh Barrage, Esneh, Upper Egypt.
1907.	HIGGS, WILLIAM GEORGE ..	{ 25 Bernard St., Uplands, Swansea.
1913.	HIGSON, PERCY REUBEN ..	{ Messrs. Vickers Ltd., Vickers House, Broadway, Westminster, S.W.
1905.	HILL, ALBERT GEORGE .. ..	{ 125 Balsam Ave., Balmy Beach, Toronto, Canada.
1903.	HILL, FREDERICK JOHN ..	{ Messrs. Death and Ellwood, Clarendon St., Leicester.
1909. G. }	HILL, HAROLD .. .. .	{ Messrs. Dobson and Barlow, Kay Street Machine Works, Bolton.
1910. A.M. }		
1912.	HILL, JOSEPH .. .. .	{ Water Works, Sheerness.
1910.	HILL, SIDNEY FRANCIS ..	{ 15 Cleveland Parade, Darlington.
1905.	HILL, THOMAS .. .. .	{ 47 Terrace Rd., Swansea.
1897.	HILL, WALTER CHARLES ..	{ 6 Westbourne Grove, Bayswater, W.
1900. G. }	HILL, WALTER HEReward ..	{ Managing Director, British and Dutch Engineering Co., Soerabaya, Java.
1905. A.M. }		
1907. G. }	HILLER, LIONEL .. .. .	{ Messrs. Tyer & Co., Ashwin Street, Dalston, N.E.
1913. A.M. }		
1905. G. }	HILLHOUSE, JOHN PATON ..	{ Herbert Frood Co., Sovereign Mills, Chapel-en-le-Frith, Stockport.
1911. A.M. }		
1914.	HILLMAN, MAURICE JOHN ..	{ São Paulo Rly., São Paulo, Brazil.
1908.	{ HILTON, GEORGE MAXWELL BROOKE .. .. .	{ Messrs. Heenan & Froude, 4 Chapel Walks, Manchester.
1908.	HILTON, NATHAN LEES .. ..	{ 53 Southern Road, Ward End, Birmingham.
1908.	HINCHLIFF, JAMES ARTHUR ..	{ Works Supt., Messrs. McKenzie and Holland, Vulcan Iron Works, Worcester.
1902.	HINCHLIFFE, GEORGE WILLIAM	{ Manor Avenue, Fulwood, Preston.
1912.	HIND, HAROLD ROBERT ..	{ 75 Cranfield Road, Brockley, S.E.
1910.	HIND, ROBERT FREDERICK ..	{ Verona, Abingdon Drive, Ashton-on-Ribble, Preston.
1912.	HINDE, WILLIAM JOHNSON ..	{ Works Manager, Messrs. John Robson (Shipley), Alexandra Works, Shipley, Yorks.
1905.	HINDLE, ROBERT SIDNEY ..	{ 40A Hazledene Rd., Chiswick, W.
1913.	HINGSTON, WILLIAM HALCOT	{ 25 Shakespeare Road, Acton, W.
1905.	HIRD, RICHARD THOMAS .. ..	{ Oficina del Ingeniero Sanitario, H. Concejo Provincial del Callao, Peru.
1907.	{ HIRTZEL, CLEMENT HENRY ARMITAGE .. .. .	{ Nairobi, British East Africa.
1902.	HISLOP, DAVID BLAIRKIE ..	{ Box 813, Upland, California, U.S.
1901.	{ HISLOP, GEORGE ROBERTSON, Jun. .. .. .	{ Underwood House, Paisley.
1907.	HITCHEN, JOSEPH HENRY ..	{ 26 Crossfield Road, West Green, South Tottenham, N.

## Date of Election.

1910.	HOARE, ARTHUR RICHARD ..	10 Barclay Rd., Croydon.
1911.	HOARE, HORACE JAMES .. ..	Messrs. Hoare and Co., Colombo Engineering Works, Colombo, Ceylon.
1913.	HOBSON, JOHN WILLIAM ..	Messrs. R. and W. Hawthorn, Leslie & Co., Forth Banks Works, Newcastle-on-Tyne.
1895.	HOCKLEY, NORMAN JULIUS ..	British Engine, Boiler and Electl. Insee. Co., 24 Fennel St., Man- chester.
1906.	HODGE, JOHN .. .. .	35 Glendower Road, Peverell, Plymouth.
1903.	HODGES, HERBERT FURMEDGE	41 Upper Berkeley St., Portman Square, W.
1896. G.) 1900. A.M.)	HODGSON, GEORGE HENRY ..	P.O. Box 616, Sydney, N.S.W.
1909.	HODGSON, HERBERT .. ..	Messrs. John Fowler & Co., Steam Plough and Locomotive Works, Leeds.
1910.	HODGSON, JAMES THOMAS ..	Municipal School of Technology, Manchester.
1903.	HODSON, FRANK HERBERT ..	26 Barclay Road, Croydon.
1903.	HODSON, HORACE MALCOLM ..	The Bryan Donkin Co., Parliament Mansions, Victoria St., S.W.
1903. G.) 1912. A.M.)	HODSON, REGINALD CECIL ..	102 Nightingale Rd., Wood Green, N.
1915.	HODSON, WILLIAM JAMES ..	Majagram Tea Estate, Udarbund P.O., Cachar, India.
1914.	HOGARTH, LIONEL BREWER ..	Manager, Whitehaven Electricity Works, Whitehaven.
1907.	HOGARTH, WILLIAM JOHN ..	G.W. Rly., Swindon.
1901.	HOGG, JOHN THALLON .. ..	Divl. Supt.'s Office, S.A. Rlys., Kimberley, Cape Colony.
1901.	HOLBROW, CHARLES ANTHONY	Messrs. C. A. Parsons & Co., Mil- burn House, Newcastle-on-Tyne.
1902. G.) 1905. A.M.)	HOLDEN, PERCY .. .. .	93 High St., Eton, Windsor.
1914.	HOLDEN, STEPHEN MOSS ..	42 Bannerdale Rd., Millhouses, Sheffield.
1910.	HOLDER, CECIL HARRY ELTON	Messrs. Vickers Ltd., Vickers House, Broadway, Westminster, S.W.
1902.	HOLLAND, BERNARD AUGUSTUS	17 Victoria St., Westminster, S.W. [Picturable, Vic, London. Vic- toria 6423.]
1906.	HOLLAND, HENRY NORMAN ..	Elmhurst, Hermon Hill, South Woodford, Essex.
1905.	HOLLAND, LOUIS CARL .. ..	Beech House Farm, Little Hough- ton, Barnsley.
1911.	HOLLIDAY, THOMAS .. .. .	London County Council, County Hall, Spring Gardens, S.W.
1905. G.) 1912. A.M.)	HOLLINGSWORTH, FREDERICK	Loco. Supt.'s Office, Beira and Ma- shonaland and Rhodesia Rlys., Umtali, Rhodesia.
1907.	HOLLOWAY, JOHN .. .. .	Works Manager, North British Diesel Engine Works, South St., Whiteinch, Glasgow.
1910.	HOLLOWAY, JOHN WILLIAM ..	Engineer's Dept., County Asylum, Lancaster.

Date of Election.			
1913.		HOLLOWDAY, ALVERO .. ..	{ Messrs. Price, Wills and Reeves, Immingham Dock, near Grimsby.
1904.		HOLLOWS, ARTHUR .. ..	{ Messrs. Brunner, Mond & Co., Northwich.
1913.		HOLMES, HERBERT .. ..	{ United Alkali Co., Tennant's Works, Hebburn-on-Tyne.
1914.		HOLMES, JOHN DUDLEY .. ..	{ Head Office, Public Works Dept., Wellington, New Zealand.
1911.		HOLMES, LIONEL GEORGE .. ..	{ 132A Adelaide Road, Brockley, S.E.
1898.		HOLROYD, VICTOR AVISON .. ..	{ Works Manager, Messrs. Rudge-Whitworth, Coventry; and Royd Lodge, Earlsdon, Coventry.
1905.		HOLROYDE, GEORGE ERNEST	{ Pyrmont Refinery, Sydney, New South Wales.
1903. G.)	}	HOLTHOUSE, CHARLES SCRAF-	} 35 Nottingham Place, W.
1914. A.M.)		TON .. .. .	
1905. G.)	}	HOMAN, ARTHUR KNOX .. ..	} Dist. Loco. Supt., E. B. S. Rly., Saidpur, Bengal, India.
1910. A.M.)			
1908.		HOMAN, BRES VAN .. ..	{ Messrs. Homan & Rodgers, 17 Gracechurch St., E.C.
1913.		HOMEWOOD, GEORGE .. ..	{ Rising Sun Petroleum Co., P.O. Box 331, Yokohama, Japan.
1908. G.)	}	HOOPER, SIDNEY HERBERT .. ..	} 6 Slater St., Liverpool.
1910. A.M.)			
1906.		HOPKINS, EDMUND CHARLES	{ 52 Holloway Road, N. [ <i>Seaman-like, London. North 1463.</i> ]
1906.		HOPKINS, GEORGE ARTHUR .. ..	{ 52 Holloway Road, N. [ <i>Seaman-like, London. North 1463.</i> ]
1907. G.)	}	HOPKINSON, ARTHUR .. ..	} Sheepbridge Coal and Iron Co., Chesterfield.
1912. A.M.)			
1912.		HORN, BERTRAM .. ..	{ 60 Spencer Rd., Bedford.
1914.		HORNBY, CYRIL .. ..	{ Supt. Eng., British Cotton Growing Association, Ibadan, S. Nigeria.
1906.		{ HORNE, Professor ALEXANDER	{ Robert Gordon's Technical College, Aberdeen.
1895.		ROBERT, B.Sc. .. ..	
1912.		HORNER, JOSEPH GREGORY .. ..	{ 45 Sydney Bldgs., Bath.
1912.		{ HORSBURGH, GEORGE DONALD	{ Schlüsselburg Print Works,
1899.		LEE .. .. .	{ Schlüsselburg, Russia.
1901. G.)	}	HORSNAILL, WILLIAM OWEN	} King Street, Ipswich.
1906. A.M.)			
1903.		HORTON, LEONARD WILSON .. ..	{ Kenilworth, 47 Galveston Rd., East Putney, S.W.
1906.		HORSEGOOD, TOM PRESANT .. ..	{ Alma Works, Darlaston, Wednesbury.
1913.		{ HOSKYNs, OSWALD PEYTON	{ 5 Upper Belmont Road, St. Andrews, Bristol.
1914.		{ LATHAM .. .. .	{ Messrs. Takata & Co., 57 Bishops-gate Street, E.C.
1914.		HOUGHTON, ALFRED JOHN .. ..	{ Messrs. Marshall, Sons & Co., Britannia Iron Works, Gainsborough.
1913.		HOUGHTON, GORDON OLDFIELD	{ Manager, Gleniffer Motors, Temple Works, Anniesland, Glasgow.
1909.		HOUGHTON, WILLIAM HULME	{ Res. Mech. Eng., Lancashire County Asylum, Winwick, Warrington.
1903.		HOULT, WILFRED .. ..	{ Siemens Co. of Canada, Transportation Bldg., Montreal, Canada.

## Date of Election.

1904. G. } 1910. A.M. }	HOUR, ROBERT CHARLES ..	{ 89 Rue de St. Cloud, Billancourt, Paris.
1907. {	{ HOUSMAN, ROBERT FLETCHER ASTON .. .. . }	{ Manager, Messrs. Gillett and Johnston, Turret and Clock Factory and Bell Foundry, Croydon.
1904.	HOUSTON, PERCIVAL TURNER	{ Coronation House, 4 Lloyds Avenue, E.C. [ <i>Hougalen, London. Central 11896.</i> ]
1913.	HOUSTON, ROBERT .. .. .	{ Messrs. Turner, Morrison & Co., 6 Lyons Range, Calcutta.
1914.	HOVELL, HERBERT EDWARDS	{ Chief Eng., Messrs. S. D. Page & Sons, Machine Brush Works, Wymondham, Norfolk.
1914.	HOVELL, JOHN COATES .. ..	{ Messrs. Alfred Dodman & Co., King's Lynn.
1910.	HOWARD, CHARLES FREDERICK	{ Colombo Harbour Works, Colombo, Ceylon.
1911.	HOWARD, JOHN BLENCOWE ..	{ Edwardstone, Colchester.
1903. G. } 1912. A.M. }	HOWARD, PERCY .. .. .	{ Messrs. Fraser and Chalmers, Singapore, Straits Settlements.
1909. G. } 1914. A.M. }	HOWARTH, JOHN .. .. .	{ Terrace Road, Tideswell, Buxton.
1914.	HOWELL, ALFRED EDWARD ..	{ Uskside Engineering Co., Uskside Works, Newport, Mon.
1914.	HOWELL, CLIVE EARNSHAW ..	{ Messrs. Howell and Co., Sheffield.
1914.	HOWELL, ERIC EARNSHAW ..	{ Messrs. Howell and Co., Sheffield.
1913.	HOWES, WILLIAM .. .. .	{ 92 Abinger Road, Bedford Park, Chiswick, W.
1913.	HOWIE, HAROLD AISLABIE ..	{ Woodhurst, 16 Buchanan Road, Walsall.
1902.	HOYTE, PERCY SIDDONS .. ..	{ Manager, Plymouth and Stonehouse Gas Light and Coke Co., Coxside, Plymouth.
1911.	HUBBELL, ROBERT SANDERSON	{ c/o Messrs. Thos. Cook & Son, Hornby Road, Fort, Bombay, India.
1907. G. } 1913. A.M. }	HUBBLE, ARTHUR WILLIAM ..	{ Crossley Motors Ltd., Gorton Lane, Manchester.
1912.	{ HUDDLESTON, GEORGE REGINALD GRAHAM .. .. . }	{ East Indian Rly., Jamalpur, Bengal, India.
1905.	{ HUDLASS, FELIX WILLIAM ISHERWOOD .. .. . }	{ 26 Westmoreland Road, Barnes, S.W.
1903.	HUDSON, ERNEST VICTOR ..	{ Wolseley Sheep Shearing Machine Co., Wolseley Works, Witton, Birmingham.
1909.	{ HUFFAM, WILLIAM TYERS CHRISTOPHER .. .. . }	{ Messrs. Babcock & Wilcox, Wheelers' Bldgs., Hornby Rd., Bombay.
1903. G. } 1912. A.M. }	HUGHES, FREDERICK .. ..	{ Waterworks Engineer's Dept., Town Hall, Merthyr Tydvil.
1913.	{ HUGILL, Eng. Lieut. RENÉ CHARLES, R.N. .. .. . }	{ H.M. Yacht "Victoria and Albert," c/o Postmaster General, E.C.
1909.	HULL, AMBROSE HARTLEY ..	{ Mount View, Katary, Nilgiris, Madras.
1907. G. } 1913. A.M. }	HULL, JOHN FRANCIS .. ..	{ Wooler Engineering Co., Old Oak Common Lane, Willesden Junction, N.W.

## Date of Election.

1912.	HULME, WILLIAM .. .. .	{ 41 Clifton Avenue, Wembley Hill, Wembley, Middlesex.
1907. G. }	HUMM, GEORGE HERBERT ..	{ 48 Labonté Avenue, Longueuil, Quebec, Canada.
1913. A.M. }		
1896. G. }	HUMPHREY, FREDERICK ..	{ Messrs. George Humphrey & Co., 166 High St., Sevenoaks.
1904. A.M. }		
1907.	HUMPHREYS, HENRY HERBERT	{ 288 Bristol Road, Selly Oak, Bir- mingham.
1905.	HUMPHRIES, ALBERT .. .. .	{ Royal Laboratory, Royal Arsenal, Woolwich.
1905.	HUNT, DAVID NOEL .. .. .	{ 22 Craven St., Strand, W.C.
1904.	HUNT, EDWARD .. .. .	{ O. & R. Rly., Shahjahanpur, India.
1914.	HUNT, WILFRID ERNEST ..	{ Chief Mech. Eng., Messrs. Topham, Jones and Railton, Singapore, Straits Settlements.
1910.	HUNTER, ALLAN HUGH .. ..	{ c/o Professor Hunter, Wellington University, Wellington, N.Z.
1906.	HUNTER, CHARLES FREDERICK	{ Factory Dept., Home Office, White- hall, S.W.
1902.	HUNTER, EDGAR LAFAYETTE ..	{ 24 & 25 Leadenhall House, 101 Leadenhall St., E.C.
1901. G. }	HUNTER, JOHN CHALMERS ..	{ Dist. Carr. and Wagon Supt., N.W. Rly., Lahore, India.
1903. A.M. }		
1905.	HUNTER, JOHN WILLIAM ..	{ 41 Lancaster Road, South Hamp- stead, N.W.
1908.	HUNTER, JOSEPH MOORE ..	{ Motherwell Bridge Co., 82 Victoria St., Westminster, S.W.
1900. G. }	HUNTON, WILLIAM .. .. .	{ St. Cuthbert's, Bath.
1905. A.M. }		
1906.	HURD, MILNER .. .. .	{ 3 Linden Avenue, Woodseats, Sheffield.
1903.	HURST, BERTRAM LAWRENCE	{ Craig's Court House, Charing Cross, S.W.
1908.	HURST, CHARLES BENJAMIN ..	{ Montgomery Street Garage, Belfast.
1913.	HURSTHOUSE, DENNIS WILSON	{ 13 Coote Road, Napier, N.Z.
1902.	HURSTHOUSE, ERNEST WILLIAM	{ Routh's Buildings, Wellington, N.Z.
1907.	{ HURT, EDWARD NORMAN ..	{ Loco. Dept., Lancs. & Yorks. Rly., Horwich, Lancs.
	{ RICHARD .. .. .	
1908.	HUTCHINS, FREDERICK HENRY	{ Ordnance College, R.M. Repository, Woolwich.
1911.	{ HUTCHINS, THOMAS WILLIAM ..	{ Electro Bleach and By-Products Ltd., 82 Victoria Street, West- minster, S.W.
	{ STAINER .. .. .	
1913.	HUTCHINSON, EDWARD GEORGE	{ Carlisle Gas Works, Carlisle.
1907. G. }	HUTCHINSON, GEORGE VICTOR	{ Loco. Dept., Great Southern and Western Rly., Inchicore, Dublin.
1912. A.M. }		
1912.	HUTCHISON, HUGH .. .. .	{ 21 Winchester House, Singapore, Straits Settlements.
1899. G. }	HUTCHISON, PERCY .. .. .	{ Messrs. Babcock & Wilcox, 1A Jinkee Rd., Shanghai, China.
1905. A.M. }		
1912.	HUTSON, CHARLES ARTHUR ..	{ Messrs. C. A. Hutson & Co., Colombo, Ceylon.
1913.	HUTT, ARTHUR CYRIL .. ..	{ The Moorings, Wallington, Surrey.
1903.	HUTTON, CHARLES INGLIS ..	{ Dist. Loco. Supt., Burma Rlys. Co. Insein, Burma.



## Date of Election.

1912.		HYDE, JAMES HENRY .. ..	{ 8 Claremont Road, Teddington, Middlesex.
1908.		HYNE, HARRY .. ..	{ Messrs. R. Waygood & Co., Falmouth Rd., Great Dover St., S.E.
1908.		ILIFFE, REGINALD JOSEPH ..	{ 21 Oakdale Rd., Mossley Hill, Liverpool.
1902. G.)	G.	INCHLEY, WILLIAM .. ..	{ Engineering Dept., University College, Nottingham.
1911. A.M.)			
1902.		INDER, CLARENCE JOHN .. ..	{ 70 Gracechurch St., E.C. [ <i>Inderdaad, London. Central 9187.</i> ]
1900. G.)	G.)	INGATE, GEORGE JAMES	{ Lahad Datu, British North Borneo.
1904. A.M.)			
1912.		INGHAM, EDWARD .. ..	{ Woodland Way, Alkington, Middleton, Manchester.
1913.		INGHAM, JOHN HENRY .. ..	{ Golders Hill Cottage, 51 North End Rd., Hampstead, N.W.
1908.		INGLE, HERBERT EDWARD ..	{ Messrs. Samuel Williams & Sons, Dagenham Docks, Essex.
1913.		INGOUILLE, PETER .. ..	{ Sociedad Comercial, Calle Rincon, Monte Video, Uruguay.
1906.		INGRAM, ANTHONY HOWARD ..	{ Uskside Engineering Works, Newport, Mon.
1907.		INKSON, NORMAN LEOPOLD ..	{ Loco. Carr. & Wagon Supt., Barsi Light Rly., Barsi Rd. (P.O. Kurduvadi), Deccan, India.
1903.		INNES, AUGUSTUS MONTAGUE	{ Station Iron Works, Hitchin. [ <i>Innes, Hitchin.</i> ]
1912.		INNES, WILLIAM .. ..	{ 85-87 High Street, Stratford, E.
1894. G.)	G.)	IRONSIDE, WILLIAM ALLAN ..	{ Messrs. Bird & Co., P.O. Box 46, Calcutta, India.
1897. A.M.)			
1913.		IRWIN, RICHARD STANLEY ..	{ Rantau, Negri Sembilan, Federated Malay States.
1914.		IRWIN-PACKINGTON, PHILIP ..	{ Experimental Dept., Messrs. Marshall, Sons & Co., Britannia Iron Works, Gainsborough.
1906.		ISAAC, GWILYM BEETRAM ..	{ Old Foundry, Carmarthen.
1912.		ISAAC, MORRIS TEMPLEMAN ..	{ The Nest, Portmadoc.
1896.		ISSIGONIS, GEORGE DEMOS ..	{ The D. Issigonis Works, Smyrna, Turkey in Asia.
1900.		ITO, KUMEZO .. ..	{ Mitsu Bishi Dockyard and Engine Works, Nagasaki, Japan.
1905. G.)	G.)	IVATT, HENRY GEORGE .. ..	{ Loco. Dept., L. and N.W. Rly., Crewe.
1914. A.M.)			
1909.		IZAT, JAMES HAMILTON .. ..	{ Dist. Loco. Supt., Bengal-Nagpur Rly., Bilaspur, C.P., India.
1904.		JACK, JAMES HADDOW .. ..	{ Hadfield's Steel Foundry Co., East Hecla Works, Sheffield.

Date of Election.

1913.	JACKSON, CHARLES WILLIAM	{ Borough Electrical Eng., Electricity Works, King's Lynn.
1898.	JACKSON, ERNEST .. .. .	{ 188 Cornwall Road, S. Tottenham, N.
1913.	JACKSON, GEORGE JAMES ..	{ Westbourne, St. Anne's-on-the-Sea, Lancs.
1913.	{ JACKSON, GEORGE JAMES FERRIS .. .. .	{ Messrs. Duckham and Cloudesley, Palace Chbrs., 9 Bridge St., Westminster, S.W.
1913.	JACKSON, JOHN .. .. .	{ 31 Trafalgar Place, Brynmill, Swansea.
1898.	JACKSON, ROBERT HIRAM ..	{ Messrs. Schäffer & Budenberg, Whitworth St., London Rd., Manchester; and Brocton, Cavendish Rd., Kersal, Manchester.
1905.	JACKSON, ROBERT MONTRÉSOR	{ Galena-Signal Oil Co., Calle 25 de Mayo 158, Buenos Aires, Arg. Rep.
1911.	{ JACOB, HUGH FREDERICK DAWSON .. .. .	{ Messrs. Jessop and Co., Clive St. Calcutta.
1911.	JAMES, DAVID .. .. .	{ Electrical Engr.'s Office, G. E. Rly. Liverpool St. Station, E.C.
1898.	{ JAMES, HENRY HAUGHTON RHODES .. .. .	{ 57 London Rd., Ipswich.
1907.	JAMES, WILLIAM LEWIS ..	{ Bwthyn, 47 Fleetwood Road, Dollis Hill, N.W.
1908.	JANSON, ROWLAND .. .. .	{ Messrs. C. C. Wakefield & Co., 5 Rue Jean Baptiste Dumas, Paris.
1902. G. } 1912. A.M. }	JANTZEN, PAUL HERMANN HUDDEN .. .. .	{ Messrs. Siemens Bros.' Dynamo Works, Caxton House, Westminster, S.W.
1912.	JARVIE, WILLIAM MUIRHEAD	{ Engineering Dept., Messrs. Behn Meyer & Co., 100 Robinson Rd., Singapore, Straits Settlements.
1902.	{ JAYAWARDENA, THEODORE GOD- FREID WIJESINGHE .. .. }	{ Turret House, Colombo, Ceylon.
1903.	JEFF, WILLIAM .. .. .	{ Messrs. Edgar Allen & Co., Machinery Department, Tinsley, Sheffield.
1912.	JEFFERISS, HAROLD EDWARD	{ Messrs. Tangyes, Cornwall Works, Scho, Birmingham.
1914.	JEFFERSON, HERBERT FERRIER	{ Supt. Eng., Messrs. W. B. Morgan & Co., 2217 1st Avenue West, Kitsilano, Vancouver, B.C.
1913.	JEFFERY, CHARLES FRANCIS	{ Tirhoot Planters Club, B. & N. W. Rly., Mozufferpore, India.
1906. G. } 1910. A.M. }	JEFFREYS, HERBERT WILLIAM JAMES .. .. .	{ Messrs. William Warne and Co., India Rubber Mills, Barking.
1901.	{ JEFFREYS, RICHARD RICE VESEY .. .. .	{ P.O. Box 105, Bulawayo, Rhodesia, S. Africa.
1913.	JELBERT, WILLIAM .. .. .	{ Basset Mines, Redruth.
1910. G. } 1913. A.M. }	JENKINS, DONALD NISBET ..	{ Arfryn, Morriston, Glam.
1901. G. } 1905. A.M. }	JENKINS, EDGAR JACKSON ..	{ Manager, Masborough Boiler Works, Rotherham.
1914.	JENKINS, WILLIAM LIONEL ..	{ County Eng. and Surveyor, West Suffolk County Council, Shire Hall, Bury St. Edmund's.

Date of Election.

1911.	JENNINGS, WILLIAM FREDERICK	Messrs. Montague Sharpe and Co., St. John's House, Minories, E.
1910.	{ JESSON, GEORGE ARTHUR TOUCHET .. .. . }	Endsley, Swinton, Manchester.
1903.	JEWSON, HERBERT .. .. .	Works Manager, Messrs. Hobbies, Dereham.
1910.	JEYES, CHARLES FREDERICK ..	Elm House, Kingsbury Rd., Erdington, Birmingham.
1913.	{ JINASENA, COLOMBEPATABEN- DEGE .. .. . }	Messrs. C. Jinasena & Co., 7 Hunupitiya Rd., Slave Island, Colombo, Ceylon.
1906.	JOB, NORRIS HENRY .. .. .	Messrs. Head, Wrightson & Co., Teesdale Iron Works, Thornaby-on-Tees.
1910.	{ JOHNS, THOMAS MACDUFF MACKELCAN .. .. . }	41 George St., Plymouth.
1914.	{ JOHNSON, ALBA BOARDMAN, Jun. .. .. . }	Baldwin Locomotive Works, 34 Victoria St., Westminster, S.W.
1912.	JOHNSON, ARNOLD ROBERT ..	Res. Eng., Penang Hills Rly., Penang, Straits Settlements.
1911. G. 1914. A.M. }	JOHNSON, ARTHUR .. .. .	22 Dolman Rd., Aston Manor, Birmingham.
1907.	JOHNSON, BURDETT ROBERT ..	Tennyson Avenue, King's Lynn.
1911.	JOHNSON, ERNEST VICTOR ..	Messrs. W. V. Waite & Co., Alpha Works, Taffs Well, Cardiff.
1910.	JOHNSON, FRANCIS .. .. .	c/o General Delivery, Post Office, Camden, New Jersey, U.S.
1903.	JOHNSON, FRANCIS WILLIAM	40 Kings Road, Leytonstone, N.E.
1902.	{ JOHNSON, FREDERICK AUGUS- TUS .. .. . }	Castleton Foundry and Engineering Works, Armley Rd., Leeds.
1908.	{ JOHNSON, FREDERICK SAMUEL LOVICK .. .. . }	Manager and Eng., Piplagool Estates, Chandkhira P.O., Sylhet, Assam, India.
1897.	JOHNSON, GEORGE .. .. .	P.O. Box 224, Bulawayo, Rhodesia, S. Africa.
1910.	JOHNSON, HERBERT HENRY ..	35 and 36 Bedford St., Strand, W.C.
1911.	JOHNSON, HERBERT WILLIAM	Providence Foundry, Pocket Nook, St. Helens, Lanes.
1903.	JOHNSON, JAMES .. .. .	Assist. Loco. Supt., Burma Rlys., Rangoon, Burma.
1906.	JOHNSON, PERCY STUART ..	Brades Steel Works, near Birmingham.
1902.	JOHNSON, PHILIP HENRY ..	Messrs. John Fowler & Co., Canada Building, Bombay.
1894. G. 1893. A.M. }	JOHNSON, WALTER WROE ..	Castleton Foundry and Engineering Works, Armley Rd., Leeds.
1912.	{ JOHNSTON, ALEXANDER DAVID- SON, Jun. .. .. . }	Messrs. Henry Simon, 20 Mount Street, Manchester.
1902.	JOHNSTON, LEONARD .. .. .	Genl. Manager, Corpn. Tramways, 161 Above Bar, Southampton.
1913.	JOHNSTON, WILLIAM ARTHUR	174 Heaton Park Road, Heaton, Newcastle-on-Tyne.
1903.	{ JOLLIFFE, CHRISTOPHER HUBERT .. .. . }	Roath, San Sebastian Hill, Colombo, Ceylon.
1913.	JOLLY, JOHN BEARDWOOD ..	9 High Street, Chorley, Lanes.
1910.	JONES, ARTHUR REDWALD ..	Works Manager, c/o James Gray, Danvers St., Chelsea, S.W.

Date of Election.

1903.	JONES, CHARLES .. .. .	{ Chief Electrical Eng., Metropolitan Rly., Power Stn., Neasden, N.W.
1909.	JONES, CHARLES HAROLD ..	{ The Motor House, Peebles.
1900.	JONES, FRANK HARDING ..	{ Housham Tye, Harlow.
1906.	{ JONES, GEORGE ROBERT WIL- LIAMSON .. .. .	{ Great Western of Brazil Railway, Pernambuco, Brazil.
1913.	JONES, JAMES CHARLES ..	{ 2 Poplar Avenue, Sandwich.
1911.	JONES, JOHN ELLIS .. .. .	{ Green Bank, Katary, Nilgiris, Madras.
1907.	{ JONES, JOHN WALLACE LIVING- STONE .. .. .	{ Baltic Chambers, 50 Wellington St., Glasgow.
1902.	JONES, LAURENCE ALBAN ..	{ King's Court, Colmore Row, Birmingham. [ <i>Tamar, Birmingham.</i> ]
1914.	JONES, LEONARD WILLIAM ..	{ Messrs. Robey & Co., Lincoln.
1911.	JONES, REUBEN .. .. .	{ Messrs. Bartle & Co., P.O. Box 2466, Johannesburg, Transvaal.
1901.	JONES, SAMUEL DAWSON ..	{ Field House, Goscote, Walsall.
1904.	JONES, SAMUEL DERWEN ..	{ Oakenroyde, Carlinghow Hill, Batley.
1900.	JONES, STANLEY HUNTER ..	{ Commercial Gas Works, Stepney, E.
1906.	JONES, STANLEY PETERS ..	{ Supt., Liverpool Hydraulic Power Co., 123 Athol St., Liverpool.
1913.	JONES, STANLEY WALTER ..	{ Steel Construction Co., Auckland, New Zealand.
1901.	JONES, WILLIAM EDWIN ..	{ 114 Gosberton Rd., Wandsworth Common, S.W.
1907.	JORDAN, CECIL WILLIAM ..	{ Ashfield, Penline Rd., Whitchurch, Cardiff.
1900. G. } 1903. A.M. }	JOSSELYN, EDWARD .. .. .	{ Messrs. A. Ransome & Co., Stanley Works, Newark. [ <i>Newark 119.</i> ]
1913.	JOYCE, PERCY .. .. .	{ c/o M. Mulligan, 205 Bolton Rd., Walkden, Manchester.
1902.	JUKES, JOSEPH WILLIAM ..	{ Messrs. Geo. Bray & Co., Leeds.
1912.	JUPP, WILLIAM DALLAS LONY	{ Ferro Carril de Antofagasta à Bolivia, Antofagasta, Chile.
1909.	JURES, WILLIAM JOHN .. ..	{ United Legal Indemnity Insurance Society, 3 Cross St., Manchester.
1911.	KAVANAGH, CHARLES JOSEPH	{ 20 Grove Park Gardens, Chiswick, W.
1904.	KAY, BRUNEL .. .. .	{ Broken Hill Chbrs., 31 Queen St., Melbourne, Victoria.
1914.	KAY, CHARLES HERBERT ..	{ Messrs. Easton and Johnson, Taunton.
1911.	KAY, JOHN DUNCANSON .. ..	{ Inspector of Steam Boilers and Machinery, New Westminster, British Columbia.

Date of Election.

1914.	KAYE, HERBERT .. .. .	Heriot-Watt College, Edinburgh.
1902.	KEABLE, ALFRED HENRY ..	Messrs. M. Samuel & Co., Dairen, S. Manchuria, China.
1912.	KEEGAN, GEORGE HAMILTON	Midland Engineering Co., Middleburg, Cape Colony.
1905.	KEEVILL, ROBERT GRAHAM ..	Works Dept., Block IV., Admiralty, S.W.
1909.	{ KELLAR, JAMES DODDS BALLAN- TYNE .. .. .	Govt. Marine Surveyor's Office, Singapore, Straits Settlements.
1908.	KEMP, ALFRED VINCENT ..	36 Diamond Street, Saltburn-by-the-Sea.
1912.	KEMP, ERNEST.. .. .	70 Canford Road, Clapham Common, S.W.
1905.	KEMP, HERBERT JOHN .. ..	4 Well Road, Hampstead, N.W.
1899.	{ KEMPT, Eng. Commander ALFRED RODNEY, R.N. .. }	13 Downs Rd., Clapton, N.E.
1912.	KENDAL, ARTHUR BARNHART	Works Manager, Capewell Horse Nail Co., Hadley, Wellington, Shropshire.
1904. G.) 1912. A.M.)	KENDALL, ALFRED HAROLD ..	46 Cambridge Road, King's Heath, Birmingham.
1912.	KENDALL, RICHARD .. ..	Stroon, Lightburne Avenue, Ulverston.
1912.	KENNEDY, ALBERT VINCENT	Messrs. Stothert & Pitt, Newark Foundry, Bath.
1905.	KENNEDY, JAMES ALEXANDER	Langla Tea Co., Langla P.O., S. Sylhet, India.
1913.	KENNEDY, STUART SAMUEL ..	Eng. and Manager, F.I.A.T. Motors, Wembley, Middx.
1905.	KENNEDY, WILLIAM.. .. .	Messrs. Smith and Kennedy, Aberdeen.
1898. G.) 1901. A.M.)	KENRICK, ARCHIBALD, Jun. ..	49 Fountain Rd., Edgbaston, Birmingham.
1908. G.) 1912. A.M.)	KENT-NORRIS, HENRY, Jun.	Works Manager, Eagle Iron Works, Newbury, Berks.
1905.	KERR, PETER WYLLIE .. ..	15 Ravensdale Mansions, Crouch End, N.
1912.	KERR, ROBERT PRICE .. ..	The Fullagar Engine Ltd., South Shore Road, Gateshead.
1904.	KERR, WILLIAM SCOTT .. ..	36 Belgrave Road, Ilford.
1900.	KERSEY, ALFRED THOMAS JOHN	Municipal Technical College, Park Street, Hull.
1899.	KERSHAW, GRINDROD .. ..	Rochdale Munic. Technical School, Nelson St., Rochdale.
1911.	KERSHAW, HAROLD.. .. .	Avoka, Beddington Grove, Wallington, Surrey.
1897.	KETLEY, CHARLES BOSWORTH	128 Colmore Row, Birmingham. [ <i>Invent, Birmingham. 1182.</i> ]
1906.	KETTELWELL, HARRY MASON	Messrs. William Bradford & Sons, Carlton Chbrs., 12 Regent St., S.W.
1914.	{ KETTLE, CHARLES HENRY POWELL .. .. .	Calcutta Tramways Co., 188 Lower Circular Rd., Calcutta.
1912.	KEWLEY, FREDERICK ERNEST	Bristol Engineering Co., Fishponds, Bristol.
1904.	{ KHALIL, Commander IBRAHIM, I.O.N. .. .. .	Dockyard Office, Imperial Naval Arsenal, Constantinople,

Date of Election.

1912.	KIBBLER, HOWARD .. .. .	{ East Ferry Road Engineering Works, Millwall, E.
1906.	KIDNER, ALFRED EGERTON ..	{ Messrs. Turnbull & Jones, 19-23 Blair St., Wellington, New Zealand.
1907.	KIMMINS, EDWARD RUSSELL..	{ Dudbridge Iron Works, Stroud, Glos.
1907.	{ KING, PROFESSOR CHARLES ALBERT .. .. .	{ Civil Engineering College, Sibpur, Calcutta, India.
1910.	KING, HAROLD CHARLES ..	{ Craigness, Ditton Rd., Surbiton, Surrey.
1904. G.)	KING, HORACE HENRY .. ..	Melrose, Launceston.
1911. A.M.)		
1906.	KINGHORN, DAVID MORGAN ..	{ Chief Eng., Boro' of Southwark Electricity Works, Penrose St., Walworth, S.E.
1912.	KINGSTON, CHARLES SYDNEY	{ Messrs. Glenfield and Kennedy, Kilmarnock.
1905.	KIRBY, EDWARD JAMES .. ..	{ Messrs. J. & P. Coats, 50 Bothwell St., Glasgow.
1912.	KIRBY, JOSEPH PEARSON ..	{ 99 Horton Grange Road, Bradford.
1893.	KIRK, PERCY ROEBUCK .. ..	{ Principal, Hackney Institute, Dalston Lane, N.E.
1914.	KIRKBY, ROBERT .. .. .	{ Gun and Shell Factory, Ishapur, India.
1909.	KIRKMAN, PERCY DOBSON ..	{ 9 Nicolas Road, Chorlton-cum-Hardy, Manchester.
1902. G.)	KIRLEW, RICHARD LEOPOLD, Jun. .. .. .	{ 8 College Road, Winchmore Hill, N.
1905. A.M.)		
1910.	{ KISCH, ELLIS ABRAHAM DAVIDSON .. .. .	{ Ailsa Craig Motor Co., Strand-on-the-Green, Chiswick, W.
1911.	{ KISLINGBURY, JOHN WILLIAM ALLEN .. .. .	{ Loco. Dept., G. W. Rly., Stafford Rd., Wolverhampton.
1913.	KITCHENER, HENRY THORNTON	{ Hydraulic Engineering Co., Palace Chambers, 9 Bridge St., Westminster, S.W.
1901.	KITCHIN, JOHN WILLIAM ..	{ 9 Rue Louis le Grand, Paris.
1904.	KITCHIN, WILLIAM ARCHIBALD	{ B'ham. & Midland Tramways Joint Committee, Power Station, Downing Street, Smethwick, Staffs.
1913. *	KITCHING, JOHN, JUN. .. ..	{ Oaklands, Queen's Rd., Kingston Hill, Kingston-on-Thames.
1914.	KNIGHT, GEORGE ERNEST ..	{ Cuba Railroad Co., Camagüey, Cuba.
1906.	KNIGHT, STEPHENSON YATES..	{ Highmead, Llanishen, Cardiff.
1908.	KNIGHTS, HENRY NEWTON ..	{ 19 St. Dunstan's Hill, E.C.
1910.	{ KNOTT, Eng. Lieut. BERTRAM WILLIAM, R.N. .. .. .	{ 21 Pinfold Road, Streatham, S.W.
1903.	KNOWLES, GEORGE STANLEY..	{ 57 Victoria Rd., Tientsin, China.
1903. G.)	KNOWLES, GUY JOHN FENTON	Park Lodge, Albert Gate, S.W.
1905. A.M.)		
1914.	KNOWLES, JOHN PHILLIPS ..	{ Works Manager, Messrs. Mather and Platt, Salford Iron Works, Manchester.
1905.	KNOX, ROBERT .. .. .	{ 199 Meadowpark St., Dennistoun Glasgow.
1913.	KNOX, ROBERT GRAHAM ..	{ 13 Ilchester Street, Belfast.

Date of Election.

1912.	KOHLER, FREDERIC .. ..	{ Suptg. Eng., Messrs. Volkart Brothers, Bombay, India.
1907.	KYLE, ROBERT ARCHIBALD ..	{ Oficina de Traccion, F. C. B. A. al Pacífico, Florida esq. Cordoba Buenos Aires, Arg. Rep.
1905. G.) 1911. A.M.)	LACEY, ONWARD BAYES .. ..	{ Assist. Loco. Supt., North Western Rly., Lahore, Punjab, India.
1907.	LACK, CHARLES TIBBIT .. ..	{ Chief Eng., Messrs. Chivers, The Factory, Histon, Cambridge.
1908.	{ LAGRANGE, FREDERIC ALEX- ANDER .. .. .. .	{ Martinez F. C. C. A., Buenos Aires, Argentine Republic.
1902. G.) 1909. A.M.)	LAIRD, ANDREW OSWALD .. ..	{ Resident Engineer, Tilbury Docks, Essex.
1902. G.) 1905. A.M.)	LAIRD, STANLEY MORRISON ..	{ 49 Lilybank Gardens, Hillhead, Glasgow.
1907.	LAITY, HARRY THOMPSON ..	{ P.O. Box 4132, Johannesburg, Transvaal.
1904.	LAKE, HENRY BARKER .. ..	{ Crown Chemical Works, Three Mill Lane, Bromley-by-Bow, E.
1903.	LAMB, SIDNEY ERNEST .. ..	{ University College, Auckland, N.Z.
1907.	LAMBERT, ANTHONY POIGNAND	{ Res. Eng., Port of London Authority, New Works, 1 West Pierhead, Wapping, E.
1911.	LAMBERT, CHARLES .. .. .	{ 45 Kenwood Rd., Stretford, Man- chester.
1906.	LAMBERT, JAMES GRAHAM ..	{ Gillette Safety Razor Co., St. Saviour's Rd. East, Leicester.
1912.	LAMBOURNE, ALBERT .. ..	{ 99 Addison Rd., Hove, Brighton.
1907.	LANCASTER, EDWARD HENRY	{ 4 Sackville St., W. [ <i>Lancamoto, Piccy, London. Gerrard 7919.</i> ]
1909.	LANCASTER, SIDNEY DAVID ..	{ Messrs. Hunter and English, 202 Bow Road, E.
1906.	LANDER, ALBERT JESSE .. ..	{ Middx. County Tramways & Light Rlys., Guildhall, Westminster, S.W.
1908.	LANDER, CECIL HOWARD ..	{ Victoria University, Manchester.
1913.	LANDON, RALPH WHITTINGTON	{ Messrs. Crossley Brothers, Open- shaw, Manchester.
1906.	LANDSTEIN, JOSEPH .. .. .	{ 110 Queen's Rd., Bayswater, W.
1909.	LANE, ARTHUR .. .. .	{ Govt. Fire Station, Queen's Road, Hong Kong, China.
1905. G.) 1910. A.M.)	LANE, HARRY JOSEPH .. ..	{ Works Manager, Messrs. J. J. Lane, Phoenix Engine Works, Cran- brook St., Old Ford Rd., E.
1904.	LANE, NORMAN AUGUSTUS ..	{ Central House, 75 New St., Birmingham.
1908. G.) 1911. A.M.)	LANGDON, DOUGLAS ECKLEY ..	{ Traccion y Talleres, F. C. B. A. al Pacífico, Junin, Arg. Rep.
1898. G.) 1904. A.M.)	LANGDON, HAROLD ARTHUR WILLIAM .. .. .	{ c/o Messrs. Boulton & Co., Puerto Cabello, Venezuela.

Date of Election.

1904.		LANGLEY, GEORGE .. .. .	49 Bromham Rd., Bedford.
1910.		LANGTON, AUBREY RICHARD ..	Nutley, Somers Road, Reigate. (Messrs. John I. Thornycroft & Co., Caxton House, Westminster, S.W.)
1912.		{ LANGTON, STEPHEN WICKHAM BARTLETT .. .. .	{
1905.		LARKE, WILLIAM JAMES ..	71 Hillmorton Road, Rugby.
1901.		LARKIN, FREDERICK STANLEY	{ Gas Light and Coke Works, 35 Harwood Tce., Fulham, S.W.
1913.		LARKIN, GEORGE FREDERICK	{ Bowden Wire Ltd., 37-41 Pratt Street, Camden Town, N.W.
1897.		LARMUTH, JOHN HAMILTON ..	{ Todleben Iron Works, Unwin St., Cross Lane, Salford, Manchester; and 5 Stanley Rd., Irlams-o'- th'-Height, Manchester.
1913.		LATHAM, ERNEST .. .. .	{ 38 Victoria St., Westminster, S.W. [Civengite, Vic, London. Victoria 7168.]
1912.	G.	LAUDER, ROBERT BRUCE	{ British Westinghouse Co., Trafford Park, Manchester.
1914.	A.M.	DOUGLAS .. .. .	{
1909.	G.	LAWFORD, ARTHUR NIVEN ..	{ Polygon Barracks, Abbasia, Cairo, Egypt.
1912.	A.M.		{
1906.		LAWRENCE, HENRY PERCY ..	{ Messrs. James Pollock, Sons & Co., 3 Lloyd's Avenue, E.C.
1912.		{ LAWRENCE, JOHN JAMES RUT- TER .. .. .	{ 4414 St. Lawrence Avenue, Chicago, Ill., U.S.
1905.		LAWSON, FRANCIS MALCOLM ..	{ Messrs. Hans Renold, 86 St. Vincent St., Glasgow.
1905.		{ LAWSON, JOHN CHARLES STAVELEY .. .. .	{ P.O. Box 1362, Post Office, Mon- treal, Canada.
1902.		LAWSON, WILLIAM .. .. .	{ Rosedale, Cambridge Rd., Lin- thorpe, Middlesbrough.
1912.		LAWTON, RALPH WALDO ..	{ 10 Clive St., Calcutta, India.
1913.	G.	LAYARD, ARTHUR RAYMOND ..	{ Messrs. Layard Bros. and Swan, Deep Cove, N. Saanich, British Columbia.
1914.	A.M.		{
1913.		LAYCOCK, WILLIAM ERNEST	{ Managing Director, Victoria Works, Millhouses, Sheffield.
1893.		LEA, ARTHUR HENRY .. ..	{ Messrs. Lea & Warren, Ket- tering.
1912.		LEA, JAMES THOMAS .. ..	{ Messrs. Gilbert Hamer & Co., P.O. Box 301, Durban, Natal.
1913.		LEACH, BERNARD HARRY ..	{ Les Chantiers de France, Dunkirk, France.
1910.		LEACH, HARRY .. .. .	{ Kessingland, South Road, Southall.
1906.		LEACH, RICHARD BERTRAM ..	{ Electl. Eng. and Tramways Man- ager, Heywood.
1902.		LEACH, ROBERT WILLIAM ..	{ 9 Avondale Road, Wolverhampton. [851.]
1912.		LEADBEATER, WILLIAM .. ..	{ Messrs. Marshall, Sons & Co., Britannia Iron Works, Gains- borough.
1903.		LEAN, CLEMENT .. .. .	{ Thanet House, Temple Bar, W.C.
1913.		LEE, GEORGE ALLEN .. ..	{ Bluff Harbour Board, P.O. Box 1, Bluff, Southland, New Zealand.
1905.		LEE, HORACE PELHAM .. ..	{ Coventry Simplex Engines Ltd., Paynes' Lane Works, Coventry.
1912.		LEE, JESSE JAMES .. .. .	{ Messrs. Marshall, Sons & Co., Britannia Iron Works, Gains- borough.



## Date of Election.

1905.	LEE, WILLIAM HAROLD .. ..	Wymondham, Hythe.
1912.	LEEK, ALBERT EDWARD .. ..	8 Brayton Road, Selby.
1909.	LEES, CHRISTOPHER JOHN .. ..	Electl. Engr's Office, 4th floor, 61 Hunter St., Sydney, N.S.W.
1909.	LEEVERS, FREDERIC WILLIAM	Winthorpe House, Regent Street, Rugby.
1913.	LEFROY, CHARLES EDWIN .. ..	The Firs, Barnstaple.
1906.	LEGGAT, JOHN .. .. .	Airdrie, Ashcroft Road, Darling- ton.
1913.	LEIGHTON, LEOPOLD .. ..	Engineer's Dept., Dock Office, Liverpool.
1912.	{ LE PLA, FREDERICK GWILYM ROBERTSON .. .. .	Lamberts Ltd., Nairobi, British East Africa.
1914.	LERESCHE, PERCY .. .. .	24 Temple Drive, Swinton, Man- chester.
1912.	LESLIE-BREDÉE, GIACOMO .. ..	Messrs. James Simpson & Co., 10 Clive St., Calcutta, India.
1904. G.) 1913. A.M.)	{ LESTER, WILLIAM HENRY DAL- GLEISH .. .. .	Eng. and Manager, Newbury Dist. Water Co., Market Street, New- bury.
1902.	LEWENZ, HENRY IVAN .. ..	33 Belsize Avenue, Hampstead, N.W.
1903.	LEWIS, JOHN .. .. .	Norwich Union Fire Insee. Co., 50 Fleet Street, E.C.
1906.	LEWIS, PAUL ALEXANDER .. ..	Kelowna, British Columbia.
1904.	LEWIS, WILLIAM YORATH .. ..	Manag. Director, British Niclausse Boiler Co., Caxton House, Tothill St., Westminster, S.W.
1903.	LEWIS-DALE, HENRY ANGLEWY	Works Dept., H.M. Dockyard, Chatham.
1903. G.) 1905. A.M.)	{ LIDBETTER, CHARLES FRED- ERICK .. .. .	Redcot, Crockford Park Road, Addlestone, Surrey.
1902.	LIDDELL, GUY .. .. .	17 Moscow Court, W.
1902. G.) 1911. A.M.)	{ LIGHTFOOT, KENNETH .. ..	Linde British Refrigeration Co., 35 Queen Victoria St., E.C.
1909.	LINDOP, WILLIAM .. .. .	155 Tividale Road, Burnt Tree, Tipton.
1904.	LINDSAY, HENRY .. .. .	40 Silverhill Rd., Bradford.
1901.	LINDSAY, The Hon. WALTER ..	2 Cavendish Sq., W.
1914.	LINDSAY, WILLIAM .. .. .	Nova Scotia Steel and Coal Co., Wabana, Newfoundland.
1913.	LINDSAY, WILLIAM JAMES .. ..	Camden Iron Works, Camden, N.J., U.S.
1902.	LINDSEY-BADCOCK, WILLIAM ..	Eng. and Traffic Supt., Mid- Suffolk Light Rly., Laxfield, Suffolk.
1902.	LINSCOTT, ARTHUR BURROW ..	P.O. Box 4013, Johannesburg, Transvaal.
1904.	LISHMAN, JOHN JAMES .. ..	17 Leigham St., The Hoe, Ply- mouth.
1903.	LISTER, ARTHUR JAMES .. ..	29 Barrett Rd., Birkdale, B.O., Southport.
1903.	LISTER, JOHN EDWARD .. ..	Messrs. W. J. Jenkins & Co., 15 Victoria Street, Westminster, S.W.
1906.	LITHGOE, JOHN .. .. .	Messrs. Royce, Ltd., Trafford Park, Manchester.
1903.	LITTLEJOHN, WILLIAM JOHN	7 Proclamation St., Subiaco, Western Australia.

Date of Election.

1908.	LIVERMORE, ALFRED ERNEST	{ Messrs. Spillers and Bakers, Red-cliff Back, Bristol.
1911.	LLOYD, CHARLES .. .. .	{ 16 Woodridings Avenue, Hatch End, Middlesex.
1904. G. } 1913. A.M. }	LLOYD, GEORGE WILMOT ..	{ Asst. Loco. Supt., N.W. Rly., Lahore, India.
1904. G. } 1910. A.M. }	LLOYD, WILLIAM EDWARD ..	{ Auckland, Warwick's Bench Road, Guildford.
1907.	LOADER, JAMES FREDERICK ..	{ Messrs. Fred Wilson & Co., 41 Urbiztondo, Manila, Philippine Islands.
1910.	LOCKWOOD-BUNCE, THOMAS ..	{ 19 Catharine St., Liverpool. [ <i>Royal</i> 5073.]
1913.	LOEWE, DAVID LUDWIG ..	{ Messrs. Arnhold, Karberg & Co., Shanghai, China.
1912.	LOFTHOUSE, WILLIAM .. ..	{ The Crofts, Horbury, Wakefield.
1913.	LOGIE, DAVID GARFIELD ..	{ 25 Thornycroft Street, Birkenhead.
1910.	LOMAS, GEORGE ALBERT ..	{ Genl. Manager, Engineering Works, Thirsk.
1909.	LOMAX, SAMUEL .. .. .	{ High Road, Woodford, N.E.
1913.	LONDON, ARTHUR GEOFFREY	{ Messrs. Lacy-Hulbert & Co., Boreas Works, Beddington, Croydon.
1903.	{ LONDON, WILLIAM JAMES ALBERT .. .. .	{ Terry Steam Turbine Co., 223 State St., Hartford, Conn., U.S.
1909.	{ LONGHURST, HENRY ALEX- ANDER .. .. .	{ Bethune House, 1 Bethune Rd., Stoke Newington, N.
1903.	LONGLAND, WALTER, B.Sc. ...	{ Northampton Institute, Clerkenwell, E.C.
1912.	LONGSDON, HENRY SERLE ..	{ Messrs. Summerscales, Phoenix House, Dacre St., Westminster, S.W.
1905.	LONGWORTH, ALFRED EDGAR	{ Messrs. Alcock, Ashdown & Co., Mazagon, Bombay.
1906.	LORD, FRANK .. .. .	{ Technical Institute, Keighley.
1914.	{ LORD, Eng. Lieut. GEORGE STOAT DUNCAN, R.N., ret.	{ 60 Flanders Mansions, Bedford Park, Chiswick, W.
1911.	LOVE, THOMAS EVAN .. ..	{ Messrs. Harrisons & Crosfield, Quilon, Travancore, S. India.
1896.	LOVELL, SAMUEL GEORGE ..	{ Stickney, Boston.
1903.	LOVERIDGE, ARTHUR WALTER	{ The Municipal College, Portsmouth.
1914.	LOWE, CHARLES JAMES .. ..	{ Suptg. Eng., Indo-Burma Petroleum Co. (Steel Bros.), Rangoon, British Burma.
1908.	LOWER, RICHARD ANTHONY ..	{ Corpn. Electricity Dept., Duke St., Norwich.
1908. G. } 1913. A.M. }	LOXDALE, JAMES JOSEPH HUGH	{ A. O. Dept., Haulbowline, Queens-town.
1911.	LOZINSKI, CESAR .. .. .	{ Zórawia 26, Warsaw, Russian Poland.
1904.	LUKE, RICHARD MONTAGUE ..	{ 9 Princess Square, Plymouth.
1909.	LUMB, LEVI .. .. .	{ Messrs. James Lumb & Sons, Perseverance Works, Elland.
1898.	LUND, JOHN .. .. .	{ Messrs. Korting Bros., 53 Victoria St., Westminster, S.W.
1900. G. } 1902. A.M. }	LUPTON, NORMAN DARNTON ..	{ Messrs. Joshua Buckton & Co., Well House Foundry, Meadow Rd., Leeds.

Date of Election.

1912.	{	LYDALL, CHARLES HAW-	{	Messrs. Merz and McLellan, Col- lingwood Bldgs., Newcastle-on- Tyne.
		THORNE .. .. .		
1901.		LYDDON, GEORGE EDWARD ..	{	353 Eglinton Road, Woolwich, S.E.
1913.		LYNDEN-LESTER, ALFRED ..		
				40 Wineva Avenue, Toronto, Ont., Canada.
1904.		MACAULAY, JOHN .. .. .	{	Municipal Offices, Liverpool; and Arlosh House, Mersey Ave., Aigburth, Liverpool.
1907. G.)		MACAULAY, MAXWELL STAN-		
1913. A.M.)		LEY .. .. .		Commercial Bank Bldgs., Athens, Greece. [ <i>Mageco, Athens.</i> ]
1906.		MACAULEY, CHARLES RIDGEWAY	{	Lanston Monotype Corpn., 43 Fetter Lane, E.C.; and 17 Nevern Road, S. Kensington, S.W.
1907.		MCBRIDE, JAMES SCOTT ..		
1902.		MCCAFFERY, JAMES .. .. .	{	8 Merchant's Quay, Cork. Electrical Eng., H.M. Dockyard, Sheerness.
1912.		{		
		MCALLUM, WILLIAM ALEX-		Res. Eng., Calle Bolivar 292, Buenos Aires, Arg. Rep.
		ANDER .. .. .		General Electric Co. of N.Y., 83 Cannon St., E.C.
1908.		{		
		MCCARTHY-JONES, CHRISTO-		
		PHER HOWEL .. .. .		
1907.		MCCLELLAND, JAMES CRAIG ..	{	Farrington Engineering Co., 39 Victoria Street, Westminster, S.W.
1904.		MCCLELLAND, JOHN JAMES ..		
1909.		MACCORMAC, ROBERT SIDES ..	{	2 Hatfield House, Great Titchfield St., W.
1914.		MCCORMACK, ROBERT .. .. .		
1913.		MCCORMICK, JAMES .. .. .	{	Kelvedon, Longueville, Sydney, N.S.W.
1913.		MCCOURT, ERNEST FRANCIS ..		
1911.		MCCRAE, WILLIAM ANDREW ..	{	Dock Office, Hull. 45 Braxted Park, Streatham Common, S.W.
1914.		MCCREA, WILLIAM DONALD ..		
1912.		MCCRIE, BERTRAM .. .. .	{	Ministry of Public Works, Cairo Main Drainage Dept., Cairo, Egypt.
1901.		{		
		MACCURRACH, DOUGLAS COCH-		Messrs. Waugh and Josephson, Goulburn St., Sydney, N.S.W.
		RANE .. .. .		14 Westbourne Crescent, Bays- water, W.
1900. G.)		MCDEERMOTT, HUGH .. .. .	{	Queen Anne's Chambers, West- minster, S.W.
1904. A.M.)				
1908.		MACDONALD, JOHN RANALD ..	{	1 Broadgates Road, Wandsworth Common, S.W.
1905. G.)				
1909. A.M.)		MCDONALD, NEIL .. .. .		P.O. Box 500, Bulawayo, Rho- desia.
				Messrs. S. Pearson & Son, Valpa- raiso Harbour Works, Valparaiso, Chile.

Date of Election.			
1901.	G.}	MCDONALD, WILLIAM .. ..	{1139-42 First National Bank Bldg., Chicago, Ill., U.S.
1903.	A.M.}		
1907.		MACFARLANE, JAMES BROCK ..	{Messrs. R. Wolf, 7 Laurence Pount- ney Hill, Cannon St., E.C.
1912.		{MCFEE, WILLIAM MORLEY PUNSHON .. .. .}	{4 Grove Road, New Southgate, N.
1910.		MACFIE, WILLIAM LESLIE ..	{221 Fosse Road North, Leicester.
1894.		McGEORGE, JAMES .. .. .	{c/o Messrs. Henry S. King & Co., 65 Cornhill, E.C.
1902.		McGHEE, ALEXANDER .. ..	{26 Ingledew Crescent, Roundhay, Leeds.
1911.		McGILL, THOMAS .. .. .	{Messrs. Edward Wood and Co., Ocean Iron Works, Manchester.
1904.		McGOWN, ROGERS .. .. .	{8 Charles St., Livesey St., Manches- ter. [2575.]
1897.	G.}	McGREGOR, JOHN .. .. .	{Messrs. Murray and Paterson, Coatbank Engine Works, Coat- bridge.
1898.	A.M.}		
1905.		MACGREGOR, JOSIAH, Jun. ..	{The Motories Ltd., Field St., Durban, Natal.
1904.		McGREGOR, WALTER .. ..	{Genl. Manager, Central Baths, West Protection Wall, Dundee.
1912.		{MACGUCKIN, CHARLES JOHN GRAHAME .. .. .}	{Sir W. G. Armstrong, Whitworth & Co., Elswick Works, New- castle-on-Tyne.
1906.		McINTYRE, CHARLES .. ..	{Loco. Supt., Fazenda Dumont, Ribeirão, Preto, São Paulo, Brazil.
1904.		McJERROW, THOMAS .. ..	{Ashanti Goldfields Corpn., Obuassi, Sekondi, Gold Coast Colony.
1901.		MACKAIL, JOHN HENDERSON ..	{Municipal Electrical Eng., Singa- pore, Straits Settlements.
1903.		{MACKAY, HARRY JOHN SUTHER- LAND .. .. .}	{Stirling Boiler Co., 54 Victoria St., Westminster, S.W.
1911.		McKAY, ROBERT FERRIER ..	{Central Technical College, Exhibi- tion Road, South Kensington, S.W.
1914.		McKEE, NEAL TRIMBLE ..	{Locomotive Superheater Co., 30 Church St., New York, U.S.
1909.		{MACKELLAR, ERNEST CAMP- BELL .. .. .}	{40 Heath Drive, Gidea Park, Essex.
1912.		MACKENZIE, GEORGE SAMUEL	{Eng. Surveyor, United Legal In- demnity Insurance Society, 222- 225 Strand, W.C.
1910.		{MACKENZIE, KENNETH LEO- NARD .. .. .}	{Broken Hill Proprietary Co., Iron & Steel Works, Newcastle, New South Wales.
1913.		McKENZIE, NORMAN .. ..	{4 Union Place, Montrose.
1913.		{MACKENZIE, ROBERT ARCHI- BALD .. .. .}	{Messrs. Bulloch Brothers & Co., Poozoondoung Foundry, Ran- goon, British Burma.
1901.		McKERLIE, JAMES .. .. .	{Corchera Internacional, Palamos, Prov. of Gerona, Spain.
1906.	G.}	MACKIE, RONALD HASTINGS ..	Mandalay, Burma, India.
1908.	A.M.}		
1909.		MACKIE, TOM DARKE .. ..	{The Manor House, Penn, High Wycombe.
1907.	G.}	McKINNON, ALISTER .. ..	Binghill, Murtle, Aberdeen.
1912.	A.M.}		

## Date of Election.

1907.	MACKINTOSH, DONALD GRANT	{ Ryecroft, Boswell Rd., Sutton Coldfield, Birmingham.
1914.	MACKINTOSH, JAMES .. ..	{ Trent Canal Office, Campbellford, Ont., Canada.
1909.	MACKINTOSH, ROBERT DAVID	{ Messrs. Thomas Begbie & Co., P.O. Box 192, Middelburg, Transvaal.
1909.	MACKLEY, EDWARD NORMAN	{ Hawks Road, Gateshead. [ <i>Hylift, Gateshead.</i> 237.]
1911.	MCLAREN, HUGH .. ..	{ Victoriaborg, Accra, Gold Coast.
1908.	MCLAREN, WILLIAM DAVID ..	{ Thomason Civil Engineering College, Roorkee, U.P., India.
1913.	MACLEAN, ANDREW FRASER	{ Messrs. Henry Hope and Sons, 59 Berners St., Oxford St., W.
1907. G.)	MACLEAN, ERIC WANKLYN ..	{ Messrs. James J. Niven & Co., Auckland, New Zealand.
1914. A.M.)		
1914.	{ MACLEAN, GEORGE FITZ- WILLIAM STUART .. .. }	{ 174 Dundas Street, Dunedin, N.Z.
1910.	MACLEAN, WILLIAM EUSTACE	{ Messrs. Du Cane, Dutcher & Co., 911 Rogers Bldg., Vancouver, B.C.
1908.	MACLENNAN, HOPE VERE ..	{ Chief Mech. Eng., Kimberley Water Works, Kimberley, S. Africa.
1914.	MACLEOD, NEIL .. ..	{ 8 Garden Reach, Kidderpore, Calcutta.
1908.	{ MACLEOD - CAREY, ARTHUR WILLIAM JOSEPH .. .. }	{ 10 Fife Road, Darlington.
1910.	MCMAHON, JOHN FRANCIS ..	{ Metropolitan Rly., Neasden Works, Neasden, N.W.
1911.	McMILLAN, DUNCAN .. ..	{ South African College, Cape Town, Cape Colony.
1914.	MACNEE, KENNETH WILLIAM	{ Messrs. Mather & Platt, Park Works, Newton Heath, Manchester.
1906.	McNICOLL, WALTER .. ..	{ Shandon Place, 207 Albert Street, Dundee.
1908.	McPHERSON, JOHN .. ..	{ Oakdene, Downfield, Dundee.
1907.	MADDEN, HENRY DACRE ..	{ Grangetown Gas Works, Cardiff.
1909.	MAGGS, CHARLES JAMES ..	{ Chief Supt. Eng., Messrs. Sprotons, Georgetown, Demerara, British Guiana.
1913.	MAIN, GORDON WILLMOTT ..	{ Town Hall, Portsmouth.
1909.	MAITLAND, ALEXANDER ..	{ Burma Chamber of Commerce, P.O. Box 324, Rangoon, Burma.
1902. G.)	MAITLAND, DASCON JAMES ..	{ Melton Estate, Lindula, Ceylon.
1903. A.M.)		
1912.	{ MALAN, Eng. Lieut. LIONEL DE MÉRINDOL, R.N. .. .. }	{ H.M.S. "Victorious," c/o Postmaster General, E.C.
1905. G.)	MALLETT, ARTHUR HENRY ..	{ Eng., British Cigarette Co., Mukden, Manchuria.
1910. A.M.)		
1908.	{ MALLEY, CHRISTOPHER EDWIN ARTHUR HEWITSON .. .. }	{ 19 Lomond Rd., Edge Lane, Liverpool.
1913.	{ MALLOCK, ROGER CHAMPER- NOWNE .. .. }	{ Sir W. G. Armstrong, Whitworth & Co., 8 Great George St., Westminster, S.W.
1909. G.)	MALONE, PATRICK .. ..	{ Messrs. Alcock, Ashdown and Co., Mazagon, Bombay.
1911. A.M.)		
1904. G.)	MALTHUS, ROBERT .. ..	{ D.L.S. Bungalow, C. G. Rly., Anuradhapura, Ceylon.
1909. A.M.)		
1907. G.)	MALYON, FREDERICK WILSON	{ Waihi Gold Mining Co., Waihi, Auckland, New Zealand.
1913. A.M.)		

## Date of Election.

1905. G.}	MANFIELD, WALTER GUY ..	{	Marine Office, Govt. Dockyard, Bombay.
1910. A.M.)			
1906.	MANGOLD, CHARLES AUGUST ..	{	Messrs. Mangold Brothers, Port Elizabeth, Cape Colony.
1912. G.}	MANICO, EDWARD LESLIE ..	{	Dist. Carr. & Wagon Supt., N.W. State Rly., Sukkur, Sind, India.
1913. A.M.)			
1914.	{ MANINGTON, DOUGLAS CHARLES .. .. .	{	Traction Dept., Entre Rios Rail- ways, Calle Colonias 81, Parana, Entre Rios, Arg. Rep.
1904. G.}	MANISTY, HENRY SCOTT ..	{	40 Belsize Avenue, Hampstead, N.W.
1911. A.M.)			
1912.	MANLEY, EDWARD LOVELL ..	{	Sub-Divl. Office, Eastern Bengal State Railway, Saidpur, Bengal.
1912.	{ MANN, FREDERICK CYRIL DUNCOMBE .. .. .	{	Hayes, Kent.
1907.	{ MANN, Eng. Lieut. WILLIAM SELWYN, R.N. .. .. .	{	4 Barton Fields, Canterbury.
1908.	MANNING, ERNEST .. .. .	{	British Engine, Boiler and Elec- trical Insurance Co., 24 Fennel St., Manchester.
1901.	MANNOCK, JAMES JACKSON ..	{	14 Hampton Road, Blackpool.
1912. G.}	MANSELL, LAURENCE THOMAS	{	Asst. Loco. Supt., N.W. State Rly., Lahore, India.
1913. A.M.)			
1897. G.}	MANSFIELD, FRANK .. ..	{	34 Curzon Road, Prenton, Birken- head.
1904. A.M.)			
1899. G.}	MANSFIELD, OLIVER .. ..	{	P.O. Box 327, Bombay, India.
1907. A.M.)			
1894. G.}	MANSFIELD, WALTER .. ..	{	Creewood Bldgs., Brunswick St., Liverpool.
1897. A.M.)			
1908.	MANUEL, CECIL OSMOND ..	{	Manager, Burma Oil Co.'s Works, Budge Budge, Burma. <i>Via Cal- cutta.</i>
1911.	MARCH, HAROLD .. .. .	{	Messrs. Arnhold Karberg & Co., Hankow, China.
1911.	MARCHANT, HERBERT GEORGE	{	Board of Trade (Exhibitions Branch), India House, Kingsway, W.C.
1903.	MARPLES, STEPHEN ARNOLD ..	{	Gwydir Chambers, 104 High Hol- born, W.C. [ <i>Holborn 4994.</i> ]
1909.	MARR, JAMES .. .. .	{	Coke Oven Construction Co., 155 Norfolk St., Sheffield.
1905.	MARR, WILLIAM KAY .. ..	{	Chief Eng., Delta Barrage, Egypt.
1902.	MARRIAN, ARTHUR EDWARD ..	{	Director of Works Dept., Admiralty, Whitehall, S.W.
1899. G.}	MARSDEN, ALFRED .. .. .	{	3 Regent House, Wirttemberg St., Clapham, S.W.
1902. A.M.)			
1910.	MARSDEN, JAMES ROBINSON ..	{	Coal Distillation Co., 8 Albert Rd., Middlesbrough.
1904.	MARSDEN, WALTER .. .. .	{	Campbell Gas Engine Co., Kings- ton, Halifax.
1912.	MARSH, CLIFFORD LEWELLYN	{	Brockwood, Aberfan, Glam.
1907.	MARSHALL, ARTHUR GROTTJAN	{	Managing Director, British En- gineering Co. of Siberia, Centrai House, Kingsway, W.C.
1912.	MARSHALL, JOHN ALEXANDER	{	Messrs. George Fletcher & Co., 21 Mincing Lane, E.C.
1907.	{ MARSHALL, NUSSERWANJI MANECKSHAW .. .. .	{	Esplanade Rd., Bombay.

Date of Election.

1904.	MARSHALL, REGINALD .. ..	{ 182 Loughborough Rd., Brixton, S.W.
1908.	MARSHALL, ROLAND .. ..	{ Burgh Electrical Eng., Corpn. Electricity Works, Mill Street, Ayr.
1910.	MARSHALL, WEIR CHRISTIAN	{ Law Accident Insurance Society, City Chambers, Leeds.
1907.	{ MARSHALL, WILLIAM HENRY UPTON .. .. .	{ (Lieut., R.E. (T.)) Royal Engineers' Office, Weymouth.
1905.	MARSHALL, WILLIAM JOHNSTONE	{ St. Stephen's House, Westminster, S.W.
1911.	MARSLAND, FRANK .. .. .	{ B. B. & C. I. Rly., Beawar, Rajputana, India.
1908.	MARTIN, ERNEST .. .. .	{ 49 Stanwick Mansions, West Kensington, W.
1907.	MARTIN, FRANCIS .. .. .	{ Waterworks Eng., Cuckfield Rural District Council, Boltro Rd., Haywards Heath.
1910.	MARTIN, GEORGE WILLIAM ..	{ Atmospheric Steam Heating Co., 22 Broadway, Westminster, S.W.
1914.	MARTIN, ROBERT FRANCIS ..	{ Messrs. W. and T. Avery, 20 Bucklersbury, E.C.
1905.	MARTY, FEDERICO .. .. .	{ Gefe de Talleres, C. F. B. Aires y Quilmes, Quilmes (F.C.S.), Prov. B. Aires, Arg. Rep.
1902.	MASCALL, ARTHUR EDWARD ..	{ 109 Ashdell Road, Sheffield.
1913.	MASLIN, ERNEST SEBA .. ..	{ 5 Lethbridge Road, Swindon.
1902. G.) 1905. A.M.)	MASON, CHARLES LYALL .. ..	{ L. & N.W. Rly., Wolverton, R.S.O., Bucks.
1912.	MASON, HERBERT RICHARD ..	{ 28 Rue des Peignes, Gand, Belgium.
1901.	MASON, JOHN WILLIAM VICTOR	{ Mona Works, Barlow Rd., Levenshulme, Manchester.
1904.	MASON, WILLIAM, D.Sc. .. ..	{ Walker Engineering Laboratories, The University, Liverpool.
1900.	MASSEY, EDWARD .. .. .	{ Dallam Forge, Warrington.
1913.	MATHER, LORIS EMERSON .. ..	{ Messrs. Mather and Platt, Park Works, Newton Heath, Manchester.
1909.	MATHEWS, ALBERT ROGER .. ..	{ Kohinoor Mills, Dadar, Bombay.
1907.	{ MATHEWS, ERNEST GORDON DEWAR .. .. .	{ Tudor Accumulator Co., P.O. Box 408, Calcutta, India.
1911.	MATHEWS, PATRICK EDWARD	{ Engineer's Office, City Hall, Dublin.
1908.	MATHIESON, WILLIAM, R.N.R.	{ 780 Cardero St., Vancouver, British Columbia.
1913.	{ MATRAVERS, FREDERICK GEORGE .. .. .	{ Messrs. Greaves, Cotton & Co., 86A Clive St., Calcutta.
1913.	MATTICK, VICTOR ALEXANDER	{ Buenos Aires and Pacific Rly., 783 Calle Florida, Buenos Aires, Arg. Rep.
1906.	MAUDSLAY, JOSEPH .. .. .	{ Mech. Dept., Egyptian State Rlys., Cairo, Egypt.
1902. G.) 1912. A.M.)	MAW, ARTHUR ERNEST .. ..	{ Downs Court Cottage, Purley, Surrey.
1901. G.) 1904. A.M.)	MAW, ROBERT LEWIS .. .. .	{ 35-36 Bedford St., Strand, W.C.
1901. G.) 1906. A.M.)	MAW, THOMAS FREDERICK ..	{ 43 Sneyd Road, Cricklewood, N.W.

Date of Election.

1912.	MAWER, SYDNEY .. .. .	{ Messrs. Clayton and Shuttleworth, Stamp End Works, Lincoln.
1906.	MAWSON, ROBERT .. .. .	{ 43 North 18th St., East Orange, N.J., U.S.
1911.	MAXWELL, FRANCIS .. .. .	{ 77 Lawrie Park Road, Sydenham, S.E.
1905.	MAY, HORACE NUNN .. .. .	{ 27 Melby Avenue, East St. Kilda, Melbourne, Victoria.
1898. G.)	MAYES, HOWARD .. .. .	{ F. C. de B. A. al Pacifico, 783 Florida, Buenos Aires, Arg. Rep.
1902. A.M.)		
1913.	MAYNARD, PERCY VICTOR ..	{ Car and General Insee. Corpn., Yorkshire Post Chbrs., Albion St., Leeds.
1909.	MAYNE, JAMES GEORGE .. ..	{ Loco. Supt., Antofagasta (Chile) & Bolivia Rly., Antofagasta, Chile.
1909.	MEAD, THOMAS FRANCIS ..	{ Messrs. Hal Williams & Co., 3 Salters' Hall Court, Cannon St., E.C.
1907.	MEADEN, ALBERT EDWARD	{ Commercial Vehicle Dept., Wolse- ley Tool and Motor Car Co., Ad- derley Park, Birmingham.
1903.	MEDLEY, CHARLES POWIS ..	{ London Hoist & Machinery Co., 95 and 103 Worship St., E.C.
1900.	MEEK, GEORGE THOMAS ..	{ Electric Lighting Works, Town- mead Rd., Fulham, S.W.
1905. G.)	MEGIRIAN, JOSEPH JAMES ..	{ 615 West 144th Street, New York, U.S.
1912. A.M.)		
1912.	MEIN, JAMES HENRY .. .. .	{ Works Manager, Grimsby Engi- neering Co., Fish Dock Road, Grimsby.
1900. G.)	MELLAND - SMITH, HUBERT	{ Engineering Dept., Messrs. Guthrie & Co., Singapore, Straits Settle- ments.
1906. A.M.)		
1912.	MENEZES, ANTONIO GOMES DE	{ Lloyd Paraense, Pará, Brazil.
1909. G.)	MERCER, GEORGE HENRY ..	{ Chief Eng., Messrs. John Russell & Co., Alma Tube Works, Walsall.
1914. A.M.)		
1905.	MERRALL, CHARLES EDDINGTON	{ 26 Playfield Crescent, East Dul- wich, S.E.
1914.	METCALF, HENRY .. .. .	{ 217 Byron Avenue, Manor Park, E.
1914.	METCALFE, FRANCIS GARDEN	{ Dhamai Tea Co., Juri P.O., A. B. Rly., South Sylhet, India.
1911.	METCALFE, ROLAND GREGG ..	{ British Thomson-Houston Co., Standard Bldgs., Leeds.
1908.	METHUEN, JAMES ALLIN ..	{ P.O. Box 14, Untali, Rhodesia.
1907.	MEYER, THOMAS BERNARD ..	{ 4 Stuart Road, Wimbledon Park, S.W.
1902.	{ MEYRICK - JONES, LEONARD	{ The Red Lodge, Winterstoke Gar- dens, Mill Hill, N.W.
	{ MEYRICK .. .. .	
1908.	{ MIASKOWSKI, PAUL AUGUST	{ Maschinenfabrik Augsburg-Nürn- berg, Caxton House, 5th floor, Tothill St., Westminster, S.W.
	{ HERRMANN V. .. .. .	
1906.	MICHAEL, HUBERT .. .. .	{ Water Eng., City of Santos Imp. Co., Santos, Brazil.
1906.	MIDDLETON, BRIAN McLAREN	{ Messrs. Dymes & Co., Dindigal, South India.
1904.	MIDDLETON, PETER CHARLES	{ Clifford House, Lancaster Road, South Norwood, S.E.



## Date of Election.

1911.	MIDGLEY, HAROLD EDWARD ..	Messrs. Fraser and Chalmers, 3 London Wall Buildings, E.C.
1911.	MIEVILLE, ARTHUR LEONARD	Messrs. Kerry and Chace, Confederation Life Building, Toronto, Canada.
1912.	MILLAR, ALEXANDER .. ..	Messrs. Andrew Barclay Sons & Co., Caledonia Works, Kilmarnock.
1905.	MILLAR, WILLIAM PETTIGREW	c/o J. Robertson, Atlantic Chbrs., 45 Hope St., Glasgow.
1914.	MILLER, CLARENCE HOPKINS	Skefko Ball Bearing Co., Skefko Works, Luton.
1914.	MILLER, JOHN WILSON .. ..	Messrs. Strain and Robertson, 154 West George St., Glasgow.
1903. G. } 1905. A.M. }	MILLETT, CHARLES WALTER ..	c/o Major G. C. Millett, 3 Parklands Avenue, Nairobi, Brit. E. Africa.
1904. G. } 1908. A.M. }	MILLINGTON, WILLIAM ERNEST WYATT .. .. .	Messrs. Holden & Brooke, Sirius Works, West Gorton, Manchester.
1894.	MILLS, ARTHUR EDWIN .. ..	Atlantic Bldgs., Mount Stuart Sq., Cardiff.
1913.	MILNE, EDGAR NESBIT .. ..	F.C. de B. A. al Pacifico, Alianza, Santos Lugares, F.C.P., Buenos Aires, Arg. Rep.
1914.	MILNE, ROBERT ALEXANDER	Colombo Iron Works, Mutwal, Colombo, Ceylon.
1911.	MILNES, GEORGE CLEMENT ..	Borough Electrical and Tramways Eng., Electricity Works, Lancaster.
1912.	MILWARD, WILLIAM FRANCIS	7 Gladwell Rd., Stroud Green, N.
1903. G. } 1912. A.M. }	MINETT, ALBERT ERNEST SCULTHORPE .. .. .	c/o Messrs. Scott & Co., Rangoon, Burma.
1912.	MINNITT, JOHN ANSON .. ..	Messrs. John E. Minnitt, 72-76 Apollo St., Bombay.
1911.	MIRZA, PEROJSHAH DARAJI ..	Chief Mech. Eng., Bhavnagar State Harbour Works, Bhavnagar, Kathiawar, India.
1905.	MITCHELL, EDWARD ALBERT	110 Cannon Street, E.C. [ <i>Awakening, Cannon, London. City 3308.</i> ]
1907. G. } 1909. A.M. }	MITCHELL, GARDINER .. ..	Messrs. Barry, Henry & Co., West North St., Aberdeen.
1913.	MITCHELL, JAMES .. .. .	Messrs. James Phillips & Co., 5 and 6 Salisbury St., Bermondsey, S.E.
1914.	MITCHELL, JAMES .. .. .	Cornwall Fortress R.E., No. 1 E. L. Co., Pendennis Point, Falmouth.
1902.	MITCHELL, JOHN .. .. .	Queen Anne's Chambers, Tothill St., Westminster, S.W.
1909.	MITCHELL, THOMAS, JUN. ..	Grayrigg, Smith Avenue, Old Colwyn, Colwyn Bay.
1912.	{ MITCHELL, WILLIAM ANDERSON .. .. .	Titaghur Jute Factory Co., Titaghur, India.
1902. G. } 1910. A.M. }	MITCHELL, WILLIAM GEORGE	Dist. Loco. Supt., Eastern Bengal State Rly., Lalmanirhat, Rangpur Dist., Bengal.
1914.	MITCHLEY, JOHN WILLIAM ..	King's Lynn Gas Co., 20 St. James' St., King's Lynn.

Date of Election.

1896.	MITTON, THOMAS EVANS ..	{ Crown Brass Works, Oozells St. North, Birmingham. [ <i>Milton, Birmingham.</i> 394.]
1903. G.) 1907. A.M.)	MOBBS, HERBERT .. .. .	{ Pytchley Autocar Co., Sheep St., Northampton.
1910.	MOFFATT, FRANK ALEXANDER	{ Newana, 4567 Moran, Villa Deroto, F.C.P., Buenos Aires, Arg. Rep.
Gr 1891. G.) 1905. A.M.)	MOGG, HENRY HODGES .. ..	{ Messrs. H. Brown and Co., 66 Prince St., Bristol.
1907.	MOHN, TRYGVE .. .. .	{ National Gas Engine Co., Ashton-under-Lyne.
1911.	MOIR, DONALD .. .. .	{ Compañia Consolidada de Aguas Corrientes del Rosario, Rosario de Santa Fé, Arg. Rep.
1912.	MOIR, WILLIAM ROBERTSON	{ Messrs. MacAndrews and Forbes Co., Basrah, Turkish-Arabia.
1913.	MOLYNEUX, WILLIAM .. ..	{ Companhia Industrial Mineira, Mariano Procopio, Minas Geraes, Brazil.
1903.	MONKHOUSE, FRANK LIONEL	{ 75 Lidderdale Rd., Sefton Park, Liverpool.
1907.	MOODY, GEORGE HENRY ..	{ Westholme, Field St., Bradley, Bilston.
1907. G.) 1912. A.M.)	MOORE, EDWARD STAPLETON	{ 18 Benson Road, Forest Hill, S.E.
1908.	MOORES, JOHN .. .. .	{ 2 Coliemore Villas, Dalkey, Co. Dublin.
1910.	MOORES, ROBERT GORTON ..	{ 11 Carlyle Road, Cambridge.
1904.	MORAES, HENRY FRANCIS ..	{ Ayer Kuning Rubber Estate, Taiping, Straits Settlements.
1909.	MORCOM, EDGAR LLEWELLYN	{ Messrs. Belliss & Morcom, Ledsam Street Works, Birmingham.
1903.	MORGAN, DOUGLAS HOWARD	{ Yeoveney, Felstead, Essex.
1903.	MORGAN, FREDERICK JOHN ..	{ 35 and 36 Wind St., Swansea. [ <i>Advance, Swansea.</i> 570.]
1902. G.) 1912. A.M.)	MORGAN, WILLIAM HENRY ..	{ Coombe Dell, South Croydon.
1909.	MORLEY, THOMAS BONNER ..	{ James Watt Engineering Laboratories, The University, Glasgow.
1908. G.) 1913. A.M.)	MORRELL, Lieut. GEORGE MARK, R.E. .. .. .	{ Royal Engineers' Office, Pembroke Dock.
1907. G.) 1912. A.M.)	MOSS, FRANCIS CHARLES ..	{ 1 Moorgate Terrace, Rotherham.
1913.	MOSS, HENRY .. .. .	{ 25 Surrey Road, Peckham Rye, S.E.
1914.	MOULDEN, ELIDIN SWANZEY..	{ Municipal Tramways Trust, Adelaide, South Australia.
1912.	MOUNTFORT, LOUIS FREDERIC	{ Engineer's Office, Tyburn, Birmingham.
1912.	{ MOUNTNEY, CHARLES FRED- ERICK .. .. .	{ Technical College, Huddersfield.
1902.	MOWBRAY, ARCHIBALD HOLME	{ Managing Director, Messrs. Smith & McLean, Mavisbank, Glasgow. [ <i>Mavisbank, Glasgow.</i> 1507.]
1902.	MOWBRAY, FRANK HERBERT	{ Universal Music Co., Hayes, Middlesex.
1905. G.) 1909. A.M.)	MOWLL, HAROLD SAVIGNAC ..	{ Messrs. Crossley Bros., 217 St. Vincent Street, Glasgow.

Date of Election.

1905.	MOYLE, EDWARD CHARLES ..	Victoria Technical School, Preston.
1911.	MUDIE, DAVID .. .. .	{ Manager, Reliance Jute Mills, Kankarrah, E.B.S.R., Bengal.
1897. G.)	MUGGERIDGE, HAROLD CHIS-	{ c/o Chief Eng., E. I. Rly. House, Fairlie Place, Calcutta.
1902. A.M.)	MAN .. .. .	
1908.	MUIR, FRANK .. .. .	15 Cannel St., Ancoats, Manchester.
1905.	MUIR, HENRY .. .. .	{ Govt. Marine Surveyor, Penang, Straits Settlements.
1909.	MULLER, ERNEST .. .. .	{ Elektrostahlwerk Georg Fischer, Schaffhausen, Switzerland.
1912.	MULLIGAN, MICHAEL .. ..	{ Messrs. Hick, Hargreaves & Co., Soho Iron Works, Bolton.
1912.	MUNRO, CARLOS SINCLAIR ADAM	50 Eden Grove, Holloway, N.
1902. G.)	MUNYARD, ALFRED WALFORD	Shinehill, Littleton, Evesham.
1904. A.M.)	MAN .. .. .	
1905. G.)	MUNYARD, MATTHEW HENRY	{ East Ferry Road Engineering Works, Millwall, E.
1914. A.M.)	MURCHISON, KENNETH .. ..	23 Amargura, Havana, Cuba.
1912.	MURDOCH, ALEXANDER GEM-	{ Messrs. T. & J. Hosking, Dock Head Iron Works, Bermondsey, S.E.
1900. G.)	MELL .. .. .	
1907. G.)	MURFIN, LOUIS JOHN JAMES	{ 3 Risingholme Villas, High Road, Wealdstone, Middx.
1911. A.M.)	MURRAY, ALBERT .. .. .	51 Auckland Rd., Doncaster.
1907.	MURRAY, GEORGE WILLIAM ..	{ Messrs. G. Gahagan & Co., 271 Bellasis Rd., Byculla, Bombay.
1905.	MURRAY, HARRY RANDOLPH ..	Sirdar Carbonic Gas Co., Mazagon, Bombay.
1911.	MURRAY, HERBERT HOWARD	{ Messrs. Malcomess and Co., East London, Cape Colony.
1912.	MURRAY, JOHN .. .. .	Chief Eng., Tongaat Sugar Estates, Tonga, Natal.
1912.	MURRAY, WILLIAM ROBERT ..	Corpn. Electricity Works, Ayr.
1905. G.)	MYERS, ARCHIBALD CHARLES	{ 19 Avignon Road, Brockley, S.E.
1912. A.M.)	TRACEY .. .. .	
1914.	MYERS, FRANK .. .. .	{ Messrs. Hans Renold, Burnage Works, Didsbury, Manchester.
1907.	MYERS, JAMES RUGLEN .. ..	{ Urban District Council Electricity Works, Ley St., Ilford.
1906.	NANDI, KALI CHARAN .. ..	{ Supt. of Works, P.W.D., Cooch Behar, India.
1904.	NAPIER, FREDERICK DISNEY	{ 134 Brondesbury Park, Willesden Green, N.W.
1912.	NASH, ALFRED WILLIAM ..	{ Messrs. Bewick, Moreing & Co., Stanitza Apsheronskaya, Kuban Prov., S. Russia.
1907.	NAYLOB, JAMES WILLIAM ..	{ 31 Marshall Street, Smethwick, Birmingham.
1901.	NAYLOB, JOHN ALFRED .. ..	{ Messrs. Rosser & Russell, 22 Charing Cross, S.W. [ <i>Lesorus, London.</i> <i>Gerrard 5210.</i> ]

## Date of Election.

1907. G.)	NAYLOR, THOMAS LIDDLE ..	{	Cueva de la Mora, Valdelamusa, Huelva, Spain.
1913. A.M.)			
1910.	NEAGLE, WILLIAM .. .. .	{	Erith Technical Institute, Erith, S.O., Kent.
1912.	NEAL, JAMES HENRY .. ..	{	Technical Institute, Durban, Natal.
1905. G.)	NEEDHAM, CYRIL ARMITAGE ..	{	Water Engineer's Office, 52 Balls Road, Birkenhead. The Slipway, Garth, Bangor. Messrs. Coode, Matthews, Fitz- maurice & Wilson, 9 Victoria St., S.W.
1909. A.M.)			
1914.			
1912.	NEILSON, GEORGE .. .. .	{	Taikoo Dock and Engineering Co., Hong Kong, China.
1912.	NELSON, CHARLES COWLEY ..	{	119 Derbyshire Lane, Stretford, Manchester.
1913.	NELSON, GEORGE HORATIO ..	{	Messrs. James J. Niven & Co., 29 Hunter St., Wellington, New Zealand.
1907. G.)	NELSON, LIONEL .. .. .	{	18 Brook Green, W.
1913. A.M.)			
1902.	NELSON, ROBERT .. .. .	{	Messrs. Simpson & Co., 201 Mount Road, Post Box 21, Madras, India.
1903. G.)	NESBITT, EDWARD ARTHUR ..	{	Morley Villa, Camborne. 16 Broad St., Birmingham. [ <i>Nettle-</i> <i>folds, Birmingham. 2086.</i> ]
1904. A.M.)			
1908.	NETTLE, HENRY .. .. .	{	79A Parkhurst Rd., Holloway, N.
1899.	NETTLEFOLD, GODFREY .. ..	{	Messrs. Laurie & Lamb, 212 Board of Trade Bldg., Montreal, Canada.
1901. G.)	NEVILL, STANLEY SHARP ..	{	78 Mount Pleasant, Barrow-in- Furness.
1909. A.M.)			
1903. G.)	NEWILL, GEORGE ERNEST ..	{	65 Lewisham Hill, Lewisham, S.E.
1909. A.M.)			
1905. G.)	NEWLANDS, ARTHUR HERBERT	{	Chief Eng., Messrs. Fraser & Chalmers, P.O. Box 231, Johan- nesburg, Transvaal.
1912. A.M.)			
1912.			
1912.	NEWMAN, ALEXANDER RICHARD	{	Broadbank Chambers, 16 Oxford St., Harrogate.
1905.	NEWMAN, ARTHUR DUDLEY ..	{	Manager, Messrs. John Whitehead & Co., Albert Works, Syke St., Preston.
1901. G.)	NEWMAN, KENNETH CHARLES	{	West Lodge, Totteridge, Herts.
1905. A.M.)			
1905.	HORTON .. .. .	{	6 Goldsmith's Gardens, Acton, W.
1905.	NEWMAN, WILLIAM BOUGHTON	{	Messrs. Head Wrightson & Co., Stockton-on-Tees; and Grays Rd., Bishopton Lane, Stockton- on-Tees.
1902.	NEWMAN, WILLIAM HENRY ..	{	405 Stretford Road, Old Trafford, Manchester.
1901. G.)	NEWTON, PERCY .. .. .	{	Boro' Eng. and Surveyor, Folke- stone.
1904. A.M.)			
1904.	NEWTON, RUPERT .. .. .	{	122-4 Grenfell St., Adelaide, S. Australia.
1913.	NICHOL, JOHN OSWALD .. ..	{	Messrs. Alldays & Onions Pneu- matic Engineering Co., Birming- ham.
1905.	NICHOLS, ALBERT EDWARD ..	{	
1901.	NICHOLS, HENRY FRANCIS ..	{	
1907.	NICHOLSON, ALEXANDER ..	{	

## Date of Election.

1902. G.}	NICHOLSON, EDWARD .. ..	{ 2 Poplar Avenue, Whalley Range, Manchester.
1905. A.M.)		
1911.	{ NICOL, WILLIAM ALEXAN- DER WOOLER .. .. .	{ Dept. of Public Works, Sydney, N.S.W.
1897. G.}	NIXON, CHARLES BASIL .. ..	{ Lancashire Steam Motor Co., Ley- land, Preston.
1902. A.M.)		
1909.	NIXON, FREDERICK HENRY ..	{ 116 Upper Tulse Hill, S.W.
1913.	NOBBS, WALTER WILLIAM ..	{ Messrs. Purcell and Nobbs, 87-89 Cleveland Street, W.
1908.	NOBLE, GEORGE .. .. .	{ Messrs. T. E. Thomson & Co., 9 Esplanade East, Calcutta.
1913.	NOONAN, LIONEL FELIX .. ..	{ Burmah Oil Co., Mormugão, Goa, India.
1905.	NOOT, WILLIAM WILLIAMS ..	{ 19 Trafalgar Pl., Brynmill, Swansea.
1912.	NORMAN, EDMUND GOLLEDGE	{ 3 Kiukiang Road, Shanghai, China.
1907.	NORMAN, GEOFFREY HAMILTON	{ 3 Lloyd's Place, Blackheath, S.E.
1903.	{ NORMAN, GEORGE FREDERICK ALEXANDER .. .. .	{ Carisbrook, Beechwood Avenue, Kew Gardens, Surrey.
1913.	{ NORRIS, RICHARD NORMAN BOND .. .. .	{ Harland Engineering Co., 66 Car- rick Street, Glasgow.
1905. G.}	NORRISH, HUGH ROPER BAR- RETT .. .. .	{ London Fire Brigade, Southwark Bridge Road, S.E.
1913. A.M.)		
1904. G.}	NORTHCOTT, HENRY HANS MACFARLANE .. .. .	{ 6 Earl's Court Square, W.
1910. A.M.)		
1897.	NORTON, ARTHUR .. .. .	{ 34 Fountain Rd., Edgbaston, Birmingham.
1899.	NORTON, SAMUEL JOSEPH ..	{ 22 Bushnell Rd., Balham, S.W.
1913.	NORTON, STEPHEN JAMES ..	{ 29 Cranbrook Park, Ilford.
1914.	NOTLEY, REGINALD HENRY ..	{ International Packing Machine Co., Messrs. Peter Hooker's, Black- horse Lane, Walthamstow, N.E.
1905.	NOWELL, VICTOR FERDINAND	{ 12 Waverley Mansions, 72 Corpora- tion St., Calcutta.
1910.	NUGENT, CHARLES EVELYN ..	{ Seremban, Negri Sembilan, F.M.S.
1912.	NUNN, HARRY VAUGHAN ..	{ Bradford Dyers' Association, 39 Well Street, Bradford.
1899. G.}	NUTTER, HAROLD NORMAN ..	{ Messrs. W. Aykroyd & Sons, Oak- wood Dye Works, Bradford.
1906. A.M.)		
1906.	OAKDEN, ROGER BROOKE ..	{ International Hotel, Cape Town' Cape Colony.
1907.	OAKES, FREDERICK BISMARCK	{ The Cottage, Leiston, R.S.O., Suffolk.
1902.	O'CONNELL, JOHN GEORGE ..	{ 16 St. Stephen's House, Victoria Embankment, S.W.
1912.	OGDEN, ROBERT WILLIAM ..	{ Messrs. J. Crosfield & Sons, Bank Quay Works, Warrington.
1909.	OGDEN, SAMUEL .. .. .	{ Ridgmont, Leyland Rd., Pen- wortham, Preston.
1903. G.}	OGG, EASTON LEWIS .. ..	{ Messrs. H. Newton Knights and Co., 19 St. Dunstan's Hill, E.C.
1911. A.M.)		
1911.	OHLSEN, ANDREW .. .. .	{ 57 Highbury, Jesmond, Newcastle- on-Tyne.

Date of Election.

1912.	OLIVER, ALFRED .. .. .	{ Messrs. Clarke's Crank and Forge Co., Lincoln.
1909.	OLVER, WILLIAM HENRY ..	{ 14 Narrow Plain, Bristol.
1911.	OMAR, ABDEL MAGEED .. ..	{ Vice-Principal, School of Engineering, Giza, Egypt.
1913.	ORD, JOHN THOMPSON .. ..	{ Oficina Carmen Bajo, Iquique, Chile.
1905. G. } 1911. A.M. }	ORME, CHARLES TEMPLE ..	{ c/o Warwick Neville, Box 213, Boryslaw, Galicia, Austria.
1902.	ORR, THOMAS REGINALD JAMES	{ Worando Bldgs., Grenfell St., Adelaide, S. Australia.
1914.	{ OTWAY-RUTHVEN, THOMAS OR- MONDE BIRMINGHAM .. ..	{ Loco. Supt., Nigerian (Eastern) Rly., Port Harcourt, Nigeria.
1901.	OUGHTERSON, GEORGE HENRY	{ Ordnance Dept., Messrs. Vickers Ltd., Naval Construction Works, Barrow-in-Furness.
1911.	OUSEY, THORNTON .. .. .	{ Works Manager, Bloom St. Gas Works, Salford, Manchester.
1914.	OUTRAM, WILLIAM RAPHAEL	{ Supt. Eng., The Blue Star Line, St. Mary Axe, E.C.
1911.	OWEN, LLEWELYN EDWARD ..	{ Rose Villa, The Avenue, Acocks Green, Birmingham.
1909. G. } 1914. A.M. }	OWEN-GRIFFITHS, WILLIAM ..	{ Electrical Dept., P.W.D., Lagos, West Africa.
1912.	{ OXLEY, JOHN HERBERT WAL- TER .. .. .	{ Messrs. George Waller and Son, Phoenix Iron Works, Stroud, Glos.
1907. G. } 1912. A.M. }	PACEY, STEWART OSWALD ..	{ Hillside, St. Ann's Crescent, Lewes.
1901.	PAGE, HUGH ALGERNON ..	{ 45 Grasmere Road, Muswell Hill, N.
1913.	PAIN, THOMAS ALEXANDER ..	{ Works Manager, Messrs. McPhail and Simpson, Calder Works, Wakefield.
1901.	PALMER, ALFRED .. .. .	{ 346 Bellhouse Rd., Shire Green, Sheffield.
1905. G. } 1914. A.M. }	PALMER, EDWARD WILLIAM ..	{ 8 Park Avenue, Willesden Green, N.W.
1909.	PANK, ABRAHAM .. .. .	{ Messrs. A. Pank & Sons, Castle Hill Works, Norwich.
1909. G. } 1912. A.M. }	PANNELL, JOHN ROBERT ..	{ Ye Hollies, Staines Road, Twickenham.
1909.	PANTON, JOSEPH ALEXANDER	{ Canadian Bldgs., 7 and 9 James St., Liverpool.
1913.	PANTON, WILLIAM DICKSON	{ c/o Messrs. Andrew Yule & Co., Seebpore, Calcutta.
1902.	PAPWORTH, JOHN WYATT ..	{ Corpn. Electricity Works, Stirling.
1904.	PARIS, HENRY ADOLF .. ..	{ Mech. Engineer's Dept., L.C.C., Spring Gardens, S.W.
1910.	PARIS, PATRICK ALFRED ..	{ British Westinghouse E. & M. Co., Kuala Lumpur, F.M.S.

## Date of Election.

1913.		PARK, PETER MCAULAY ..	South Bank, South St., Greenock.
1899.	G. }	PARKER, FREDERICK THOMAS	Messrs. Fraser & Chalmers, 3 London Wall Bldgs., E.C.
1902.	A.M. }		
1909.		PARKER, JOHN .. .. .	South Staffordshire Mond Gas Co., Dudley Port, Tipton.
1914.		PARKER, LIONEL DOUGLAS ..	Machinery Dept., Messrs. Edgar Allen & Co., Imperial Steel Works, Sheffield.
1908.		PARKER, ROBERT .. .. .	Gun Mounting Dept., Messrs. Vickers Ltd., Barrow-in-Furness.
1914.		PARKER, WILLIAM RICHARD	Manager, Messrs. Bulpitts, Camden Street, Birmingham.
1906.		PARKES, HOWARD RODERICK ..	Messrs. Taylor Brothers & Co., Dacre House, Victoria Street, S.W.
1900.		PARKINSON, ERNEST .. .. .	Canal Iron Works, Shipley, Yorks. [Temples, Shipley. 4080.]
1910.		PARR, TOM DIXON .. .. .	63 Guilford St., Russell Square, W.C.
1902.	G. }	PARRATT, HERBERT EDWIN ..	Exec. Eng., P.W.D., Trivandrum, Travancore, S. India.
1909.	A.M. }		
1905.		PARROTT, ARTHUR GEORGE ..	Vaughan Pulley Co., West Gorton, Manchester.
1909.		PARRY, CHARLES WOODALL ..	1948 Mance, Montreal, Canada.
1909.		PARRY, HUBERT MUSGRAVE ..	(Lieut.), 3rd Cheshire Brigade, R.F.A., Jesus College, Cambridge.
1899.	G. }	PARSONAGE, WILLIAM RAW-LETT, B.Sc. .. .. .	Munic. Technical School, Suffolk St., Birmingham.
1901.	A.M. }		
1913.		PARSONS, HENRY ARTHUR ..	Ivy House, Newbury, Berks.
1906.		PARSONS, HORACE WILLIAM ..	Patent Shaft and Axletree Co., Wednesbury.
1906.	G. }	PARSONS, JOSHUA .. .. .	F.M.S. Rly., Taiping, Perak, F.M.S.
1912.	A.M. }		
1904.		PARSONS, THOMAS GEORGE ..	Manager, Rossleigh Ltd., 23 Albert Square, Dundee.
1901.		PATCHETT, JOSEPH HENRY ..	Hawthorne House, Addingham, Ilkley.
1910.		PATEL, HORMUSJI RUTTONJI ..	Superintending Eng., Agra Water Works, Agra, India.
1896.		PATEL, MOTIBHAI BHIKHABHAI	Bhadran, near Borsad, India.
1896.		PATEL, RAOJIBHAI MOTIBHAI	Secretary, P.W.D., Hathipole, Chamrajendra Road, Baroda, India.
1911.		PATERSON, DAVID .. .. .	Aenakhall Tea Estate, Monacherra P.O., Cachar, India.
1911.		PATERSON, JAMES DAVID ..	Gourepore Jute Mill, Naihati, E.B.S.R., Bengal.
1911.		{ PATERSON, JOHN JAMES CROSBIE .. .. .	Loco. Dept., B.B. and C.I. Rly., Bombay, India.
1913.		PATERSON, ROBERT .. .. .	Messrs. Murray and Paterson, Coatbank Engine Works, Coatbridge.
1914.		PATERSON, ROBERT THOMAS ..	Messrs. Fraser and Chalmers, Erith, S.O., Kent.
1902.		PATERSON, WILLIAM .. .. .	Natural Soda Works, Bir-Hooker, Wady Natron, Egypt.
1907.		PATON, GEORGE .. .. .	c/o Hongkong & Shanghai Banking Corpn., 9 Gracechurch St., E.C.

Date of Election.

1913.		PATRICK, ALEXANDER .. ..	Altonbank, Hawick.
1914.		PATTERSON, HAMILTON .. ..	{ Avondale, 40 Lindley Avenue, Southsea, Portsmouth.
1905. G.)	}	PAYNE, CHARLES AUGUSTUS	Asiatic Petroleum Co., c/o Messrs.
1909. A.M.)		WILLIAM .. .. .	Best & Co., Madras, India.
1898. G.)	}	PAYNE, FRANK GERVAS .. ..	4 Bromley Common, Bromley,
1902. A.M.)			Kent.
1909.	}	PEACH, CHARLES EDMOND	Egyptian State Railways, Boulac,
		CLEAVER .. .. .	Cairo, Egypt.
1901. G.)	}	PEACOCK, JESSE BUTLER .. ..	District Eng., Delta Light Rlys.,
1910. A.M.)			Zagazig, Lower Egypt.
1908.		PEACOCK, JOSEPH FRANK .. ..	67 Derby Street, Moss Side, Man- chester.
1907. G.)	}	PEACOCK, PHILIP GEORGE .. ..	Chief Eng., Messrs. Loders &
1909. A.M.)			Nucoline, Cairn Mills, Silver- town, E.
1911.		PEAL, EDWARD RAYMOND .. ..	Messrs. Escher Wyss & Co., 109 Victoria St., Westminster, S.W.
1904. G.)	}	PEAM, FERDINAND .. .. .	Works Supt., Igranic Electric Co.,
1907. A.M.)			Bedford.
1913.		PEARCE, THOMAS .. .. .	Car. and Wagon Dept., East Indian Rly., Lillooah, Bengal.
1908.		PEARSALL, RALPH HOWARD ..	Glaed Hame, Letchworth, Herts.
1914.		PEARSON, ALBERT .. .. .	{ Eastern Produce & Estates Co., Colombo, Ceylon.
1908.		PEARSON, GEORGE ARMSTRONG	Municipal Technical College, Hull.
1908.		PEARSON, JOHN BARRINGTON	3 Eden Mount, Carlisle.
1908.		PECK, HERBERT HORACE .. ..	Surrey Lodge, Henley-on-Thames.
1901.		PECKETT, ARTHUR .. .. .	{ Messrs. Albert Brewer & Co., Wilton, Salisbury.
1906.		PEET, HENRY CHARLES .. .. .	112 St. Saviour's Road, Leicester.
1910.		PEIRCE, ALFRED .. .. .	{ Asst. Eng. and Mgr., Chiltern Hills Spring Water Co., Aylesbury.
1913. G.)	}	PELL, HENRY WILLIAM LEACH	Messrs. E. H. Bentall & Co., Maldon.
1912. A.M.)		PENROSE, PHILIP OWEN .. ..	{ Harefield, Viewfield Road, Wands- worth, S.W.
1911.		PEPPER, WALTER REEVE .. ..	{ Calcutta Tramways Co., 1 Corpora- tion St., Calcutta.
1901.		PERCY, FRANK .. .. .	Mining College, Wigan.
1899. G.)	}	PEREGRINE, WILLIAM HENRY	{ Walmersley Iron Works, Walmers- ley, Bury, Lancs.
1901. A.M.)			Covendale, Holdenhurst Avenue, North Finchley, N.
1904.		PERKINS, ALBERT WILLIAM ..	26 Victoria Street, Westminster, S.W.
1901.		PERKINS, WILLIAM JOHN .. ..	{ Messrs. J. Crosfield & Sons, Bank Quay Works, Warrington.
1907. G.)	}	PERKS, THOMAS .. .. .	Dominion Bridge Co., Lachine,
1912. A.M.)			P.Q., Canada.
1906. G.)	}	PERRY, FREDERICK BUCKLAND	Messrs. Robey & Co., Lincoln.
1911. A.M.)			224 Hyman Street, London, Ont., Canada.
1902. G.)	}	PETRIE, PERCIVAL .. .. .	8 Old Jewry, E.C.
1910. A.M.)			79 Knightrider St., E.C.
1902.		PETTIT, ARTHUR EDWARD .. ..	{ A. B. C. Coupler Ltd., Fallings Park, Wolverhampton.
1906.		PEYRECAVE, GASTON RENE DE	
1908.		PEYTON, WILLIAM CHRISTIAN	
1902.	}	{ PHELPS, GEORGE INGRAM DE	Woodbourne Grange, Woodbourne
		BRISSAC .. .. .	Road, Edgbaston, Birmingham.



Date of Election.

1908.	PHILIPS-SMITH, BERTRAM ..	{ Graphite Products Ltd., 218-220 Queen's Rd., Battersea, S.W.
1897.	PHILLIPS, EDWIN GRANT ..	{ Conde de Aranda 1, bajo, Madrid, Spain.
1913.	PHILLIPS, GEORGE WILLIAM	21 Lawn Road, Doncaster.
1912.	PHILLIPS, O'MOORE FRANCIS	{ c/o T. Longdin, Plas Kynaston House, Acrefair, Ruabon.
1914.	PHILLIPS, WALTER.. ..	{ British Insulated & Helsby Cables, 11 Clive St., Calcutta, India.
1904.	PHILLIPS, WALTER HENRY ..	{ Messrs. Truman, Hanbury, Buxton & Co., Black Eagle Brewery, Burton-on-Trent.
1899.	PHILLOTT, GEORGE HENRY ..	{ Plas Trevor, Charlton Kings, Cheltenham.
1899. G.) 1902. A.M.)	PHILPOT, HAROLD PERCY ..	{ Engineering Laboratory, University College, Gower St., W.C.
1903.	PICKERING, WILLIAM SELLERS	{ 19 Sefton Terrace, Beeston Hill, Leeds.
1909.	PICKFORD, FRED .. .. .	The University, Manchester.
1910.	PICKUP, JAMES ARLINGTON ..	17 Taylor St., Stalybridge.
1909.	{ PICKVANCE, WILLIAM GRIEG- SON .. .. .	{ Borough Elect. Eng., Electricity Works, Willow Road, Wrexham.
1908.	PIDGEN, ALBERT .. .. .	{ The Fairbanks Co., 15 Mallow St., Old St., E.C.
1899.	PIGOTT, ARTHUR .. .. .	14 Bank Chbrs., Fargate, Sheffield.
1902. G.) 1906. A.M.)	PIMM, ARTHUR WATSON .. ..	36 Corporation Street, Stafford.
1907.	PINFIELD, WILLIAM VICKERY	{ 1 St. Albans Rd., Moseley, Birming- ham.
1908.	PING, HAROLD JOHN .. .. .	{ Messrs. Joseph Watson & Sons, Whitehall Soap Works, Leeds.
1901.	PINKNEY, THOMAS SAMUEL ..	{ Hobart House, Park Road, South Farnborough, Hants.
1906.	PITCAIRN, FRANCIS BERNARD	{ Eng., Water Works, Shanghai, China.
1909.	{ PITKEATHLY, JAMES SCOTT, C.V.O. .. .. .	{ Electrical Inspector, Govt. of the United Provs., Allahabad, India.
1910.	PITMAN, PERCY HECTOR .. ..	25 Victoria St., Westminster, S.W.
1906.	PITT, JAMES DAVIES .. .. .	{ Wolseley Tool & Motor Car Co., Adderley Park, Birmingham.
1907.	PITT, PHILIP SEPTIMUS .. ..	{ 132 Dora Road, Wimbledon Park, S.W.
1913.	PITT, ROBERT WALTER .. ..	27 Brighton Gardens, Gateshead.
1902.	PITAR, ALBERT VYVYAN .. ..	{ P.O. Box 274, Boksburg, Trans- vaal.
1900. G.) 1903. A.M.)	PLAISTER, WILLIAM EDWARD	{ 41 Royal York Crescent, Clifton, Bristol.
1900.	PLANT, DAVID THOMAS .. .. .	{ Messrs. Easton Gibb & Son, H.M. Dockyard, Rosyth, Inverkeithing, Fifeshire.
1900. G.) 1906. A.M.)	PLANTE, STANLEY GEDGE .. ..	{ Engineering Standards Committee, 28 Victoria St., Westminster, S.W.
1908.	{ PLATT, Capt. RALPH ERNEST, late R.A. and A.O.D. .. ..	{ c/o John Platt, 97 Cedar St., New York, U.S.
1914.	PLEVIN, PERCY JOHNSON .. ..	{ Turbine Dept., British Westing- house Co., Trafford Park, Man- chester.
1908.	POCHIN, EDWARD ARNOLD .. ..	Trafford Park, Manchester.

Date of Election.

1904.		PODESTA, JOHN JAMES .. ..	{ Patent Axlebox and Foundry Co., Wednesfield Foundry, Wolverhampton.
1908.	G.)	POIGNAND, FRANCIS NESBITT	{ Loco. Superheater Co., 30 Church St., New York, U.S.
1907.	A.M.)		
1905.		POLDEN, FRANCIS CHARLES ..	{ 56 Cannon St., E.C. [ <i>City</i> 3885.]
1906.		{ POLE - WEDLAKE, REGINALD	{ Sir W. G. Armstrong, Whitworth & Co., Openshaw, Manchester.
		{ WILLIAM .. .. .	
1907.		POLGLASE, ARTHUR HEDLEY ..	{ 134 Bradford Road, Shipley.
1912.		POLLOCK, CHARLES ALBERT ..	{ c/o A. Sutcliffe, Saanich Holme, R.M.D. No. 3, Victoria, B.C.
1911.		{ POLYCHRONIADIS, LAZARUS	{ 88 Fenchurch Street, E.C.
		{ SERAFIM .. .. .	
1904.		PONTIFEX, BEAUMONT .. ..	{ Marconi's Wireless Telegraph Co., Marconi House, Strand, W.C.
1913.		POOLE, GERARD EVELYN ..	{ Engineer's Office, Millwall Dock, E.
1909.	G.)	POOLE, LESLEY GOWER ..	{ Hillsborough, Ridgeway Rd., Farnham, Surrey.
1910.	A.M.)		
1902.		POOLE, RICHARD .. .. .	{ The Cottage, Ruislip, Uxbridge.
1912.		POOLEY, JAMES PRICE FAVELL	{ Messrs. Martin and Co., 6-7 Clive St., Calcutta.
1905.		POPE, ASHLEY PHILIP .. ..	{ Messrs. Johnson & Phillips, Victoria Works, Old Charlton, Kent.
1910.		PORRITT, PERCY BLADES ..	{ Vulcan Iron Works, 172 Lower Circular Rd., Calcutta.
1903.		PORTER, EUSTACE WILLIAM ..	{ Res. Eng., Caledonian Canal, Inverness.
1905.		PORTER, RALPH CLASSON ..	{ University Power Station, Edgbaston, Birmingham.
1912.		PORTWAY, ROBERT CORNELL ..	{ 29 Kent House Road, Beckenham. Messrs. A. G. Enock & Co., Thane Works, Fountayne Rd., Broad Lane, Tottenham, N.
1912.		POTTS, SAMUEL .. .. .	{ Messrs. Martin and Co., 6-7 Clive St., Calcutta.
1910.		POULSON, HARRY .. .. .	{ Cockburn High School, Leeds.
1914.		POULTNEY, EDWARD CECIL ..	{ Steel Castings (Giles Foundry), West Bromwich.
1909.		POULTON, WILLIAM .. .. .	{ Mills Dept., Rotherham Forge and Rolling Mills Co., Rotherham.
1910.		POWELL, ALBERT .. .. .	{ Superintending Eng., Textile Mills Co., Bombay.
1895.		POWELL, BENJAMIN NEWTON	{ Manager, Lidgerwood Manufacturing Co., Soerabaya, Java.
1903.		POWELL, CHARLES SKRYNE ..	{ 711 Illuminating Bldg., Cleveland, Ohio, U.S.
1900.		POWELL, DAVID THOMAS ..	{ Messrs. Kennedy and Donkin, 17 Victoria St., Westminster, S.W.
1899.		POWELL, ERNEST BRECON ..	{ Messrs. Whitehead & Co., Portland Harbour Torpedo Works, Weymouth.
1907.		POWELL, FRANK EDWARD ..	{ 25 Ferry Buildings, Auckland, N.Z.
1913.		POWELL, HENRY .. .. .	{ 2 St. Michael's Hill, Bristol.
1906.		POWELL, LLEWELLYN HENRY	{ Hacienda Cartavio, Trujillo, Peru.
1907.		POWELL, WILLIAM HENRY ..	{ Royal School of Mines, South Kensington, S.W.
1903.		POWNALL, JOHN EDMUND ..	{ Electricity Works, Stanley Road, Tunbridge Wells.
1899.		POWRIE, WILLIAM LYALL ..	{ Messrs. Furnival & Co., 102-8 Clerkenwell Road, E.C.

## Date of Election.

1913.	POYNTING, ARTHUR .. .. .	Chief Engineer's Office, Port of London Authority, 109 Leadenhall St., E.C.
1898.	FRANCE, CYRIL ROOKE .. .. .	Mamiaanshoek, Zwagershoek P.O., Nylstroom, Transvaal.
1902. G.) 1909. A.M.)	PRATCHITT, WILLIAM MONKHOUSE .. .. .	Manager, Messrs. Pratchitt Bros., Denton Iron Works, Carlisle.
1910.	PRATT, JAMES .. .. .	Sir W. G. Armstrong Whitworth & Co., Elswick Works, Newcastle-on-Tyne.
1898. G.) 1905. A.M.)	PREEN, ARTHUR HARVEY .. .. .	4 Crown Tce., Cricklewood Lane, Cricklewood, N.W.
1912.	PRESCOTT, KENNETH SEYMOUR	National Gas Engine Co., Ashton-under-Lyne.
1901. G.) 1907. A.M.)	PREVOST, ALFRED THOMAS .. .. .	Messrs. A. & J. Main, P.O. Box 5400, Johannesburg, Transvaal.
1902.	PRICE, ALBERT EDWARD .. .. .	George Price's Safe Co., Church Lane, Wolverhampton. [ <i>Safes, Wolverhampton. 225.</i> ]
1912.	PRICE, FRANCIS LONGUEVILLE	c/o Messrs. Blackstone & Co., Stamford.
1913.	PRICE, FREDERICK CHARLES .. .. .	Woodlands, Altrincham.
1913.	PRICE, JOHN THOMAS .. .. .	Hillcroft, Kingswinford, Dudley.
1912.	PRICE, OWEN ALFRED .. .. .	Messrs. Ruston, Proctor & Co., Sheaf Iron Works, Lincoln.
1909.	PRICE, REGINALD SHERLEY .. .. .	Elmleigh, Hayne Rd., Beckenham.
1900.	PRICE, ROWLAND .. .. .	Cordite Factory, Aruvankadu, Nilgiris, India.
1898. G.) 1899. A.M.)	PRICE, WILLIAM FREDERICK	Callender's Cable and Construction Co., Hamilton House, Victoria Embankment, E.C.
1912.	PRICE, WILLIAM JOHN .. .. .	P.O. Box 107, Dixon, Illinois, U.S.
1904.	PRIDEAUX, FRANCIS GREVILLE	Engineer's Office, G. S. & W. Rly., Inchicore, Dublin.
1912.	PRIESTLEY, CHARLES GORDON	20 Plasturton Gardens, Cardiff.
1899. G.) 1901. A.M.)	PRITCHARD, ROGER CROMWELL	55 Highbury New Park, N.
1907.	PROBERT, ERNEST .. .. .	c/o F. H. Probert, 819-20 Central Bldg., Sixth and Main Streets, Los Angeles, Cal., U.S.
1903.	PROCTER, CHARLES GILBERT	Messrs. Franklin, Herrera & Co., 430 Bartolomé Mitre, Buenos Aires, Arg. Rep.
1904. G.) 1910. A.M.)	PROSSER, NATHANIEL LITTLER	3 Cromwell Rd., Rugby.
1899. G.) 1903. A.M.)	PROSSER, ROBERT WALTER OSTELL .. .. .	108 South Hill Park, Hampstead, N.W.
1910. G.) 1913. A.M.)	PROUDMAN, SEPTIMUS STEPHEN THOMPSON .. .. .	Messrs. Cammell, Laird & Co., Birkenhead.
1908.	PRÜSMANN, CARL ADOLF LOUIS .. .. .	Claremont, 2 Queen's Rd., Sketty, Swansea.
1901.	PRYOR, HENRY ALLEN .. .. .	70 and 72 Chancery Lane, W.C. [ <i>Patent, London. Holborn 243.</i> ]
1914.	PSICHA, PANDELI THESEUS .. .. .	44 Frogal, Hampstead, N.W.
1910.	{ PUDNER, Eng. Lieut. WILLIAM HENRY, R.N. .. .. .	H.M.S. "Dominion," c/o Postmaster General, E.C.
1904. G.) 1911. A.M.)	PUDSEY, FAWCETT .. .. .	Public Works Dept., George Town, Demerara.
1912.	PULL, ERNEST, R.N.R. .. .. .	7 Trelawney Road, Hackney, N.E.

Date of Election.

1907.	PULLEINE, JOHN JAMES .. ..	{ Bog Mines Ltd., Minsterley, Shrewsbury.
1907.	PULLIN, JOSEPH ALEXANDER	{ 1 North Street, Smethwick, Bir- mingham.
1905.	PULSFORD, FREDERICK CHARLES	{ 17 Sandown Rd., Leicester.
1913.	PUNTER, ALFRED .. .. .	{ Federated Malay States Rlys., Kuala Lumpur, F.M.S.
1911.	PURCHAS, ARTHUR WILLIAM ..	{ Oilfields, Fresno Co., California, U.S.
1904. G.)	PURSEY, HERBERT STANLEY ..	{ Calcutta Tramways Co., Calcutta, India.
1907. A.M.)		
1900.	PURVES, WILLIAM THOMPSON	{ 13 Albany St., Edinburgh. [1259.]
1901.	PYE, JOSEPH HARGER .. ..	{ Manager, Gas Works, Clevedon.
1908.	PYNE, FREDERICK DENNIS ..	{ 18 Brook Street, Whitley Bay, Northumberland.
1905.	QUELCH, ARTHUR TEMPLE ..	{ Manganese Bronze & Brass Co., St. David's Wharf, Millwall, E.
1905.	QUICK, ALBERT HEDLEY ..	{ Engineer's Dept., L.C.C., Spring Gardens, S.W.
1904.	QUINE, FREDERIC CARLYLE ..	{ (Lieut.), Seaplane and Wireless Station, Westgate-on-Sea, Kent.
1908. G.)	QUINTON, WALTER RICHARD ..	{ 99 Rochdale Road, Plumstead.
1912. A.M.)		
1914.	QUIRKE, EDWARD DELAMER ..	{ 301 South Main Street, Kewanee, Ill., U.S.
1906.	RADCLIFFE, JOHN JAMES ..	{ Messrs. Thomas Robinson & Son, Railway Works, Rochdale.
1910.	RAFFETY, SIDNEY ROBERT ..	{ Sidmouth, St. James Rd., Sutton, Surrey.
1903.	RAINER, EDWARD ALLAN ..	{ Messrs. Arnhold, Karberg & Co., 14 Fenchurch St., E.C.
1897. G.)	RAINFORTH, WILLIAM FRED- ERICK .. .. .	{ 1 Acacia Road, Acton, W.
1901. A.M.)		
1902.	RANKIN, ERNEST ALFRED ..	{ Somerville, Bourton, Dorset.
1913.	RANKINE, WILLIAM .. ..	{ L.C.C. School of Engineering and Navigation, High St., Poplar, E.
1909.	RAPSON, BENJAMIN .. ..	{ S. M. Car Syndicate, 9A Hythe Rd., Willesden, N.W.
1900. G.)	RASEY, ALFRED ERNEST ..	{ Messrs. Mellows & Co., 28 Victoria St., Westminster, S.W.
1901. A.M.)		
1914.	RATCLIFFE, HAROLD EWART ..	{ Mond Nickel Co., Clydach, Glam.
1907. G.)	RAYNER, ARTHUR JAMES ..	{ Oudh and Rohilkund Rly., Luck- now, India.
1911. A.M.)		
1906. G.)	RAYNER, HERBERT .. .. .	{ 6 Whitbread Avenue, Bedford.
1910. A.M.)		

Date of Election.

1908.	RAYNER, JOHN MERRICK ..	{ 4 Seathorpe Gardens, Thorpe Bay, Essex.
1902.	READ, CHARLES MACARTNEY	{ 11 Hailsham Avenue, Streatham Hill, S.W.
1904.	REAY, EDWARD .. .. .	{ British Burma Petroleum Co., Yenangyaung, Upper Burma.
1910. G.)	REDDING, FREDERICK CHAP-	{ Gun and Shell Factory, Cossipore,
1912. A.M.)	MAN .. .. .	{ Bengal, India.
1899.	REDDING, WALTER .. .. .	{ Ingfield, Jackson Avenue, Gledhow, Leeds.
1892. G.)	REDFERN, CHARLES GEORGE	{ 15 South St., Finsbury, E.C. [ <i>In-</i>
1897. A.M.)	REDFERN, CHARLES JULIAN ..	{ <i>vention, London. Central 4492.</i> ]
1908.	REDFERN, CHARLES JULIAN ..	{ 41 Boutelli St., Leominster, Mass., U.S.
1903.	REDMAN, SYDNEY GEORGE ..	{ Collingwood Bldgs., Newcastle-on-Tyne.
1912.	REES, ALFRED COLSTON ..	{ Dan-y-Rhiw, Llanelly.
1910.	REES, JOHN HARRY BENBOW	{ 6 Prospect View, Castle Hill, Bredbury, Stockport.
1913.	REES, JOSEPH HENRY .. .. .	{ Govt. Rly. Shops, Ipswich, Queensland.
1902. G.)	REEVE, EDWARD .. .. .	{ Wolsley Motors Ltd., Adderley Park, Birmingham.
1911. A.M.)	REEVE, JAMES .. .. .	{ 6 Valley Road, Streatham, S.W.
1906.	REEVE, WALTER .. .. .	{ 17 Eton Road, Ilford. [Former A.M. 1903-1908.]
1914.	REID, FREDERIC .. .. .	{ c/o Assistant Genl. Manager, S. African Rlys., Bloemfontein, O.R.C.
1906.	REID, FREDERIC .. .. .	{ Higham Ferrers, 9 Pembury Rd., Westcliff-on-Sea, Southend-on-Sea.
1905.	REID, JOHN ALEXANDER ..	{ The Siam Forest Co., Bangkok, Siam.
1902.	REID, JOHN WILSON .. .. .	{ Carriage and Wagon Dept., Midland Rly., Derby.
1911.	REID, ROBERT WHYTE .. .. .	{ Messrs. Renwick & Co., Sugar-Cane Crushing Mills, Kushtia, Bengal.
1914.	RENWICK, WILLIAM BARR ..	{ Messrs. Renwick & Co., Sugar-Cane Crushing Mills, Kushtia, Bengal.
1903.	REW, REGINALD JOHN .. .. .	{ 66 Mount Pleasant Rd., Exeter.
1903.	REXWORTHY, HAROLD SIBREE	{ 2 Everest Road, Eltham, S.E.
1901.	REYNOLDS, ALFRED MILWARD	{ Messrs. John Reynolds & Sons, Newtown Row, Birmingham.
1909.	REYNOLDS, BEBBIE .. .. .	{ 50 Cornerswell Road, Penarth.
1912.	REYNOLDS, CHARLES HAROLD	{ Messrs. C. Leethem & Co., Arundel Street, Portsmouth.
1912.	REYNOLDS, EDWARD WILLIAM	{ Engineering Dept., H.M. Dockyard, Portsmouth.
1912.	REYNOLDS, OLIVER .. .. .	{ Manager, Messrs. Perkins, Macintosh & Co., Sandridge Rd., St. Albans.
1914.	REYNOLDS, WILLIAM ALFRED	{ Erecting Dept., Babcock and Wilcox Co., Oriel House, Faringdon St., E.C.
1906.	RHODES, EDGAR .. .. .	{ Manager, Romapac Tramway Construction Co., 24 Meadow Lane, Leeds.
1908.	RHODES, SAMUEL COLEY ..	{ Gordon College, Khartoum, Sudan, Egypt.

Date of Election.

1912.	RHODES, WILLIAM FOSTER ..	{ Messrs. Rhodes, Brydon and Co., Gorsey Brow, Waterloo, Stock- port.
1911.	RIBEIRO, SAMUEL .. .. .	{ Messrs. Duarte, Serva & Co., P.O. Box 1275, São Paulo, Brazil.
1914.	RICHARDS, DANIEL .. .. .	{ Messrs. Fraser and Chalmers, Erith, S.O., Kent.
1914.	RICHARDS, FERDINAND .. ..	{ Port Talbot Steel Co., Port Talbot.
1912.	RICHARDS, FRANCIS BARTLETT	{ c/o Messrs. Woodall and Duckham, Palace Chambers, 9 Bridge St., Westminster, S.W.
1912.	RICHARDS, FRANK HERBERT ..	{ 28 Greenholm Road, Eltham, S.E.
1910.	RICHARDS, GEORGE TILGHMAN	{ Royal Aero Club, 166 Piccadilly, W.
1911.	RICHARDS, JAMES GARFIELD ..	{ New Vaal River Diamond and Exploration Co., Sydney-on-Vaal, Kimberley, Cape Colony.
1912.	RICHARDS, WILLIAM JOHN ..	{ Crigglestone Collieries, near Wake- field.
1906.	RICHARDSON, DAVID .. .. .	{ Northern Polytechnic, Holloway Rd., N.
1911.	RICHARDSON, GEORGE WILLIAM	{ Kolar Gold Fields Electricity Dept., Oorgaun, Mysore State, S. India.
1912.	{ RICHARDSON, HAROLD WIL- LOUGHBY .. .. .	{ "Electrical Times," Sardinia House, Sardinia St., E.C.
1913.	RICHARDSON, HARRY .. .. .	{ Binstead, Ashton-upon-Mersey, Manchester.
1909.	RICHARDSON, THOMAS KNOWLES	{ Electricity Works of St. Maryle- bone Council, Edgware Road, N.W.
1893.	{ RICHEY, WILLIAM FREDERICK ALBERT .. .. .	{ Messrs. Chance Brothers & Co., Lighthouse Works, near Bir- mingham.
1910.	RICHMOND, HAROLD .. .. .	{ Marconi Wireless Telegraph Co., Marconi House, Strand, W.C.
1904.	RICHMOND, WILLIAM PEARSON	{ 18 Windsor Rd., Saltburn-by-the- Sea.
1906. G.)	RICKIE, ALEXANDER JOHN ..	{ 10 Nawab Putty Road, Cossipore, Calcutta.
1914. A.M.)		
1904. G.)	RICKIE, JAMES HEPBURN ..	{ c/o The Agent, Burma Railways Co., Rangoon, Burma.
1908. A.M.)		
1913.	RICKWOOD, HENRY JOHN ..	{ Messrs. Compayne, 64 Victoria St., Westminster, S.W.
1913.	{ RIDGWAY, ALBERT EDWARD AUGUSTUS .. .. .	{ Federated Malay States Rlys., Kuala Lumpur, Selangor, F.M.S.
1913.	RIEHN, JOHN FREDERIK ..	{ Værnedamsvej 9 <sup>II</sup> , Copenhagen, Denmark.
1912.	RIELLEY, PETER .. .. .	{ 1 Balfour Bldgs., 18 Yuen Ming Yuen Rd., Shanghai, China.
1912.	RIES, ADOLPH HULETT ..	{ Loco. Dept., G.E. Rly., Parkeston, Harwich.
1896.	RIETER, E. HENRY .. .. .	{ Landeck, Tyrol, Austria.
1912.	RIGBY, HENRY .. .. .	{ Messrs. Ashmore, Benson, Pease & Co., Stockton-on-Tees.
1908.	RIGGS, ARTHUR LEVI .. .. .	{ United Legal Indemnity Insurance Society, 222-225 Strand, W.C.
1909.	RILEY, FRANK .. .. .	{ Elton Iron Works, Bury, Lancs.
1914.	RILEY, FRED .. .. .	{ Res. Eng., Whalley Asylum, Whalley, Blackburn.
1914.	RILEY, WILFRID .. .. .	{ 181 Hyde Park Road, Leeds.

Date of Election.

1914.	RINGROSE, ALBERT .. .. .	Messrs. Mallett & Co., The Foundry, East London, Cape Colony.
1909.	RIOCH, ROBERT JOHN .. .. .	315 Wells Rd., Knowle, Bristol.
1902.	RITCHIE, ANDREW MACKIE .. .. .	5 Johannes St., Troyeville, Johannesburg, Transvaal.
1905.	RITCHIE, MARRIOTT CLAUDE .. .. .	145 Farringdon Road, E.C. [ <i>Ritchiedom, London. City 4322.</i> ]
1901.	RIVIERE, PHILIP LYLE .. .. .	Calcutta Electric Supply Corpn., P.O. Box 304, Calcutta.
1903.	RIX, GAYFORD .. .. .	Siemens Bros. Dynamo Works Ltd., Caxton House, Tothill St., Westminster, S.W.
1907.	{ ROBERTS, GEORGE FREDERICK WILLIAM .. .. .	16 Hughenden Rd., Clifton, Bristol.
1905. G. }	ROBERTS, HERBERT PRIESTLEY	Oficina Curico, Pampa Central, Antofagasta, Chile.
1906. A.M. }		Deputy City Engr.'s Office, Water Wks. Dept., City Hall, Toronto, Canada.
1903.	ROBERTS, CHARLES DRURY .. .. .	Res. Engineer's Office, Royal Victoria and Albert Docks, E.
1913.	ROBERTS, EDWARD FLETCHER	
1909. G. }	ROBERTS, GEORGE GOODDEN .. .. .	1 Clarges Street, Piccadilly, W.
1914. A.M. }		
1907.	ROBERTS, JAMES .. .. .	Messrs. Hayward Tyler & Co., 99 Queen Victoria St., E.C.
1908.	ROBERTS, JOHN .. .. .	76 Laburnum Rd., Reddish Lane, Gorton, Manchester.
1903.	ROBERTS, JOSEPH .. .. .	Manager, Melbourne Tramway and Omnibus Co.'s Car Factory, 27 Scotchmer St., N. Fitzroy, Melbourne, Victoria.
1899.	ROBERTS, PERCY ROPER .. .. .	Sandycroft Foundry Co., Chester; and 7 Ashby Pl., Flockersbrook, Chester.
1903.	ROBERTS, TREVOR .. .. .	Divl. Supt's. Office, G.W. Rly., High St. Station, Swansea.
1904.	ROBERTS, WILLIAM POULTER	Divl Pumping Project, Avinigudda P.O., Kistna District, India.
1910. G. }	ROBERTSON, ALEXANDER	Messrs. Robertson and Adams, 52 St. Enoch Sq., Glasgow.
1911. A.M. }	MELVIN .. .. .	
1911.	ROBERTSON, ANDREW .. .. .	The University, Manchester.
1914.	ROBERTSON, ARTHUR .. .. .	Rising Sun Petroleum Co., Box 58, Yokohama, Japan.
1912.	ROBERTSON, GEORGE WALLACE	Turbine Dept., Messrs. Dick, Kerr & Co., English Electric Works, Preston.
1913.	ROBERTSON, HENRY LINGS .. .. .	Messrs. James Robertson and Sons (F. Wood), Ltd., Dock St. Engineering Works, Fleetwood.
1908.	ROBERTSON, HERBERT .. .. .	c/o Mrs. Stirling, Nether Cambushinnie, Kinbuck, Dunblane.
1906.	ROBERTSON, JAMES ALEXANDER	Sunnyside, Fleetwood.
1906.	ROBERTSON, JAMES FRENCH .. .. .	Messrs. Burn & Co., Howrah Iron Works, Howrah, Bengal.
1909.	ROBERTSON, JOHN .. .. .	10 Troutbeck Road, New Cross, S.E.
1903.	ROBERTSON, JOHN MURRAY .. .. .	Messrs. J. M. Robertson & Co., Simla, India.

Date of Election.

1906.	{ ROBERTSON, RUDOLPH ALEX- ANDER .. .. . }	Canford, British Columbia.
1900. G.)	{ ROBERTSON, WALTER HENRY ANTONIO .. .. . }	Lynton Works, Bedford.
1906. A.M.)		
1912.	ROBINSON, ALFRED ERNEST ..	{ Asst. Mechl. Supt., Bombay Port Trust, Mazagon, Bombay.
1908.	ROBINSON, FREDERICK HAROLD	{ Singapore Electric Tramway Co., Singapore, Straits Settlements.
1910.	ROBINSON, HERBERT WILLANS	{ The Barn, Monmouth Rd., Bays- water, W.
1909.	ROBINSON, LESLIE HAMPTON..	Westhaven, Chiswick, W.
1912.	ROBINSON, PERCY MALCOLM ..	{ Electl. Dept., United Engineers Ltd., 5 Battery Rd., Singapore, Straits Settlements.
1909.	ROBINSON, PHILIP SEYMOUR..	{ Messrs. T. Robinson & Son, Rail- way Works, Rochdale.
1901.	{ ROBINSON, SYDNEY GREEN- WOOD .. .. . }	{ Messrs. F. L. Smidth & Co., Palace Chbrs., 9 Bridge St., Westminster, S.W.
1908.	ROBINSON, THOMAS HENRY ..	Rushley, Edwalton, Nottingham.
1914.	ROBSON, ANDREW .. .. .	{ c/o Mrs. McIlraith, 590 Alexandra Parade, Dennistoun, Glasgow.
1912.	ROBSON, GEORGE .. .. .	{ Messrs. Clayton & Shuttleworth, Stamp End Works, Lincoln.
1908.	ROBSON, JOHN .. .. .	26 Dalhousie Square, Calcutta.
1905.	ROBSON, JOHN HENDERSON ..	{ L.C.C. School of Marine Engineer- ing, High St., Poplar, E.
1913.	RODDA, HENRY COLENZO ..	Great Western Railway, Swindon.
1898.	RODDA, JOSEPH TONKIN .. ..	{ Woodbank, Grove Road, East- bourne.
1910.	RODGER, JAMES BLACKWOOD	{ Messrs. John Blackwood, Pier Head, Barbados, West Indies.
1908.	ROE, HARRISON .. .. .	{ Ropeways Ltd., Eldon St. House, South Place, E.C.
1900.	ROFE, WILLIAM .. .. .	{ c/o Henry Rofe, 8 Victoria Street, Westminster, S.W.
1904.	{ ROGERS, ERNEST NORMAN COOKE .. .. . }	{ The Chemists' Club, 52 East 41st Street, New York, U.S.
1911.	ROGERS, FRANCIS HERON ..	Broad Sanctuary Chambers, West- minster, S.W.
1913.	ROGERS, GERALD DOUGLAS ..	{ Messrs. Royce, Trafford Park, Manchester.
1897.	ROLF, GEORGE .. .. .	{ Ermont, Acklington, Northumber- land.
1907.	ROLLO, GEORGE, JUN. .. ..	Fulton Engine Works, Liverpool.
1912.	ROMANS, ARTHUR HOWARD ..	{ Bushey Wood Road, Totley Rise, Sheffield.
1912.	ROME, GEORGE HAROLD ..	{ 24 Wilton Road, Muswell Hill, N.
1905.	ROSCOE, EDWIN BORTON ..	{ 1948 Calle Carlos Pelligrini, Ban- field, F.C.S., Buenos Aires, Arg. Rep.
1909.	{ ROSE, GEORGE FALCONER ( <i>Life</i> <i>Associate Member</i> ) .. .. }	{ 8 Clive Row, P.O. Box 150, Cal- cutta, India.
1902. G.)	{ ROSENTHAL, FREDERICK MICHAEL BARBANEL .. .. }	{ c/o The Agent, H.H. Nizam's Guaranteed State Rly., Secun- derabad, India.
1904. A.M.)		
1908.	ROSEVEARE, LESLIE .. ..	Borough Engineer, South Shields.
1900.	ROSEVERE, REGINALD GEORGE	Barnpark, Tavistock.



## Date of Election.

1914.	{	ROSS, ALBERT ERNEST LAN-	{ Messrs. Sauvée & Co., Union Works,
		CASTER .. .. .	{ Park St., Southwark, S.E.
1913.		ROSS, CHARLES .. .. .	{ Sun Laundry, Larne.
1909.		ROSS, CHARLES ALDWORTH ..	{ 70 Kings Road, Willesden Green,
			{ N.W.
1895.		ROSS, ERNEST SYDNEY .. ..	{ Chief Inspector of Machinery,
			{ Public Offices, Hobart, Tas-
			{ mania.
1901.		ROSS, FREDERICK GEORGE ..	{ Nesbit Rd., Mazagon, Bombay.
1914.		ROSS, ROBERT HAROLD .. ..	{ Messrs. M. Ross, Browne & Co.,
			{ Trinity Square, Nottingham.
1912.		ROSSITER, THOMAS HENRY ..	{ Messrs. Chappell, Allen & Co., Red-
			{ field, Bristol.
1904.		ROSSITER, WILLIAM MORGAN	{ 88 Sinclair Road, West Kensing-
			{ ton, W.
1911.		ROTHERY, HOWARD GURNEY ..	{ Doloo Tea Estate, Daloo P.O.,
			{ Silchar, Cachar, India.
1901. G.}		ROUSE, FREDERICK ROBERT	{ 15 Clifton Gardens, Golder's Green,
1911. A.M.}		CHARLES .. .. .	{ N.W.
1884. G.}		ROUX, PAUL LOUIS .. .. .	{ 9 Rue des Bluets, Paris.
1898. A.M.}			
1899.		ROWE, JOHN .. .. .	{ Elm House, Camborne.
1909. G.}		ROWELL, HENRY SNOWDEN ..	{ 115 Adelaide Terrace, Newcastle-
1912. A.M.}			{ on-Tyne.
1907.		ROWLAND, JOHN DAVID .. ..	{ Messrs. Warne, Wright & Rowland,
			{ Watery Lane, Birmingham.
1907.		ROWLEDGE, ARTHUR JOHN ..	{ 16 Birch Grove, Acton, W.
1905.		ROYDS, ROBERT .. .. .	{ Royal Technical College, Glasgow.
1904.		RUDD, EDWARD WHITTEN ..	{ 10-16 Aberfeldy Street, Poplar, E.
1913.		RUDGARD, HAROLD .. .. .	{ Loco. Dept., Midland Railway
			{ (L.T. & S. Section), Plaistow, E.
1910.		RUSCOE, ALBERT OSWALD ..	{ Watling Works, Bletchley.
1902.	{	RUSH, CHARLES HENRY	{ 40 Castleton Mansions, Barnes,
	{	ERSKINE .. .. .	{ S.W.
			{ Chief Mech. Eng., Fuel Economiser
1906.		RUSHWORTH, DAVID .. ..	{ Dept., Clay Cross Co., near
			{ Chesterfield.
1911. G.}		RUSSEL, JOHN .. .. .	{ Messrs. J. Simpson & Co., 10 Clive
1914. A.M.}			{ Street, Calcutta.
1906.		RUTTY, HUGH LESLIE .. ..	{ Bassishaw House, Basinghall St.,
			{ E.C.
1904.		RYAN, JOHN .. .. .	{ 68 Avenue de la Grande Armée,
			{ Paris.
1897.		RYCROFT, JOHN EDWARD ..	{ Engineering Dept., Technical
			{ College, Bradford.
1912.		RYDER, ALFRED HAROLD ..	{ 55 Kimberley Drive, Crosby, Liver-
			{ pool.
1914.		RYDER, EDWARD HOWARD ..	{ c/o P. T. Houston, 57 Gracechurch
			{ Street, E.C.
1901.		SACCAGGIO, PIETRO CELESTINO	{ Chief Electrical Eng., Estacion
			{ Los Talleres, Ferro Carril del
			{ Sud, Buenos Aires, Arg. Rep.
1913.		SAGE, LEONARD .. .. .	{ Engineer's Office, Metropolitan
			{ Water Board, Brixton Hill, S.W.

Date of Election.			
1910.		SALMOND, HENRY .. .. .	25 Wellington St., Glasgow.
1906. G. }		SALWAY, ALEC DUDLEY .. .. .	Caixa Correio 11, Natal, Brazil.
1912. A.M. }			
1901. G. }		SANDALJIAN, BEDROS .. .. .	Westminster Station, Vermont, U.S.
1904. A.M. }			
1913.		{ SANDERS, FRANK ARTHUR .. .. .	121 Jerningham Rd., New Cross, S.E.
		{ HENRY .. .. .	
1904. G. }		SANDERS, PERCY ALAN .. .. .	Lexden Park, Colchester.
1907. A.M. }			
1911.		SANDERS, PHILIP MALCOLM .. .. .	{ "Motor Traction," 20 Tudor St., E.C.
1907. G. }		SANDERS, THOMAS HENRY .. .. .	Spring Dept., Messrs. Brown Bayley's Steel Works, Sheffield.
1911. A.M. }			
1914.		SANDERSON, ARNOLD .. .. .	{ Messrs. George Turton, Platts & Co., Sheffield.
1899. G. }		SANDERSON, HERBERT WIL- LIAM .. .. .	Ashfield, The Park, Mansfield.
1903. A.M. }			
1909.		SANYAL, RAJENDRA NATH .. .. .	{ Chief Eng., Lucknow Iron Works, Lucknow, India.
1912.		SARGENT, TOM .. .. .	{ Whitehall Iron Works, Whitehall, Bristol.
1903.		SAUNDERS, ALBERT FRANK .. .. .	{ Messrs. Saunders & Stuart, Aus- tralia Chambers, Sydney, N.S.W.
1904. G. }		SAUNDERS, CHARLES HENRY STANLEY .. .. .	Loco. Dept., Madras & S. Mahratta Railway, Hubli, Bombay Presi- dency.
1907. A.M. }			
1908.		{ SAUNDERS, FREDERICK WAL- TER THEODORE .. .. .	{ Transcontinental Railway, Port Augusta, South Australia.
1913.		SAUNDERS, SAMUEL MCINTYRE .. .. .	{ Messrs. Saunders & Taylor, 43 Lower Mosley St., Manchester.
1904.		SAUVÉE, LEON LOUIS .. .. .	{ Union Works, 60 Park St., South- wark, S.E. [ <i>Soves, London.</i> <i>Hop 2265.</i> ]
1908.		SAVIDGE, JOSEPH EDWARD .. .. .	{ Finsbury Technical College, Leonard Street, City Road, E.C.
1902. G. }		SAXBY - THOMAS, HUMBERT GEORGE .. .. .	Assist. Loco. & Carr. Supt., Burma Rlys. Co., Insein, Burma.
1909. A.M. }			
1908. G. }		SAXELBY, FRED ALBERT .. .. .	Castle Donington, Derby.
1912. A.M. }			
1903. G. }		SAYE, KENNETH NOEL .. .. .	Heathfield, Christchurch.
1906. A.M. }			
1908.		SAYER, SYDNEY .. .. .	{ 31 Savoy Chambers, Cairo, Egypt.
1911.		SCHETTLEB, GUSTAV ADOLF .. .. .	{ Works Manager, The Turner Co., Kandahar, Narborough Road, Leicester.
1893.		SCHLOESSER, ROBERT .. .. .	{ c/o Max Gorler, Castlereagh House, Castlereagh Street, Sydney, N.S.W.
1906.		SCHOEBERLEIN, FRITZ .. .. .	{ H.M. Dockyard, Rosyth, Fife- shire.
1913.		SCHOFIELD, FREDERICK JAMES .. .. .	{ Assist. Loco. Supt., Beira and Mashonaland and Rhodesia Rlys., P.O. Box 703, Bulawayo, Rhodesia.
1910.		SCHOFIELD, HERBERT .. .. .	{ The Technical Institute, Ladywell, Dover.

Date of Election.

1911.		SCHULTZ, ANDREW ALBERT ..	{ 10 Bush Lane, Cannon Street, E.C.
1902. G.)	}	SCHULTZ, GEORGE CHRISTO-	{ Dist. Loco. Supt., Loco. Dept., Midland Rly., Skipton.
1912. A.M.)		PHER .. .. .	
1913.	}	SCHUSTER, FREDERICK MARIA	{ British Coke Ovens Ltd., 7 Princes St., Westminster, S.W.
		NICHOLAS .. .. .	
1910.		SCHUSTER, LEONARD WALTON	{ English Sewing Cotton Co., Na- tional Bldgs., St. Mary's Parson- age, Manchester.
1900.		SCHUTTE, FRANCIS ALBERT ..	{ Otis Elevator Co., 4 Queen Victoria St., E.C.
1911.		SCHWENK, FREDERICK LOUIS	{ Cape Copper Co., Briton Ferry, Glam.
1912.		SCOFFHAM, FRANCIS BEW ..	{ Messrs. Taylor and Challen, Der- went Foundry, 60 and 62 Con- stitution Hill, Birmingham.
1905.		SCOTT, FREDERICK WILLIAM ..	{ Farm Place, Ockley, Dorking.
1902.		SCOTT, HENRY .. .. .	{ Electl. Eng., Inglewood Borough Council, Inglewood, N.Z.
1912.		SCOTT, JOHN MACDONALD ..	{ Messrs. James Pollock, Sons & Co., 3 Lloyd's Avenue, E.C.
1897.		SCOTT, NEWTON L. .. .. .	{ 3 Pancras Lane, E.C. [ <i>Scophot</i> , <i>London. Bank</i> 8086.]
1899.		SCOTT, ROBERT .. .. .	{ 299 Onslow Drive, Dennistoun, Glasgow.
1911.		SCOTT, WILLIE .. .. .	{ Messrs. Newton, Bean and Mitchell, Dudley Hill, Bradford.
1905.		SCOTT, WOOLBY LOCKWOOD ..	{ Messrs. Ransomes, Sims & Jefferies, Orwell Works, Ipswich.
1907.	}	SCOTT - LINDSLEY, HERBERT	{ Messrs. McKenzie & Holland, Worcester.
		LLEWELLYN .. .. .	
1909.	}	SCRIVENER, RALPH SAMUEL	{ Jamalpur, Bengal, India.
		RAVENSCROFT .. .. .	
1903. G.)	}	SEAGER, FRANCIS PERCY ..	{ M.C.E. Works, Dickinson Street, Manchester.
1907. A.M.)			
1908.		SEAGRIEF, CHARLES WILLIAM	{ 114 Longford Rd., Chorlton-cum- Hardy, Manchester.
1911.		SEATON, ARTHUR EDWARD ..	{ Power House Supt., La Sociedad Comercial de Monte Video, 67 Calle Rincon, Monte Video, Uruguay.
1899.		SECCHI, LEOPOLD .. .. .	{ 14 Veronica Road, Balham, S.W.
1908.		SECKER, JOHN HUGH .. .. .	{ Manager and Eng., Slough Water Works, Slough.
1914.		SEEWALD, CARL CONSTANTIN	{ Messrs. Takata & Co., 50 Church St., New York, U.S.
1910.		SELL, ROBERT .. .. .	{ Midland Rly.-Carriage and Wagon Co., Midland Works, Birming- ham.
1906.		SELLER, EDWARD .. .. .	{ 20 Queen's Road, Erith, S.O., Kent.
1903.		SEMARK, CHARLES HENRY ..	{ Faversham Iron Works, Faver- sham.
1906.		SEWELL, HERBERT WILLIAM ..	{ Messrs. T. H. Brooker & Co., 45-46 Fetter Lane, E.C.
1910.		SEXTON, WALTER JAMES ..	{ 26 Sandringham Road, Leyton, N.E.
1911.		SEYMOUR, HAROLD WILLIAM ..	{ Corporation Tramway Depôt, Intack, Blackburn.

Date of Election.

1892. G.)	SEYMOUR, WILLIAM FREDERICK	H.M. Inspector of Factories, Victoria Parade, Gallowtree Gate, Leicester.	
1896. A.M.)			EARL .. .. .
1911.	{ SHACKLEFORD, ARTHUR	English Club, 478 Bartolomé Mitre, Buenos Aires, Arg. Rep.	
	{ NEVILLE .. .. .		
1904.	SHACKLETON, ERNEST .. .	Sverre Lodge, 56 Lyndhurst Grove, Peckham, S.E.	
1901.	{ SHADWELL, LANCELOT HORACE	Harbour Engineer, Port Natal, S. Africa.	
	{ AUGUSTUS .. .. .		
1903.	SHANAN, CHARLES HENRY .. .	Maple Hayes, Mussoorie, U.P., India.	
1914.	SHANN, WILLIAM ROBINSON .. .	Dunster, Bulmer Road, New Barnet.	
1907.	SHAPTON, NORMAN WILLIAM .. .	Sir W. G. Armstrong, Whitworth & Co., 8 Great George St., Westminster, S.W.	
1907. G.)	SHARP, FRANCIS SAMUEL .. .	British Oxygen Co., East Moors, Cardiff.	
1911. A.M.)			
1898. G.)	SHARP, WILLIAM .. .. .	Messrs. A. & J. Main & Co., Caxton House, Westminster, S.W.	
1906. A.M.)			
1906.	SHARPE, GERALD .. .. .	Rosslyn, South Road, Chorley Wood, Herts.	
1901. G.)	SHARPLEY, REGINALD .. .. .	Inschfield, Weybridge.	
1905. A.M.)			
1906. G.)			
1914. A.M.)	SHAW, ARCHIBALD THOMAS .. .	19 Castleton Road, Upper Walthamstow, N.E.	
1910.	SHAW, CHARLES FREDERICK .. .	Ardeen, Milner Road, Sea Point, Cape Town, Cape Colony.	
1909.	SHAW, JOHN .. .. .	Manager, Messrs. John Shaw & Sons (Salford), Wellington St. Works, Salford, Manchester.	
1909.	SHAW, PETER .. .. .	Man. Direc., Messrs. John Shaw & Sons (Salford), Wellington St. Works, Salford, Manchester.	
1905.	SHAW, THOMAS RAYNOR .. .	4 Ellastone Road, Pendleton, Manchester.	
1902. G.)	SHAW, WILLIAM CALVERT .. .	Messrs. Joseph Shaw & Son, Albert Works, Lockwood, Huddersfield.	
1909. A.M.)			
1900.	SHAW, WILLIAM CAMPBELL .. .	Elnor House, Whaley Bridge, Stockport.	
1912.	SHAW, WILLIAM MORRIS .. .	Chief Eng., Messrs. Charles Moore and Co., Lymm, Cheshire.	
1908.	SHEARER, WILLIAM .. .. .	8 Frederick St., Edinburgh.	
1905. G.)	SHEARMAN, JOHN, JUN. .. .	Meadowside, Wistaston, Nantwich.	
1913. A.M.)			
1913.	SHEBBEARE, FRANCIS WOLFE	12 College Green, Gloucester.	
1908. G.)	SHENSTONE, WILLIAM MCCAL-	5 Burnaby Gardens, Chiswick, W.	
1912. A.M.)			MAN .. .. .
1909.	SHENTON, JAMES WILLIAM .. .	The Leeds Forge Co., Leeds.	
1914.	{ SHEPHERD, FRANK WILLIAM	Messrs. Compayne, 64 Victoria Street, Westminster, S.W.	
	{ HARDING .. .. .		
1892. G.)	SHEPHERD, JAMES HORACE .. .	G.W. Rly., Swindon; and 10 Gloucester St., Swindon.	
1905. A.M.)			
1906.	SHEPHERD, JAMES WHALEY .. .	Chief Eng., Carnatic Mills Co., Madras.	
1913.	SHEPPARD, HARVEY .. .. .	Hull Steam Trawlers' Mutual Insurance Co., Hull.	
1912.	SHERET, DAVID ALEXANDER .. .	Enerdale House, Heaton Grove, Newcastle-on-Tyne.	

## Date of Election.

1910.	SHERMER, HERBERT LEGASSICK	Messrs. Reunert & Lenz, P.O. Box 92, Johannesburg, Transvaal.
1904.	SHERWIN, JOHN WALLIS .. ..	317 Portage Avenue, Winnipeg, Canada.
1899.	SHIBA, CHUZABURO .. ..	Engineering College, Imperial University, Tokyo, Japan.
1914.	SHIELD, JAMES BOYD .. ..	Works Manager, Messrs. Anderson Boyes & Co., Flemington Electrical Works, Motherwell.
1903.	SHINER, ALBERT EDWARD .. ..	Bleak House Engineering Works, 2 Holborn Bldgs., Holborn Bars, E.C. [ <i>Holborn 1751.</i> ]
1907.	SHINNIE, PATRICK NESS .. ..	Messrs. R. & J. Shinnie, 7 Union Row, Aberdeen.
1903. G. } 1904. A.M. }	SHOOLBRED, ANDREW REID .. ..	Messrs. G. J. Worssam & Son, Wenlock Rd., City Rd., N.
1905.	SHORTHOUSE, BENJAMIN .. ..	303 High Holborn, W.C.
1906.	SILVERSTEEN, WILLIAM .. ..	Messrs. W. Silversteen & Co., 147 Cannon St., E.C.
1912.	SIMON, LOUIS JOHN .. ..	5 Holmdene Avenue, Herne Hill, S.E.
1906.	SIMPER, WILLIAM ALFRED .. ..	Messrs. Blackstone & Co., 81 Cannon St., E.C.
1900.	SIMPSON, DONALD GRAFTON .. ..	Trafalgar Works, Barbados, W. Indies.
1905. G. } 1913. A.M. }	SIMPSON, FREDERICK DUDLEY	Messrs. F. R. Simpson & Co., Oldbury, Birmingham.
1909.	SIMPSON, HERCULES .. ..	De Beers Consolidated Mines, Kimberley, South Africa.
1894. G. } 1900. A.M. }	SIMPSON, LIGHTLY STAPLETON	Assist. Loco. Supt., B. A. and Pacific Railway, 783 Florida, Buenos Aires, Arg. Rep.
1896. G. } 1901. A.M. }	SIMPSON, NORMAN DE LISLE	Messrs. D. M. Simpson & Co., Trafalgar Works, Bridgetown, Barbados, W. Indies.
1898.	SIMPSON, STEPHEN .. ..	Messrs. Willey & Co. Ltd., Exeter.
1913.	{ SIMS, GEORGE PATRICK WIL- LIAM .. ..	21 Cromwell Road, Beckenham.
1912.	SINCLAIR, HERBERT .. ..	Messrs. Octavius Steel and Co., 14 Old Court House St., Calcutta.
1912.	SINGLETON, SAMUEL MARTIN .. ..	Chief Eng., Messrs. George Younger & Son, Alloa.
1902. G. } 1911. A.M. }	SINGTON, LEONARD FRANCIS SYMONS .. ..	Managing Director, Lord-Howe Electrical Engineering Co., 18 James St., Liverpool.
1911.	SKEATES, CONRAD CLEMMANS	G.E. Rly. Electrical Engineer's Office, Liverpool St. Station, E.C.
1905. G. } 1912. A.M. }	SKIDMORE, THOMAS EMMOTT	British Cigarette Co., 22 Museum Road, Shanghai, China.
1913.	{ SKILLING, FRANK GEORGE, R.N. .. ..	H.M.S. "Hindustan," 3rd Battle Squadron, c/o Postmaster General, E.C.
1902.	SKINNER, GEORGE .. ..	1643 De La Roche St., Amherst Park, Montreal, Canada.
1905.	SLATER, ERNEST .. ..	"The Electrical Times," Sardinia House, Kingsway, W.C.
1902.	SMAIL, CHARLES GEORGE .. ..	Corp'n. Light Rly. and Electricity Dept., London Rd., Southend-on-Sea.

Date of Election.

1911.		SMEDLEY, FREDERICK THOMAS	{ Messrs. Duke and Ockenden, 126 Southwark Street, S.E.
1901.		SMEETON, JOHN ALFRED .. ..	{ 56 Victoria St., Westminster, S.W.
1914.		SMILLIE, JAMES .. ..	{ 11 Endsleigh Gardens, N.W.
1912.		SMITH, ALEXANDER JOHN .. ..	{ Messrs. Babcock & Wilcox, Yurakuchō, Kojimachi-ku, Tokyo, Japan.
1904. G.}		SMITH, ARTHUR JOEL .. ..	{ Wainlode, 216 Bristol Rd., Edgbaston, Birmingham.
1905. A.M.}			
1904. G.}		SMITH, ARTHUR MACKLOW .. ..	{ 4 and 5 Queen Anne's Chambers, Westminster, S.W.
1910. A.M.}			
1911.		SMITH, CHARLES .. ..	{ Cambridge Electric Supply Co., Thompson's Lane, Cambridge.
1915.		SMITH, CHARLES ALFRED .. ..	{ Mining and Metallurgical Club, 8 London Wall Buildings, E.C.
1909. G.}		SMITH, CHARLES ST. VINCENT	{ Ordnance Dept., Messrs. Vickers Ltd., Vickers House, Broadway, Westminster, S.W.
1914. A.M.}			
1907.		SMITH, DAVID .. ..	{ Loco. Dept., Glasgow and S.W. Railway, Kilmarnock.
1902. G.}		SMITH, ERNEST EDWARD .. ..	{ Messrs. Calthrop & Partners, Eldon Street House, Eldon St., E.C.
1904. A.M.}			
1913.		SMITH, FRANCIS BEDE .. ..	{ Mozufferpore, Behar, India.
1906. G.}		SMITH, FREDERICK GEORGE .. ..	{ Messrs. Wellman, Seaver and Head, 47 Victoria St., Westminster, S.W.
1910. A.M.}			
1895. G.}		SMITH, FREDERICK HARD-CASTLE .. ..	{ Steam & Electric Crane Works, Old Foundry, Rodley, Leeds. [Smith, Rodley, Stanwingley 18.]
1900. A.M.}			
1899.		SMITH, FREDERICK HUGH .. ..	{ Babcock & Wilcox Co., Oriol House, Farringdon St., E.C.
1912.		SMITH, FREDERICK SEXSTONE	{ Dist. Loco. Supt., F. C. Central Argentino, Villa Maria, Arg. Rep.
1898. G.}		SMITH, GEORGE ALFRED .. ..	{ Kedleston, 59 Bostall Hill, Plumstead, S.E.
1905. A.M.}			
1914.		SMITH, GEORGE WILLIAM .. ..	{ Res. Chief Eng., Brompton Hospital Sanatorium, Frimley, Farnborough, Hants.
1904. G.}		SMITH, HAROLD .. ..	{ Messrs. Mather & Platt, Park Works, Manchester.
1905. A.M.}			
1898.		SMITH, HERBERT WILLIAM .. ..	{ Messrs. S. Smith & Sons (Nottm.), Basford Brass Wks., Nottingham; and Springdale, Winchester St., Sherwood, Nottingham.
1912.		SMITH, HUBERT ELWELL .. ..	{ Genl. Manager, Messrs. Spensers, 53 South Molton Street, W.
1906.		SMITH, ISAAC HOUSBY .. ..	{ 3 Ash Grove, Shotton, Chester.
1913.		SMITH, JAMES .. ..	{ Lanarkshire Steel Co., Motherwell.
1912.		SMITH, JAMES THOMSON .. ..	{ High Street, Carlisle.
1914.		SMITH, JOHN BARDELL .. ..	{ 107 Lothair Road, Leicester.
1900.		SMITH, JOHN SMART .. ..	{ Messrs. S. Pearson & Son, 47 Parliament St., S.W.
1914.		SMITH, JOSEPH DAVID .. ..	{ 47 Kenilworth Rd., Westmorland Rd., Newcastle-on-Tyne.
1891. G.}		SMITH, JOSEPH PHILIP GRACE	{ 76 Chetwynd Road, Kentish Town, N.W.
1894. A.M.}			
1913.		SMITH, LOUIS VICTOR .. ..	{ The Laurels, Gravelly Hill, Birmingham.
1905.		SMITH, MATTHEW SIDNEY .. ..	{ 32-34 Clarence Street, Sydney, N.S.W.

Date of Election.

1909.	SMITH, PERCY PHILIP OSCAR	{ Messrs. Braithwaite & Kirk, Crown Bridge Works, West Bromwich.
1898. G. } 1905. A.M. }	SMITH, RALPH VERNON .. ..	{ Messrs. S. Smith & Sons (Nottm.), Basford Brass Wks., Nottingham; and 2 First Avenue, Sherwood Rise, Nottingham.
1904. G. } 1914. A.M. }	SMITH, STANLEY CARLTON .. ..	{ Messrs. W. H. Allen, Son & Co., Queen's Engineering Works, Bedford.
1902. G. } 1913. A.M. }	SMITH, SYDNEY ABBOTT .. ..	66 Elystan Street, Chelsea, S.W.
1910.	SMITH, SYDNEY WILLIAM .. ..	{ Engineer - in - Charge, Secondee Water Works, Gold Coast, W. Africa.
1898.	SMITH, THOMAS JOHN .. ..	{ 6 Manila Place, Akron, Ohio, U.S.
1903. G. } 1905. A.M. }	SMITH, ULBRIC VIVIAN .. ..	29 Cordiner Street, Mount Florida, Glasgow.
1900. G. } 1902. A.M. }	SMITH, WALTER TOM .. ..	{ Steam & Electric Crane Works, Old Foundry, Rodley, Leeds. [Smith, Rodley, Stanningley 18.]
1906.	SMITH, WARREN BODEN .. ..	66 Elystan Street, Chelsea, S.W.
1911.	SMITH, WILLIAM GARNER .. ..	66 Elystan Street, Chelsea, S.W.
1904.	SMITH, WILLIAM JOSEPH .. ..	{ Midland Rly. Carriage Dept., Derby.
1911.	{ SMORTHWAITE, GEORGE WILLIAM .. .. .. }	Battersea Polytechnic, S.W.
1909.	SMYTH, EDWARD WATSON .. ..	{ Messrs. Joshua Buckton & Co., Well House Foundry, Leeds.
1901.	SMYTH, JOHN MCFALL .. ..	Askern, Barnet.
1901.	{ SMYTH, WILLIAM MILLER CAMPELL .. .. .. }	{ Messrs. George Kemp, Brewery Rd., Holloway, N. [Genoveva, London. North 3063-4.]
1906.	SMYTHE, ALAN THEODORE .. ..	10 Lansdowne Rd., Dublin.
1905.	SNOW, WILLIAM RAEBURN .. ..	{ Messrs. William Hosken & Co., P.O. Box 667, Johannesburg, Transvaal.
1906.	SOKAL, SIEGMUND .. ..	{ 55 Chancery Lane, W.C. [Sokalsig, London. Holborn 4515.]
1906.	SOMERVILLE, LINDSAY .. ..	16 Downs Park East, Bristol.
1903. G. } 1906. A.M. }	SOMMERVILLE, ALFRED .. ..	Corpn. Tramways Depôt, Ayr.
1913.	{ SOWARD, HENRY WILLIAM FREDRICK .. .. .. }	{ Messrs. Wellman, Seaver & Head, 47 Victoria St., Westminster, S.W.
1910.	SOWDEN, GEORGE HENRY .. ..	{ Lacy's (Dewsbury) Ltd., Aldams Road, Dewsbury.
1900. G. } 1902. A.M. }	SOYLES, BERNARD DE .. ..	{ Messrs. Godwin Warren & Co., Redcliff St., Bristol.
1908.	SPALDING, EDMUND WILLIAM	c/o Messrs. Ruston, Proctor & Co., Sheaf Iron Works, Lincoln.
1902. G. } 1911. A.M. }	SPEAR, CHARLES OSCAR .. ..	{ 48 Wellington Road, St. John's Wood, N.W.
1907.	SPENCER, ARTHUR JOHN .. ..	{ The Science Museum, Board of Education, S. Kensington, S.W.
1901.	{ SPENCER, ARTHUR LINCOLNE HITCHCOCK .. .. .. }	{ Mgr., Messrs. W. H. Spencer & Co., Hitchin. [Engine, Hitchin. 5.]
1912.	SPENCER, PHILIP .. ..	{ Messrs. Burn & Co., Howrah, Bengal.

## Date of Election.

1901.	{	SPENCER, WILLIAM EDWARD	}	36 Cheriton Sq., Balham, S.W.	
		SPENCER HITCHCOCK .. ..			
1908.		SPENSLEY, JACOB WILLIAM ..	{	Chemical Engineering Co., 29 Barton Arcade, Deansgate, Manchester.	
1911.		SPERRING, BERTRAM FORD ..	{	Messrs. W. H. Sperring and Co., Albion Iron Works, Lake Rd., Landport, Portsmouth.	
1905.		SPICER, FREDERICK LEMUEL	{	Middlesex Works, School Rd., Hampton Wick.	
1899.		SPILLER, CLAUDE .. .. .	{	54 Hanover Rd., Plumstead.	
1910.		SPINKS, JOHN JAMES .. ..	{	Anglo-Egyptian Oilfield Co., Ras Gamsah, c/o Messrs. Beyts & Co., Suez, Egypt.	
1905.		SPINNEY, REGINALD DAWES ..	{	15 Conduit Street, Regent Street, W.	
1910. G.)	}	SPOONER, ALAN .. .. .		61 Victoria Avenue, Worcester.	
1914. A.M.)					
1912.					
1912.		SPRAGUE, JOSEPH ERNEST ..	{	31 Gelliwastad Road, Pontypridd.	
1913.		SPRATT, EDWIN HARRY .. ..	{	Ensign Works, Clifford Road, Walthamstow, N.E.	
1904.		SPRING, ARTHUR LAWRENCE ..	{	City Engineer's Dept., Guildhall, Hull.	
1903.		SPURR, GILBERT RICHARD ..	{	Electricity Works, Priory Avenue, Walthamstow, N.E.	
1900.		SQUIRE, GEORGE FREDERICK	{	Little Croft, Steventon, S.O., Berks.	
1909. G.)	}	STANDLEY, GEORGE ARTHUR ..		Messrs. Samuel Platt, King's Hill Foundry, Wednesbury.	
1913. A.M.)					
1912.					
		{	STANFIELD, JOSEPH REGINALD	{	Lion Chambers, 77 St. Mary Street, Cardiff.
		MONTAGUE .. .. .			
1903. G.)	}	STANFORD, ERIC SPENCER ..		36 Cheriton Sq., Balham, S.W.	
1911. A.M.)					
1903.	{	STANGER, REGINALD HARRY	{	Broadway Testing Works, Broadway, Westminster, S.W. [West 117.]	
		HURSTHOUSE .. .. .			
1912.		STANIER, HENRY DRUMMOND	{	Marsden Chambers, 105 Market Street, Manchester.	
1905. G.)	}	STANIER, JOHN HAMILTON ..		149 Stratford Road, Heaton, Newcastle-on-Tyne.	
1913. A.M.)					
1904.					
		STANLEY, HARRY FRANK, JUN.	{	48 Denmark Road, Southport.	
1911.		STAPLEY, ALFRED .. .. .	{	Tasmanian Metals Extraction Co., 115 Victoria St., Westminster, S.W.	
1906.		STARKIE, JAMES EDMUND ..	{	Boro' Electrical Eng., Electricity Supply Works, Burnley.	
1903. G.)	}	STAVELEY, DOUGLAS DUNBAR		c/o Post Office, Pense, Saskatchewan, Canada.	
1907. A.M.)					
1902.	{	STEDMAN, GEORGE PERCY	{	62 Elmhurst Road, Reading.	
		WILLIAM .. .. .			
1914.		STEAD, CHARLES SLATER ..	{	The "M. and G." Truck and Engineering Co., St. John's House, Minorities, E.	
1902. G.)	}	STEED, ALFRED WILLIAM ..		H. M. Patent Office, 25 Southampton Buildings, Chancery Lane, W.C.	
1907. A.M.)					
1904.	{	STEEDMAN, HENRY PERCY	{	121A Victoria Street, Westminster, S.W.	
		GORMANSTON .. .. .			
1900.		STEEL, THOMAS JOHN .. ..	{	San Isidro Estate, Santo Domingo, West Indies.	



Date of Election.

1901.	STEPHENS, HILLIARD .. ..	{ 28 Victoria Street, Westminster, S.W.
1910. G.) 1914. A.M.)	STEPHENS, ROBERT RANDOLPH	{ 86 Park Avenue, Barrow-in-Fur- ness.
1908.	STEPHENSON, HAROLD VICTOR	{ Car & General Insurance Corpn., 83 Pall Mall, S.W.
1911.	STERN, SYDNEY LEONARD ..	{ Pacific Club, Victoria, British Columbia.
1899.	STEVENS, EDWIN CHARLES ..	{ 19 Ingate Place, Queen's Rd., Battersea, S.W. [ <i>Hydraulics, London. Battersea 115.</i> ]
1902. G.) 1907. A.M.)	STEVENSON, EDWARD JAMES ..	{ Marine Dept., Messrs. Vickers Ltd., Barrow-in-Furness.
1912.	STEVENSON, WILLIAM LEWIS	{ Electrical Divn., P. W. D., Treasury Buildings., Hastings St., Cal- cutta.
1899. G.) 1903. A.M.)	STEWART, CHARLES .. .. .	{ P.O. Box 800, Victoria, B.C.
1910.	STEWART, CHARLES DUNCAN	{ Tientsin Gas and Electric Light Co., Tientsin, China.
1913.	STEWART, CHARLES EDWARD	{ Eddison Steam Rolling Co., Dor- chester.
1908.	STEWART, CHARLES JOHN ..	{ Hazelwood, Selly Park, Birming- ham.
1907.	STIGANT, GEORGE ALEXANDER	{ Headquarter Offices, S.A. Rlys., Johannesburg, Transvaal.
1912.	STIRLING, ANDREW GIBSON ..	{ 12 Water Street, Georgetown, Demerara, British Guiana.
1907.	{ ST. LEGIER, Eng. Lieut. ARCH- BALD SAMUEL DE, R.N. ..	{ H.M.S. "Falmouth," Second Fleet, c/o Postmaster General, E.C.
1909.	STOCKLEY, CHARLES RENNIE ..	{ Clearbrook, 350 Cherryhinton Rd., Cambridge.
1911.	STOCKTON, EDWARD GRIMMITT	{ 153 High Street, Burton-on-Trent.
1913.	STOKES, HARRY POTTS .. ..	{ Boro' Electrical Eng. and Tram- ways Mgr., Urban Dist. Council, Bexley Heath, Kent.
1901.	STOKES, JOHN THOMAS .. ..	{ 15 Bellasis Avenue, Streatham Hill, S.W.
1911.	STONE, THOMAS ALFRED FOOTE	{ Loco. Supt's. Office, N.W. Rly., Lahore, India.
1900. G.) 1904. A.M.)	STONEBRIDGE, ARTHUR WAT- SON .. .. .	{ Lindlie Chambers, 6 Hastings St., Calcutta, India.
1901.	STONES, WILLIAM GRIMSHAW	{ 24 Preston New Road, Black- burn.
1906.	STOREY, CLIFFORD BARTON ..	{ Harley Rectory, Much Wenlock, S.O., Salop.
1911.	STORR, JOHN EDWIN .. ..	{ Wisteria, Old Park Road, Round- hay, Leeds.
1905.	STOTESBURY, RICHARD HENRY	{ Homeville, Stonehouse, Glos.
1904.	STOVE, ALFRED EDWIN .. ..	{ Hastings House, 10 Norfolk St., Strand, W.C. [ <i>Nunan, London. Gerrard 2896.</i> ]
1899. G.) 1902. A.M.)	STOW, GEORGE .. .. .	{ Mercantile Chbrs., High St., New- port, Mon.
1909.	STOWE, HENRY JOHN DANFRITH	{ Messrs. Babcock & Wilcox, Clive Bldgs., Calcutta, India.
1908.	STRACHAN, ARTHUR .. .. .	{ 12 Thornhill Gardens, Sunderland.
1912.	{ STRACHAN, JAMES ALEXANDER PIERSON .. .. .	{ United Engineers Ltd., Singapore, Straits Settlements.

## Date of Election.

1912.	STRATFORD, AUBREY BERTRAM	{ British Westinghouse Co., c/o Russian Electric Co. "Dynamo" Ltd., Bolshaya Konushennaya 17, Petrograd, Russia.
1911.	STRETCH, CHARLES KINGSLEY	{ Supt. of Public Works, Antigua, West Indies.
1914.	STRINGER, HERBERT ALFRED	{ Electricity Works, Hoylake, Bir- kenhead.
1904.	STRINGER, PERCY .. .. .	{ Messrs. Tasker & Sons, Andover.
1904. G. } 1907. A.M. }	STRINGER, ROBERT .. .. .	{ Vacuum Oil Co., William Street, Melbourne, Victoria.
1898. G. } 1900. A.M. }	STRONG, ALFRED GEORGE .. .. .	{ Norfolk Works, St. Paul's, Bristol. [ <i>Omega, Bristol.</i> 289.]
1913.	STRONG, HENRY .. .. .	{ Prudential Buildings, King Edward St., Hull.
1910.	STUART, EDWARD JOHN .. .. .	{ 20 Westminster Palace Gardens, Victoria St., S.W.
1911.	STUBBS, ARTHUR .. .. .	{ 299 Gillott Road, Edgbaston, Birmingham.
1901.	STUBBS, HERBERT .. .. .	{ Manual Instruction Dept., Higher Grade School, Wolverhampton.
1914.	STURCH, HENRY ARTHUR .. .. .	{ Arden Villa, Station Road, Kenil- worth.
1909.	STURGEON, HENRY CURRAN .. .. .	{ 15 Ayresome Terrace, Roundhay, Leeds.
1907.	STURROCK, FREDERICK CLAUDE	{ P. O. Box 2863, Johannesburg, Transvaal.
1904.	STURROCK, JAMES FLEMING .. .. .	{ Messrs. Robertson and Orchar, Wallace Foundry, Dundee.
1894. G. } 1897. A.M. }	SUFFIELD, FRANK WILSON .. .. .	{ 57 Colmore Row, Birmingham. [ <i>Steelwork, Birmingham. Central</i> <i>5747.</i> ]
1912.	SUGG, HARRY GUY .. .. .	{ 44 Cloncurry St., Bishops Park, S.W.
1904. G. } 1912. A.M. }	SUGGATE, CLAUDE FRANCIS DENNY .. .. .	{ Electrical Engr.'s Dept., G.E. Rly., Norton Folgate, E.
1901.	{ SUMMERFIELD, RICHARD DUN- NING .. .. .	{ 11 School Rd., Moseley, Birming- ham.
1909.	SUMNER, ARTHUR WILLIAM .. .. .	{ Elmhurst, High View Avenue, Grays.
1906.	SUMNER, GEORGE GEOFFRY .. .. .	{ 7 Ward Road, Dundee.
1902.	SUMNER, LEONARD .. .. .	{ Broughton Copper Co., Manchester. [ <i>Copper Co., Manchester.</i> 638.]
1903.	SUNDERLAND, WALLACE .. .. .	{ 2 Hovingham Terrace, Harehills Lane, Leeds.
1912.	SUTCLIFFE, ARNOLD RILEY .. .. .	{ Campbell Gas Engine Co., King- ston, Halifax.
1900.	SUTCLIFFE, EDGAR ROUSE .. .. .	{ Messrs. Sutcliffe, Speakman & Co., Leigh, Lancs.
1904.	SUTHERLAND, DONALD .. .. .	{ Messrs. Hawthorns & Co., Leith Engine Works, Leith.
1896.	SUTHERLAND, JAMES .. .. .	{ Manager, Alumina Factory, Larne Harbour, Co. Antrim, Ireland. [ <i>Aluminium, Larne Harbour.</i> ]
1903.	{ SUTHERLAND, KENNETH WAL- LACE .. .. .	{ Messrs. Todd and Samuel, 65-69 Brookman's Bldg., Adelaide, S. Australia.
1894.	SUTTON, HUGH REGINALD .. .. .	{ Messrs. Mackies, Berks Iron Works, Caversham Rd., Reading. [ <i>Mackies, Reading.</i> 86.]

## Date of Election.

1908.	SWAIN, EDWARD HENRY ..	{ Eng. and Manager, Gas Works, Treforest, Pontypridd.
1912.	SWAIN, HERBERT JOHN .. ..	{ Mech. Eng. Dept., Sydney Tech. Coll., Sydney, N.S.W.
1902.	SWAN, EDWARD MONTGOMERY	{ Gordon Chbrs., 81 Queen St., Cardiff.
1905.	SWAN, WILLIAM ROBERT ..	{ Suptg. Naval Civil Eng., Navy Office, Melbourne, Victoria.
1903. G.}	SWARBRICK, FREDERICK ..	{ Eng. & Mgr., Minehead Electric Supply Co., Friday St., Minehead.
1913. A.M.}		
1904.	SWEATMAN, HARRY .. ..	{ P.O. Box 1899, Vancouver, British Columbia.
1914.	SWIFT, HERBERT CYRIL .. ..	{ c/o E. C. Amos, 22 Martin's Lane, Cannon Street, E.C.
1909.	SWIFT, JAMES THOMAS BOLTON	{ Micklem Hall, Oxford.
1904.	SWINCHATT, PERCIVAL HALL ..	{ Govt. Technical School, Lucknow, India.
1914.	SWINDELLS, HARRY CAWLEY	{ Head Quarter Offices, South African Railways, Johannesburg, Transvaal.
1913.	SWINSON, WILFRED CHARLES	{ Campbell Gas Engine Co., 73A Queen Victoria St., E.C.
1905.	SYKES, FRED .. .. .	{ Technical School, Lincoln.
1906.	SYMONDS, PERCIVAL HERBERT	{ 209 Rustlings Road, Sheffield. [Broomhill 587.]
1905. G.}	SYMONS, ANGUS BRYANT ..	{ Messrs. Bryant Symons & Co., 320 St. John St., E.C. [City 3673.]
1912. A.M.}		
1904.	SYMONS, JAMES FRANCIS ..	{ Mech. Engineering Dept., L.C.C., Spring Gardens, S.W.
1909.	SZYMANOWSKI, KONRAD .. ..	{ Countess Tolstoy House, Flat 507, Troitzkaya 15, Petrograd, Russia.
1887. G.}	TABOR, EDWARD HENRY ..	{ 1 Glenluce Road, Blackheath, S.E.
1895. A.M.}		
1912.	TAIT, REGINALD ARNAN ..	{ 14 Summerfield Rd., Ealing, W.
1900. G.}	TAITE, GEOFFREY CHARLES ..	{ Messrs. Taite & Carlton, Sanctuary House, 33 Tothill St., Westminster, S.W. [Victoria 6925.]
1903. A.M.}		
1902. G.}	TALBOT, ERNEST .. .. .	{ (Staff Sergeant), Q.M.G. 3, War Office, Whitehall, S.W.
1905. A.M.}		
1907.	TANFIELD, RICHARD .. ..	{ Roodebloem, Woodstock, Cape Town, Cape Colony.
1914.	TARLTON, EDWARD SMEDLEY	{ Kumerdubi, Barakar P.O., E. I. Rly., Bengal.
1912.	TARRANT, ARTHUR NORMAN ..	{ Messrs. Duckham & Cloudsley, Palace Chbrs., Bridge St., Westminster, S.W.
1899.	TAVERNER, HERBERT LACY ..	{ West India House, 96-98 Leadenhall St., E.C.
1902.	TAYLOR, ARTHUR .. .. .	{ 71 Victoria Avenue, Southend-on-Sea.
1897.	TAYLOR, ARTHUR JOSEPH ..	{ 22 Waldemar Rd., Wimbledon Park, S.W.
1909.	TAYLOR, ARTHUR WALTER ..	{ Waltons Bldgs., 5 New Brown St., Manchester.

## Date of Election.

1905.		TAYLOR, CHARLES ALBERT ..	21 Sydney St., Chelsea, S.W.
1911.		TAYLOR, CLEMENT BRAMLEY ..	{Diamond Jubilee Estate, Jasin, Malacca, Straits Settlements.
1902.		TAYLOR, DUDLEY FOSTER ..	{111 Kingsbury Rd., Erdington, Birmingham.
1899. G.)	}	TAYLOR, FRANK COSTON ..	{11 Egyptian House, 170 Piccadilly, W.
1902. A.M.)		TAYLOR, FREDERIC HENRY ..	19 Old Queen St., Westminster, S.W.
1907.		TAYLOR, FREDERICK .. ..	{Corp'n. Tramways Dept., Shiffnall St., Bolton.
1913.		TAYLOR, GEORGE HENRY ..	9-11 Fenchurch Avenue, E.C.
1901. G.)	}	TAYLOR, GEORGE STEVENSON	{H.M. Inspector of Factories, Home Office, S.W.
1905. A.M.)		TAYLOR, HERBERT GEORGE ..	King's College, Strand, W.C.
1913.		TAYLOR, HERBERT GEORGE ..	{Kingston House, Marine Parade, Sheerness.
1910.		TAYLOR, JAMES HENRY .. ..	{Messrs. Taylor and Hutchinson, 610 Royal Liver Building, Water St., Liverpool.
1909.		TAYLOR, LIONEL STANLEY ..	Town Quay, Falmouth.
1908.		TAYLOR, SAMUEL LARK .. ..	{Indented Bar & Concrete Engineer- ing Co., 43 Jackson Avenue, Gledhow, Leeds.
1909.		TAYLOR, WALTER REGINALD ..	18 Lowgate, Hull. [Motors, Hull. 548.]
1905.		TAYLOR, WILFRID .. ..	Members Mansions, 38 Victoria St., Westminster, S.W.
1910. G.)	}	TAYLOR, WILLIAM ARTHUR	{Manager, Messrs. Ronald Trist & Co., Royal London Buildings, Deansgate, Manchester.
1912. A.M.)		TREVOR .. .. .	14 Romford Street, Burnley.
1913.		TAYLOR, WILLIAM HOWARD ..	{2 Denstone Road, Irlams-o'-th'- Height, Manchester.
1912.		TAYLOR, WILLIAM THOMAS ..	District Engineer, Mozufferpore, T.S. Rly., India.
1910.		TELFORD, LANCELOT LINCOLN	84 Daisy Road, Edgbaston, Bir- mingham.
1910.		TEMPLE, FREDERICK CHARLES	{Madras and S.M. Railway Co., Arkonam, S. India.
1910. G.)	}	TEMPLE, SAMUEL HERBERT ..	{Alexandria Water Works, Alex- andria, Egypt.
1914. A.M.)		TENCH, JOHN ANTHONY .. ..	10 Aspinall Street, Prescott.
1909.		TENNANT, ALFRED MARMA- DUKE .. .. .	{Messrs. John Thompson & Co., 63 Queen Victoria St., E.C.
1904.		TENNANT, JAMES .. .. .	Exchange Bldgs., 6 St. Mary's Gate, Manchester.
1902.		TESTER, ARTHUR LUSCOMBE	{6 Haslemere Villas, St. Ives, Hunts.
1908.		TETLEY, THOMAS REGINALD	{Engineer's Office, West India Docks, E.
1908.		{TETLEY, THOMAS REGINALD HERBERT .. .. .	14 Str. Costache Negri, Bucharest, Roumania.
1914.		THAIN, WALTER FREDERICK	Canal Foundry, Blackburn.
1913.		THATCHER, IVAN JAMES .. ..	{London Central Markets Cold Storage Co., 51 Charterhouse St., E.C.
1908. G.)	}	THIEME, HERMANN CARL ANTON	Leighford, Southbury Rd., Enfield.
1913. A.M.)		THOM, FRANK .. .. .	70 Melody Rd., Wandsworth, S.W.
1896. G.)	}	THOM, JOHN .. .. .	
1901. A.M.)		THOMAS, ADOLPHUS HENRY ..	

## Date of Election.

1914.	THOMAS, ARTHUR DALES ..	{ Chief Mech. Eng., Messrs. Price's Patent Candle Co., Bromborough Pool, Birkenhead.
1906.	THOMAS, FRANK .. .. .	{ Chief Eng., Buckingham Mill, Madras.
1905. G. } 1912. A.M. }	THOMAS, FRANK GEORGE ..	{ Principal, Technical College, Grey-mouth, Westland, New Zealand.
1909.	THOMAS, GEORGE ALLAN ..	{ De Aguila Cia., Mechanical Dept., Apartado 150, Tampico, Tamps, Mexico.
1907.	THOMAS, JOHN VICK .. ..	{ 14 Alexandra Rd., Gloucester.
1913.	THOMLINSON, ROBERT .. ..	{ Supt. Eng., L.C.C. Pumping Station, Abbey Mills, Stratford, E.
1912.	THOMPSON, ALBERT EDWARD	{ 3 Westbourne Square, Paddington, W.
1901. G. } 1902. A.M. }	THOMPSON, EDGAR WAKELIN	{ Messrs. Thompson & Gidley, 14 Hummum St., Bombay.
1901.	{ THOMPSON, FREDERICK WILBERFORCE .. .. .	{ 58 Foulser Rd., Upper Tooting, S.W.
1907.	{ THOMPSON, HARINGTON GEORGE CAMPBELL ONSLOW .. ..	{ 20 Budge Row, Cannon St., E.C. [Severnaco, London. London Wall 5239.]
1913.	{ THOMPSON, HAROLD STANLEY VICTOR .. .. .	{ c/o William H. Maw, LL.D., 18 Addison Rd., Kensington, W.
1912.	THOMPSON, HARRY JAMES ..	{ 10/1 Rowlands Rd., Ballygunge, Calcutta.
1897.	THOMPSON, HERBERT .. ..	{ 2 Melrose Tce., Breamore Rd., Seven Kings, Ilford.
1912.	THOMPSON, JACOB JEWETT ..	{ Loco. Carr. and Wagon Supt., Canton-Kowloon Rly., Canton, China.
1902. G. } 1906. A.M. }	THOMPSON, JOHN ARCHIBALD	{ Bryher, 52 Kingston Road, Teddington.
1913.	THOMPSON, JOSEPH .. .. .	{ Messrs. Babcock and Wilcox, Tokyo, Japan.
1912.	THOMPSON, ST. JOHN MORIARTY	{ British Oxygen Co., Elverton St., Westminster, S.W.
1896.	THOMPSON, THOMAS .. .. .	{ 14 Vanbrugh Park Rd., Blackheath, S.E.
1913.	THOMSEN, THOMAS CHRISTIAN	{ Technical Dept., Vacuum Oil Co., Caxton House, Westminster, S.W.
1914.	THOMSON, ALEXANDER .. ..	{ Messrs. Cassell & Co., La Belle Sauvage, E.C.
1899. G. } 1908. A.M. }	THOMSON, ALFRED MORRIS ..	{ T.C.M. Manufacturing Co., Hunterdon and First Streets, Harrison, N.J., U.S.
1901.	THOMSON, DAVID LOCKERBIE	{ P.O. Box 741, San Juan, Porto Rico. <i>Via New York.</i>
1894.	THOMSON, HENRY .. .. .	{ Messrs. J. Frizzoni & Co., Allahabad, India.
1901.	THOMSON, JAMES CUNNINGHAM	{ New Building & Construction Co., Shanghai, China.
1893.	THOMSON, JAMES WATSON ..	{ Robert Gordon's College, Aberdeen.
1913.	{ THOMSON, WILLIAM GEORGE HOPE .. .. .	{ P.O. Box 1141, Vancouver, British Columbia.
1912.	THORNE, DOUGLAS STUART ..	{ Messrs. Alfred Thorne & Sons, 7 Carteret St., Westminster, S.W.

Date of Election.

1914.	THORNE, GUY STAFFORD ..	{ Engineer-in-Chief, Kwang Tung Electric Supply Co., Canton, China.
1904.	THORNE, HENRY HUBERT ..	{ The Power Plant Co., West Drayton, Middx. [c/o Roc, West Drayton.]
1911.	THORNE, HENRY THOMAS ..	{ 16 Firs Parade Mansions, Firs Parade, Muswell Hill, N.
1904. G.) 1910. A.M.)	THORNE, LEONARD .. .. .	{ Metropolitan Water Board, Commercial Rd., Pimlico, S.W.
1910.	THORNELOE, ARTHUR JOSEPH	{ 20 Johnstone Street, Ladywood, Birmingham.
1907.	THORNTON, HARRY HALL ..	{ 4569A McMillan Avenue, St. Louis, Mo., U.S.
1899.	THORNYCROFT, JOHN EDWARD	{ Caxton House, Westminster, S.W.
1907.	THORPE, CHARLES WILLIAM ..	{ District Asylum, Mullingar.
1905. G.) 1912. A.M.)	THORPE, HAROLD THOMAS EMMERSON .. .. .	{ c/o W. W. Ward, Katboschfontein, Wolmaransstad, Transvaal.
1914.	THORPE, RICHARD .. .. .	{ Power Station Supt., Dublin United Tramways Co., Ringsend Power Station, Dublin.
1894. G.) 1901. A.M.)	THORPE, WILFRED BERTRAM ..	{ Charing Cross and Strand Electricity Supply Corpn., 60 St. Martin's Lane, W.C.
1907.	{ THORPE, WILLIAM ALFRED CHARLES .. .. .	{ North Western Rly., Lahore, India.
1907.	{ THURSFIELD, GREVILLE RICH- ARD .. .. .	{ Sturtevant Engineering Co., 147 Queen Victoria St., E.C.
1912.	TIBBENHAM, LEWIS JOHN ..	{ Managing Director, Suffolk Iron Foundry Co., Stowmarket.
1911.	TICEHURST, JOHN WILLIAM ..	{ Langton House, Battle, Sussex.
1906.	TIMMINS, EBENEZER .. .. .	{ Bridgewater Foundry, Runcorn; and Norman Rd., Runcorn.
1911.	TIPNIS, GANESH KHANDERAO ..	{ c/o The Allahabad Banks Ltd., Hornby Rd., Fort, Bombay.
1895. G.) 1902. A.M.)	TITREN, GERALD ERNEST DE KEYSER .. .. .	{ Natal Govt. Rly. Works, Durban, Natal.
1911.	TOD, JOHN DUN .. .. .	{ St. Leonards, Lasswade, Midlothian.
1914.	TODD, JOHN BARBER .. .. .	{ The University, Edinburgh.
1905.	TODEE, JOHN .. .. .	{ P.O. Box 255, Sydney, N.S.W.
1913.	TOMLINSON, JOHN ARTHUR ..	{ Assist. Loco. Supt., E.B.S. Rly., Saidpur, India.
1905.	TOMS, ROBERT .. .. .	{ Royal Albert Memorial College, Exeter.
1909.	TOOMS, JOHN GRICE .. .. .	{ Glenelg, Smallbrook Road, Whitchurch.
1903.	TORFY, REGINALD NORMAN ..	{ Corporation Electricity Works, Tunbridge Wells.
1900.	TOWNSEND, WILLIAM .. .. .	{ Messrs. Joseph Baker & Sons, Willesden Junction, N.W.
1910.	TOZER, CHARLES WILLIAM ..	{ 66 Victoria St., Westminster, S.W. [Victoria 3263.]
1909.	TRACY, HAROLD WINGFIELD ..	{ Post Office, Kinross, Transvaal.
1899. G.) 1906. A.M.)	TRAFFORD, JOSEPH PETER ..	{ 43 Woodend Lane, Erdington, Birmingham.
1911.	TRANter, WILLIAM JAMES ..	{ Tibbington Works, Princes End, Tipton.
1914.	TREANOR, WALTER CHARLES	{ Dept. of Marine and Fisheries, Ottawa, Canada.

## Date of Election.

1899. G.)	TREGONING, WYNN HAROLD ..	{ St. Stephen's Club, Westminster, S.W.
1903. A.M.)	TREMEARNE, WILLIAM CREW	{ 105 Blackheath Park, S.E.
1913.	TREMELLING, HARRY THOMAS	{ Engine Drawing Office, Messrs. J. I. Thornycroft & Co., Woolston Works, Southampton.
1908. G.)	TRENCH, WILLIAM CONNELL	{ Roughton, Wrottesley Rd., Wolverhampton.
1904. A.M.)	POWER .. .. .	{ Rushton, Village Rd., Bush Hill Park, Enfield.
1903. G.)	TRESHAM, LANCELOT DAVID ..	{ General Manager, North Middlesex Gas Co., The Broadway, Finchley, N.
1906. A.M.)	TREWBY, LAWRIE .. .. .	{ Messrs. Topham Jones & Railton, Singapore, Straits Settlements.
1909.	TRIMMER, GEORGE WILLIAM	{ Richmond (Surrey) Electric Light and Power Co., Richmond, Surrey.
1903. G.)	ARTHUR .. .. .	{ Armstrong Naval Yard, Sir W. G. Armstrong, Whitworth & Co., Walker-on-Tyne, North'd.
1908. A.M.)	{ TRIMNELL, LEONARD CHARLES BOUGHEY .. .. .	{ Genl. Manager, Messrs. Wm. Foster & Co., Wellington Foundry, Firth Rd., Lincoln.
1908.	{ TRIPP, WILLIAM HOWARD SANDBERG .. .. .	{ Mech. Eng., London United Tramways, 74 High Road, Chiswick, W.
1912.	TRITTON, WILLIAM ASHBEE ..	{ 17 Tennoji - Machi, Shitaya - ku, Tokyo, Japan.
1905.	TROUGHTON, HENRY JAMES ..	{ Cedar Cottage, Wanstead Green, Wanstead, N.E.
1904. G.)	TSUDA, GOICHI .. .. .	{ Messrs. Gillanders Arbuthnot & Co., Calcutta.
1912. A.M.)	TUCKER, ALFRED EDGAR ..	{ Hongkong & Whampoa Dock Co., Hong Kong, China.
1911.	{ TUCKETT, WILLIAM FOTHERGILL .. .. .	{ 89 Mandrake Road, Upper Tooting, S.W.
1912.	TULIP, WILFRED .. .. .	{ Chief Officer, Rangoon Municipal Fire Brigade, Rangoon, Burma.
1902. G.)	TUNNICLIFFE, WALTER GEORGE	{ Talisman Consolidated, Karangahake, New Zealand.
1906. A.M.)	TUPPEN, GERARD LEE .. ..	{ Surveyor's Department, Council House, Birmingham.
1909.	TURNBULL, JAMES ARMSTRONG	{ Courts-Turner Engineering Co., 184 Deansgate, Manchester. [ <i>Chimneys, Manchester. 5392.</i> ]
1901. G.)	TURNER, ERNEST WILLIAM ..	{ St. Peter's Iron Works, Ipswich. [ <i>Gippeswyls, Ipswich.</i> ]
1905. A.M.)	TURNER, EUSTACE HOOPER ..	{ Royal Aircraft Factory, South Farnborough, Hants.
1900.	TURNER, FREDERICK WILLIAM	{ 5A Temple Row, Birmingham.
1912.	TURNER, GEORGE BANKART ..	{ Dalveen, Russell Gardens, Golders Green Rd., N.W.
1913.	TURNER, HAROLD LUPTON ..	{ 184 New Street, Horsham.
1908. G.)	TURNER, JOE DARE KNOBBS ..	{ Works Manager, Messrs. Dean and Lowe, Stoke-on-Trent.
1911. A.M.)	TURNER, JOHN ALEXANDER ..	{ 8 Brambledown, Crouch Hill, N.
1903.	TURNER, JOSEPH .. .. .	{ Carleyon, Bay St., Greenwich, N.S.W.
1914.	TURNER, WILLIAM STANLEY ..	
1911. G.)	TURNER, WILLIAM WALLACE	
1904. A.M.)		

Date of Election.

1910.	TURNER, FRED .. .. .	{ 15 Portland Road, Holland Park, W.
1913.	{ TWELVETREES, Lieut. RICHARD WALTER RICKARD, A.S.C. .. }	{ 3 Woodite Villas, Mitcham.
1913. G.	{ TYLER, OLIVER WALTER ..	Wormley, Broxbourne, Herts.
1914. A.M.		
1906.	UNDERWOOD, ALBERT LEOPOLD	{ 3 and 5 Queen Street, Cheapside, E.C.
1901.	UNWIN, MAURICE EVERETT ..	{ Messrs. John Brown & Co., Shef- field.
1913.	URQUHART, GEORGE .. ..	{ 26 Hazlewell Road, Putney Hill, S.W.
1914.	URQUHART, GEORGE WALKER	{ Locomotive Offices, G. N. of Scot- land Rly., Inverurie.
1903.	USHERWOOD, THOMAS SCRIVEN	{ Christ's Hospital, West Horsham.
1912.	UTLEY, REGINALD .. .. .	{ Cransley, 23 West Bank Avenue, Ansdell, Lytham.
1908.	UTTING, SAMUEL .. .. .	{ 65 Warwick Rd., Kensington, S.W.
1905.	UTTLEY, EDWIN ABRAHAM ..	{ Govt. Electrical Eng., Bulawayo, Rhodesia, S. Africa.
1906.	VALLAT, HENRY HOWARD ..	{ Cia. de Alumbrado, Casilla 354, Iquique, Chile.
1910.	{ VALON, WILLIAM ARGENTINE MCINTOSH .. .. .	{ The Gas Works, Stafford.
1913.	VANSTON, JAMES MAURICE ..	{ Chief Engineer, Queen's County Asylum, Maryborough, Ireland.
1907.	VAUGHAN, CHARLES BOUND ..	{ 88 Harbour Road, Streatham, S.W.
1900.	{ VENNING, Eng. Lieut. ALBERT JOHN, R.N. .. .. .	{ St. Feock, Devoran, R.S.O., Corn- wall.
1912.	{ VENTRESS, ERNEST WILLIAM STANNARD .. .. .	{ Messrs. Lever Bros., Kabushiki Kaisha, P.O. Box Sannomiya 174, Kobe, Japan.
1913.	VERNON, HORACE .. .. .	{ Car Works Dept., Belfast City Tramways, Belfast.
1892. G.	{ VEZEY, ALBERT EDWARD ..	{ Chief Eng., Messrs. E. & T. Pink, Staple St., S.E.; and 190 Al- gernon Rd., Lewisham, S.E.
1893. A.M.		
1909.	VIAL, HAROLD FRANK .. ..	{ Croslands Park, Furness Abbey, Barrow-in-Furness.
1905.	VICKERS, ERNEST JOHN .. ..	{ 14 Duchess Rd., Edgbaston, Bir- mingham.
1912.	{ VINE, Eng. Lieut. HORACE, R.N. .. .. .	{ Glendale, Abbotsbury Road, Wey- mouth.
1900. G.	{ VINEY, HORACE .. .. .	{ Auto-Carriers Ltd., Thames Dit- ton, Surrey.
1906. A.M.		



Date of Election.

1901.	VISICK, CHARLES .. .. .	{ Works Manager, Basset Works, Devoran, Cornwall.
1910.	VIZETELLY, VICTOR RENÉ ..	{ Rosedene, 27 Mount Road, New Malden, Surrey.
1911.	WADDINGTON, ARTHUR .. ..	83 Arran Road, Catford, S.E.
1897. G. }	WADE, FRANCIS RICHARD ..	95 Colmore Row, Birmingham.
1902. A.M. }	WADE, HORACE .. .. .	117A Ivy Road, Cricklewood, N.W.
1911.	WADE, HORACE .. .. .	Messrs. Calvert & Co., Gothenburg, Sweden.
1900. G. }	WADHAM, ROBERT .. .. .	Messrs. Ardeshir D. Wadia & Co., Ahmedabad, India.
1904. A.M. }	WADHAM, ROBERT .. .. .	Burgh Engineer's Office, 1 Parli- ment Sq., Edinburgh.
1912.	WADIA, ARDESHIR DOSÂBHAI	The Limes, Lime Rd., Stretford, Manchester.
1906.	{ WAINWRIGHT, WALTER HEP- BURN .. .. .	"The Statesman," Chowringhee Road, Calcutta.
1908.	WAITE, WILLIAM VINCENT ..	122 Oxford Street, St. Helens, Lancs.
1913.	{ WALCROFT, THOMAS CLA- RENCE .. .. .	c/o Venesta Ltd., Kamarhati, 24 Perganas, Bengal.
1908.	WALDRON, FREDERIC BARNES	Managing Director, Vancouver Machinery Depôt, Vancouver, B.C.
1913.	WALE, NORMAN WALTER ..	Municipal Technical Institute, Romford Rd., West Ham, E.
1901.	WALKEM, GEORGE ALEXANDER	L.C.C. School of Engineering and Navigation, High St., Poplar, E.
1901.	WALKER, ALFRED .. .. .	337 Beverley Road, Hull.
1905. G. }	WALKER, CHARLES ALBERT ..	The Poplars, Headingley, Leeds.
1913. A.M. }	WALKER, CHARLES ALBERT ..	c/o Japanese Explosives Co., 38-39 Parliament St., Westminster, S.W.
1906. G. }	WALKER, EDWARD GEORGE ..	Messrs. Richard Garrett & Sons, Leiston, S.O., Suffolk.
1911. A.M. }	WALKER, EDWARD GEORGE ..	Managing Director, Yorkshire En- gineering Supplies Ltd., Ingham St. Works, Hunslet Rd., Leeds.
1912.	WALKER, FRANCIS HENRY ..	93 Clive St., Calcutta, India.
1910.	WALKER, FRANCIS VANE ..	Messrs. Hopkins and Gardom, 260 Bartolomé Mitre, Buenos Aires, Arg. Rep.
1908.	WALKER, FRANK EGERTON ..	Waterworks Engineer and Manager, Town Hall, Reading.
1910.	WALKER, HERBERT CARR ..	P.W.D., Govt. Bldgs., Auckland, New Zealand.
1912.	WALKER, JAMES ERNEST ..	c/o Lieut.-Col. J. B. Walker, Eythorne, Wokingham.
1908.	WALKER, JOHN BRITON ..	The Manor House, Symondsburly, Bridport.
1910.	WALKER, LESLIE CHARLES ..	
1910.	WALKER, ROBERT .. .. .	
1898. G. }	WALKER, ROBERT HUGH ..	
1901. A.M. }	WALKER, ROBERT HUGH ..	
1908.	WALKER, THOMAS ARCHIBALD	

Date of Election.:

1911.	WALKER, WILLIAM ALEXANDER	Messrs. Sproston, Georgetown, Demerara, British Guiana.
1910.	WALKER, WILLIAM PERCY ..	Res. Eng. and Mgr., Water Works, Mythe Road, Tewkesbury.
1899.	WALKER, WILLIAM PETO ..	Vacuum Brake Co., 32 Queen Victoria St., E.C.
1905.	WALL, CHARLES .. ..	23 Friern Road, East Dulwich, S.E.
1911.	WALLACE, BERTRAM .. ..	Messrs. Kerr, Stuart and Co., California Works, Stoke-on-Trent.
1911.	WALLACE, JAMES NEILSON ..	National Boiler and General Insurance Co., St. Mary's Parsonage, Manchester.
1910.	WALLACE, WILLIAM .. ..	Manager, British Hele-Shaw Clutch Co., Suthers St., Oldham.
1913.	WALLER, ARTHUR .. ..	St. James' and Pall Mall Electric Light Co., Carnaby St., Golden Sq., W.
1914.	{ WALLIS, Captain HENRY JOCELYN KENNEDY, I.A. ..	Officiating Master, H.M. Mint, Calcutta.
1912.	WALLIS, THOMAS ALEXANDER	5 Essex Street, Levenshulme, Manchester.
1914.	WALLIS, THOMAS SEABROOKE	Stalheim, Plaistow Lane, Bromley, Kent.
1910.	WALTHER, JAMES GALLOWAY	British Westinghouse Co., Trafford Park, Manchester.
1900. G.) 1903. A.M.)	WALTON, DENYS .. ..	Patent Office, 25 Southampton Bldgs., W.C.
1911.	WALTON, TOM PARKER .. ..	Sherry's Wharf, Homerton Bridge, N.E.
1907.	WALTON, WILLIAM RAYNES ..	Bindloss Chambers, 4 Chapel Walks, Manchester.
1904. G.) 1905. A.M.)	WARBROOK, FREDERICK GEORGE .. ..	Messrs. Massey & Co., Napier Works, Madras.
1913.	WARD, ARTHUR MAURICE ..	c/o Chief Eng., H. H. the Nizam's Guaranteed State Rlys., Secunderabad, Deccan, India.
1904.	WARD, AUGUSTINE MELLIAR..	San Rafael Paper Co., Calle San Agustin 15, Mexico City, Mexico.
1912.	WARD, FRANK ELDRIDGE ..	Fairfax House, Westcombe Park, Blackheath, S.E.
1897.	WARD, JOHN CECIL .. ..	Messrs. Edgar Allen & Co., Imperial Steel Works, Sheffield.
1914.	WARD, MARK, JUN. .. ..	25 Grosvenor Place, North Shields.
1910. G.) 1913. A.M.)	WARD, WILLIAM ARTHUR ..	Messrs. Thomas W. Ward, Albion Works, Sheffield.
1911.	{ WARDEN, KENNETH WIL- LOUGHEY .. ..	Messrs. Morris, Warden and Co., 68 Gordon Street, Glasgow.
1898. G.) 1901. A.M.)	WARDLE, FRANK HAROLD ..	Messrs. John Player & Sons, Castle Tobacco Factory, Nottingham.
1908.	WARE, EDWARD SAMUEL ..	Supt., Fire and Lighting Dept., 25 Avenue Parade, Accrington.
1909.	WARNER, FRANCIS GEORGE ..	Permanent Way Office, Miller St., Birmingham.
1900. G.) 1903. A.M.)	WARNER, JAMES SUTHERLAND	Warner Engineering Co., 308 Mansion House Chbrs., E.C.
1910.	WARREN, EDWARD CHAMBERS	Manganese Bronze and Brass Co., St. George's Wharf, Deptford, S.E.

## Date of Election.

1892.	G. } WARTON, RICHARD GEORGE	} Gardiner, Salisbury, Rhodesia, S. Africa.
1898. A.M. }	FRANK .. .. .	
1901.	G. } WARWICK, Eng. Lieut. PERCY	} 4 Oakleigh Villas, Mannamead, Plymouth.
1911. A.M. }	WALTER, R.N. .. .. .	
1902.	WARWICK, WALTER .. .. .	} Messrs. N. Wadia & Sons, Cumballa Hill, Bombay.
1895.	WASDELL, ABEL .. .. .	
1911.	WATKINS, ARTHUR GLYN .. .. .	} Messrs. John Lysaght, Orb Iron Works, Newport, Mon.
1909.	WATKINS, JOHN HENRY .. .. .	
1910.	WATKINS, WILLIAM GATH .. .. .	} Messrs. Royce, Trafford Park, Manchester.
1912.	WATKINS, WILLIAM GORDON	
1904.	WATSON, ALLAN GRIFFITHS .. .. .	} Assist. Supt., S. African Rlys., Kimberley, Cape Colony.
1907.	WATSON, EDWARD FAIRLIE .. .. .	
1908.	{ WATSON, FRANCIS RENTON	} Messrs. Arthur Butler & Co., Mozufferpore, India.
	{ BARRY .. .. .	
1914.	WATSON, GEORGE .. .. .	} Merchant Venturers' Technical College, Bristol.
1912.	WATSON, HENRY ARCHIBALD	
1902.	WATSON, HERBERT EDWARD .. .. .	} Works Supt., Calculating Machine and Engineering Co., Welsbach House, 344-354 Gray's Inn Road, W.C.
1909.	WATSON, JAMES .. .. .	
1902.	WATSON, JOHN CRAIG .. .. .	} 92 Kirkcaldy Road, Pollokshields, Glasgow.
1910.	{ WATSON, OWEN WILLIAM	
1911.	{ JOSEPH .. .. .	} "The Statesman," 3 Chowringhee, Calcutta.
1914.	WATSON, ROBERT SCOTT .. .. .	
1906.	WATSON, JOHN CRAIG .. .. .	} Loco. Dept., Caledonian Ry., St. Rollox, Glasgow.
1902.	WATSON, JOHN CRAIG .. .. .	
1910.	{ WATSON, OWEN WILLIAM	} Canadian Mining & Finance Co., Timmins, Ont., Canada.
1911.	{ JOSEPH .. .. .	
1914.	WATT, GEORGE ANDREW .. .. .	} 1 Shaa Road, Acton, W.
1906.	WATTS, HERBERT WILLIE .. .. .	
1906.	WATTS, HERBERT WILLIE .. .. .	} Chief Eng., Christchurch Meat Co., Islington, Christchurch, New Zealand.
1908.	WATTS, RICHARD EDWARD .. .. .	
1906.	WAYNE-MORGAN, JOHN .. .. .	} c/o George E. Cobb, Klang, Federated Malay States.
1907.	WAYTE, HARRY .. .. .	
1902.	WAYTE, JAMES BENJAMIN .. .. .	} P.O. Waikino, Upper Thames, Auckland, New Zealand.
1911.	WEARS, JAMES HOOKER .. .. .	
1910.	WEAVER, WILLIAM GEORGE .. .. .	} 6th Battn., East Surrey Regt., Fyzabad, India.
1907.	WEBB, ARTHUR JAMES .. .. .	
1914.	{ WEBB, GEORGE WILLIAM	} Messrs. Blackstone & Co., Rutland Engineering Works, Stamford.
	{ CUTLER .. .. .	
1906.	WAYNE-MORGAN, JOHN .. .. .	} 6 Church Rd., Whitchurch, Cardiff.
1907.	WAYTE, HARRY .. .. .	
1902.	WAYTE, JAMES BENJAMIN .. .. .	} Eng.-in-Chief, Grand Canal Co., James's Street Harbour, Dublin.
1911.	WEARS, JAMES HOOKER .. .. .	
1910.	WEAVER, WILLIAM GEORGE .. .. .	} Messrs. Wayne Bros., Portobello, Dublin.
1907.	WEBB, ARTHUR JAMES .. .. .	
1914.	{ WEBB, GEORGE WILLIAM	} British Thomson-Houston Co., Rugby.
	{ CUTLER .. .. .	
1906.	WAYNE-MORGAN, JOHN .. .. .	} Eng. Dept., South African College, Cape Town, Cape Colony.
1907.	WAYTE, HARRY .. .. .	
1902.	WAYTE, JAMES BENJAMIN .. .. .	} Messrs. Johnson, Matthey & Co., 78 Hatton Garden, E.C.
1911.	WEARS, JAMES HOOKER .. .. .	
1910.	WEAVER, WILLIAM GEORGE .. .. .	} Works Manager, Messrs. Vickers Ltd., Dartford.
1907.	WEBB, ARTHUR JAMES .. .. .	
1914.	{ WEBB, GEORGE WILLIAM	} Works Manager, Messrs. Vickers Ltd., Dartford.
	{ CUTLER .. .. .	

Date of Election.

1911. G.)	WEBB, HAROLD .. .. .	39 Lodge Road, West Bromwich.
1913. A.M.)		
1912.	WEBB, HERBERT ARTHUR ..	{ 18 Sheredan Road, Garden Village, Higham's Park, Chingford.
1914.	WEBB, WALTER JOHN .. ..	{ Baldwin Locomotive Works, 34 Victoria St., Westminster, S.W.
1910.	{ WEBB-BOWEN, HILDRED ED- WARD .. .. .	{ British Aluminium Co., Kinloch- leven, Argyllshire.
1902. G.)	WEBSTER, ARTHUR GUY.. ..	{ 143-149 University Ave., Toronto, Canada.
1904. A.M.)		
1910.	WEBSTER, JOHN .. .. .	{ College of Engineering, Madras, India.
1911.	WEBSTER, SYDNEY .. .. .	{ Sofaer's Buildings, Rangoon, Burma.
1906.	WEDEKIND, JULIUS EDWARD..	{ 35 Beckenham Road, Beckenham.
1913.	WEDLAKE, JAMES GARFIELD..	{ Merstone, Irnham Rd., Minehead, Somerset.
1913.	WEEKES, BARNETT NORMAN ..	{ Water Engineer's Dept., Muni- cipal Offices, Liverpool.
1912.	WEISS, MAURICE .. .. .	{ Great Eastern Rly. Locomotive Works, Stratford, E.
1911.	WELBURN, FRANK .. .. .	{ S. Mahratta Spinning and Weaving Co., Hubli, India.
1913.	WELHAM-CLARKE, PHILIP ..	{ Messrs. Davidson & Co., 54 Corporation St., Manchester.
1904.	WELLS, EDWARD NELSON ..	{ Union Cold Storage Co., 13-16 West Smithfield, E.C.
1903.	WELLS, JOSEPH MALCOLM ..	{ 80 Victoria St., Westminster, S.W.
1915.	WELLS, WILLIAM .. .. .	{ Ferro Carril de Antofagasta & Bo- livia, Antofagasta, Chile.
1907.	WELLSMAN, CHARLES .. ..	{ 11 Argyle St., Liverpool. [ <i>Royal</i> 3052.]
1911.	WELSH, ANTHONY REGINALD..	{ Messrs. Bell Brothers Ltd., Middles- brough.
1910.	WERTHEIM, MAX .. .. .	{ Oudtshoorn, Cape Colony.
1912.	WEST, FREDERICK BUICK ..	{ P.O. Box 699, Johannesburg, Trans- vaal.
1902.	WEST, WILLIAM POWNOLL ..	{ Mina Demetrio, Alcaracejos, Pro- vincia de Cordoba, Spain.
1902. G.)	WESTACOTT, PERCY .. .. .	{ 99 Victoria Street, Westminster, S.W.
1905. A.M.)		
1900. G.)	WESTERN, HUGH ( <i>Life Asso- ciate Member</i> ) .. .. .	{ c/o A. L. Webb, Queen Anne's Chbrs., Westminster, S.W.
1902. A.M.)		
1911.	WESTLEY, EDGAR .. .. .	{ 86 St. Mark's Road, Maidenhead.
1912.	WESTMACOTT, PHILIP GUISE..	{ Messrs. Ralli Bros., Calcutta, India.
1899.	WESTON, GEORGE CAMBRIDGE	{ Kensington and Knightsbridge Electric Lighting Co., Albert Vaults, Prince Consort Rd., S. Kensington, S.W.
1906.	WESTON, ROBERT OGILVY ..	{ Glen Ogilvy, P.O. Box 29, Gwelo, Rhodesia, S. Africa.
1913.	{ WESTWOOD, ERNEST HERBERT WYNDHAM .. .. .	{ Manager, Union Electric Co., 33 William St., Melbourne, Victoria.
1902.	{ WETHERELL, RAYMOND ED- WARD CORDEUX .. .. .	{ Hautley, Bath Road, Slough.
1908. G.)	WHALLEY, HERMES DE.. ..	{ Park House, 18 Brandram Rd., Lee, S.E.
1912. A.M.)		
1912.	{ WHEATLEY, LEONARD JAMES THEODOR .. .. .	{ Mech. Engineering Drawing Office 1, Royal Arsenal, Woolwich.

Date of Election.

1910. G. }	WHELDON, EMRYS JOHN ..	c/o Messrs. Strick, Scott and Co., Mohammerah, Persian Gulf (via Bombay).
1914. A.M. }		
1912.	WHITAKER, AUGUST .. ..	Managing Director, Messrs. O. Whitaker & Co. (Bradford), Canal Engineering Works, Bradford.
1909.	WHITAKER, GILBERT .. ..	3 Cardigan Road, Leeds.
1908.	WHITAKER, JOHN WILLIAM ..	1 Nield Crescent, Hendon, N.W.
1912.	WHITAKER, PHILIP HOLT ..	12 Birley Street, Blackpool.
1909.	WHITE, D'ORSAY MCCALL ..	The Addison, Woodward & Char- lotte Avenues, Detroit, Mich., U.S.
1907.	WHITE, EDWARD BERTRAM ..	P. O. Box 165, Pietermaritzburg, Natal.
1914.	WHITE, GEORGE .. .. .	Windsor Works, Redditch.
1911.	WHITE, JOHN DUNCAN .. ..	1 Hermitage Gardens, Morningside, Edinburgh.
1911.	WHITE, JOHN WILSON .. ..	c/o American Express Co., Broad- way, New York, U.S.
1913.	{ WHITE, THOMAS EDWIN SPRAGGE .. .. . }	Killing Valley T.E., Nelli P.O., Nowgong, Assam, India.
1904.	WHITE, WILLIAM ARTHUR ..	637 Yoker Road, Scotstoun, Glas- gow.
1899.	WHITEHEAD, JAMES PETER ..	196 Deansgate, Manchester.
1892. A. }	WHITEHEAD, RICHARD DAVID	Municipal Technical College, Green Hill, Derby.
1904. A.M. }		
1904.	WHITEHOUSE, GEORGE HENRY	Great Bridge Engineering Works, Tipton.
1907. G. }	WHITEHOUSE, WILLIAM HENRY	Glencoe, Rushby Mead, Letch- worth, Herts.
1911. A.M. }		
1912.	{ WHITELEGG, STANLEY HER- BERT .. .. . }	Res. Mech. Eng., Midland Railway, Plaistow, E.
1907.	WHITELEY, HENRY STANLEY ..	101 Wrottesley Road, Harlesden, N.W.
1909.	WHITE, ALEXANDER .. ..	Station Superintendent, Borough Council Electricity Department, Lombard Road, Battersea, S.W.
1909.	WHITMEE, HAROLD BABINGTON	P. O. Box 470, Durban, Natal.
1913.	WHITTAKER, MILTON .. ..	76 Wrigley Head, Failsforth, Manchester.
1911.	{ WHITTINGTON, RICHARD HENRY .. .. . }	20 Westminster Palace Gardens, Westminster, S.W.
1911.	WHITWORTH, LEONARD .. ..	Manager, Textile Machy. Dept., Osaka, Messrs. J. Morrison & Co., Osaka, Japan.
1912.	WHYTE, ANDREW LIDDELL ..	13 Queen's Terrace, Douglas, Isle of Man.
1908.	WHYTE, JARDINE BELL .. ..	Palmer Oil Co., Crocker Bldg., San Francisco, Cal., U.S.
1903.	{ WIDDICOMBE, ROBERT ALEX- ANDER .. .. . }	5552 Lakewood Avenue, Chicago, Ill., U.S.
1900. G. }	WIDDOWSON, ERNEST LEED- HAM .. .. . }	
1903. A.M. }		Lightcliffe, Halifax.
1898.	WIGGLESWORTH, FRANK .. ..	Clutch Works, Moss St., Bradford.
1913.	WIGHT, JOHN THOMAS .. ..	Sherwood, Manse Road, Corstor- phine, Midlothian.
1908.	WIGRAM, ARTHUR WOOLMORE	Gap Bed Wood Trimmers (Hollis Patents), Ltd., Hardwidge St. Works, Bermondsey, S.E.

Date of Election.

1903.	WIGRAM, WALTER GOTT .. ..	{ Messrs. John Fowler & Co., Steam Plough Works, Leeds.
1908.	{ WILCOCKS, WILLIAM JOHN RICHARD .. .. .. .	{ 85 Fulham Palace Rd., Hammer- smith, W.
1918.	WILKIE, GEORGE MATTHEW ..	{ 173 Haxby Road, York.
1913.	WILKINSON, ANDREW .. ..	{ Works Mgr., Anti-Attrition Metal Co., Glengall Works, Glengall Rd., S.E.
1901. G.}	WILKINSON, FRANK .. ..	{ Boro' Eng. and Surveyor's Office, Wimbledon.
1903. A.M.}	WILKINSON, GEORGE SHAKE- SPEARE .. .. .. .	{ Messrs. D. Napier & Son, Acton, W.
1909. G.}	WILKINSON, GEORGE SHAKE- SPEARE .. .. .. .	{ Messrs. D. Napier & Son, Acton, W.
1911. A.M.}	WILKINSON, GEORGE SHAKE- SPEARE .. .. .. .	{ Messrs. D. Napier & Son, Acton, W.
1912.	{ WILKINSON, JOSEPH WILLIAM FREDERICK .. .. .. .	{ United Electric Car Co., Strand Rd., Preston.
1912.	{ WILKINSON, LIONEL ST. GEORGE .. .. .. .	{ Sunnybrae, Hollins Green, Oldham.
1911. G.}	WILKINSON, WALTER .. ..	{ Govt. School of Engineering, Rasul, Punjab, India.
1914. A.M.}	WILKINSON, WALTER .. ..	{ Govt. School of Engineering, Rasul, Punjab, India.
1904.	WILLANS, CHARLES TURNER	{ New Zealand Oilfields, Union Bank Bldgs., Gisborne, N.Z.
1909.	WILLETT, EDWARD WALTER ..	{ East Indian Railway House, Cal- cutta.
1911.	WILLIAMS, ALFRED EDWARD ..	{ Assist. Loco. Supt., G.I.P. Rly., Parel, Bombay.
1904.	WILLIAMS, CHARLES .. ..	{ Messrs. E. Nicholl & Co., Bute Docks, Cardiff.
1911.	WILLIAMS, CHARLES THOMAS	{ Messrs. George Cradock and Co., Wakefield.
1901.	WILLIAMS, DAVID THOMAS ..	{ 285 Broadway, Paterson, N.J., U.S.
1904.	WILLIAMS, EDWARD JOHN ..	{ 317 Hertford Rd., Waltham Cross. Calcutta Electric Supply, 26 Jheel Road, Cossipore, Calcutta.
1911.	WILLIAMS, GOMER SILVANUS	{ 14 Mount Pleasant, Turners Hill, Cheshunt, Waltham Cross.
1904. G.}	WILLIAMS, HERBERT LAUR- ENCE .. .. .. .	{ 14 Mount Pleasant, Turners Hill, Cheshunt, Waltham Cross.
1911. A.M.}	WILLIAMS, HERBERT LAUR- ENCE .. .. .. .	{ 14 Mount Pleasant, Turners Hill, Cheshunt, Waltham Cross.
1914.	WILLIAMS, JOHN .. ..	{ United Alkali Co., Pilkington and Sullivan Works, Widnes.
1909.	WILLIAMS, JOHN EDGAR ..	{ Sudan Public Works Dept., Khar- toum, Egypt.
1913.	WILLIAMS, JOHN LLOYD ..	{ Messrs. Harry Ferguson, 83 May Street, Belfast.
1903.	WILLIAMS, JOHN ROBERT ..	{ Tramway Power Station, Kelham Island, Sheffield.
1898. G.}	WILLIAMS, NORMAN CLARING- BOULD .. .. .. .	{ Midland Pipe Co., Polesworth, Tamworth.
1904. A.M.}	WILLIAMS, NORMAN CLARING- BOULD .. .. .. .	{ Midland Pipe Co., Polesworth, Tamworth.
1915.	WILLIAMS, PERCY .. ..	{ Magadi Soda Co., Shell House, 25 Bishopsgate, E.C.
1913.	WILLIAMS, ROBERT ARTHUR ..	{ Municipal Electricity Dept., Shang- hai, China.
1901. G.}	WILLIAMS, STANLEY VICTOR ..	{ 23 Loughborough Rd., Brixton, S.W.
1907. A.M.}	WILLIAMS, STANLEY VICTOR ..	{ 23 Loughborough Rd., Brixton, S.W.
1900. G.}	WILLIAMS, VERNON INGRAM	{ Sir W. G. Armstrong, Whitworth & Co., Ashton Rd., Openshaw, Man- chester.
1904. A.M.}	WILLIAMS, VERNON INGRAM	{ Sir W. G. Armstrong, Whitworth & Co., Ashton Rd., Openshaw, Man- chester.
1900.	WILLIAMS, WALTER DOEL ..	{ Roman Gravels, Minsterley, Shrewsbury.
1914.	WILLIAMSON, ARTHUR .. ..	{ Works Manager, Aviation Dept., Coventry Ordnance Works, Coventry.

Date of Election.

1914.	WILLIAMSON, ARTHUR EDWARD	Messrs. Babcock and Wilcox, Wheeler's Buildings, Hornby Road, Bombay, India.
1899.	WILLIAMSON, EDWARD .. ..	Messrs. Manlove, Alliot & Co., 41-42 Parliament St., S.W. [ <i>Manloves, London. Gerrard 8405.</i> ]
1900.	WILLIS, EDWARD .. .. .	Eng. and Surveyor, Town Hall, Chiswick, W.
1902.	WILLIS, GEORGE .. .. .	Messrs. Willis & Son, High St., Eton, Windsor; and 'Nhlazatie, Montem Rd., Slough. [ <i>Willis, Eton, Windsor. Windsor 8.</i> ]
1904.	WILLIS, GEORGE OSWALD BELL	Bushgarth, Devonshire Rd., Totley Rise, Sheffield.
1913.	WILLIS, JOHN HECTOR .. ..	City Gas Works, Nechells, Birmingham.
1905.	WILLMER, ERNEST EDWARD ..	Chief Eng., Darragh Spinning Mills Co., Quilon, Travancore, India.
1903.	{ WILLSTEED, CHARLES WESLEY, R.N. .. .. .	Mechanical Training Establishment, R.N. Barracks, Chatham.
1911.	WILSON, ALFRED CARRUTHERS	National Boiler and General Insurance Co., St. Mary's Parsonage, Manchester.
1898.	WILSON, DANIEL ELLIS .. ..	Oakley, Chinnor, Wallingford.
1910.	WILSON, DOUGLAS .. .. .	Sunnycot, Nursery Avenue, Hale, Altrincham.
1903. G.) 1913. A.M.)	WILSON, EWAIN MURRAY .. ..	Ellerby, Thetford.
1911.	WILSON, FRANCIS JAMES .. ..	Messrs. R. Wilson and Sons, Bank Chbrs., Laygate Circus, South Shields.
1903.	WILSON, FRANK .. .. .	Messrs. Mosers, 178 Borough High St., S.E.
1911.	WILSON, FREDERICK ROBERT ..	Chief Eng., West Ham Borough Asylum, Goodmayes, Ilford.
1910.	WILSON, GEORGE .. .. .	75 Eyre Street, Sheffield.
1907.	WILSON, HOWARD STUART .. ..	30 High Road, Chiswick, W.
1914.	WILSON, JOHN .. .. .	Roslyn, Airdrie.
1898.	WILSON, JOHN CHARLES .. ..	115 Foxhall Road, Nottingham.
1902.	WILSON, LEONARD HERBERT	Mines Dept., Winchester House, Johannesburg, Transvaal.
1911.	WILSON, NIGEL BROWN .. ..	9 Riverway, Palmer's Green, N.
1911.	WILSON, NORMAN CRESSWELL	107 Hospital Street, Birmingham.
1905. G.) 1910. A.M.)	WILSON, PERCY HUTCHINSON	Staveley Coal and Iron Co., near Chesterfield.
1905.	WILSON, ROBERT WOOD .. ..	Messrs. Fullerton, Hodgart & Barclay, Vulcan Works, Paisley.
1908.	WILTON, JOHN DANIEL .. ..	Wilton's Engineering & Slipway Co., 2 West-Kousdijk, Rotterdam, Holland.
1906.	WILTON, LESLIE EDWARDS .. ..	Messrs. Davis, Bennett & Co., 94A Horseferry Road, Westminster, S.W.
1908.	WILTON, WILLIAM .. .. .	Managing Director, Wilton's Engineering and Slipway Co., Rotterdam, Holland.
1901. G.) 1903. A.M.)	WINDSOR, ARTHUR WHALESBY	2 Melrose Avenue, Cricklewood, N.W.

## Date of Election.

1911.	WINSOR, WILLIAM HAYMAN ..	{ Messrs. R. Hornsby and Sons, 75b Queen Victoria St., E.C.
1914.	{ WINTER, ALEXANDER HARRY GEORGE DOUGLAS .. .. }	{ 51 Palmerston Crescent, Palmer's Green, N.
1911.	WINTER, WILLIAM .. ..	{ Elmbank, Abingdon Road, East Finchley, N.
1913.	WIRRICK, JOHN PARKINSON ..	{ Works Eng., Metropolitan Carriage Wagon and Finance Co., Oldbury Works, Oldbury.
1908.	WISE, GEORGE MACDONALD ..	{ P.O. Box 243, Apollo Street, Bombay.
1902. G. } 1904. A.M. }	WISWALL, JOHN WILLIAM ..	{ Messrs. Chas. Howson & Co., 164 Regent Rd., Liverpool.
1904. G. } 1911. A.M. }	WITHERINGTON, CHARLES HAN- INGTON .. .. .	{ Kacharigaon Tea Estate, Borjulie P.O., Assam, India.
1910.	WOLSEY, WILLIAM GEORGE ..	{ 19 Limes Rd., Folkestone.
1911.	WOOD, HARRY .. .. .	{ Ingersoll-Rand Co., 35 Rua Theo- philo Ottoni, Rio de Janeiro, Brazil.
1909.	WOOD, HARRY ARDEN .. ..	{ Swan Mills, P.O. Box 73, Bombay, India.
1907. G. } 1910. A.M. }	WOOD, HERBERT LANGTON ..	{ Rumpenhof Feilenfabrik, Post Box 519, Riga, Russia.
1902. G. } 1905. A.M. }	WOOD, WILFRED PIMM .. ..	{ 9 High Street Buildings, Dorking.
1904.	WOOD, WILLIAM JOHN HARVEY	{ Station Supt., Bolton Corp'n. Elec- tricity Works, Bolton.
1901.	WOODGER, PETER BISSET ..	{ 373 Hainton Avenue, Grimsby.
1913.	WOODHAMS, PERCY PAYNE ..	{ Mussels Ltd., 101 Water Street, Vancouver, B.C.
1906. G. } 1912. A.M. }	WOODHOUSE, Capt. ERNEST, R.E. .. .. .	{ R.E. Mess, Longmoor Camp, East Liss, Hants.
1905.	WOODHOUSE, NOEL .. ..	{ Union Cable Co., Dagenham Dock, Essex.
1908. G. } 1913. A.M. }	WOODS, EDMOND WILLIAM ..	{ 32 Market Square, Stonehaven.
1903.	WOODS, HARRY .. .. .	{ Loco. Dept., Shropshire and Mont- gomery Railway, Kinnerley, Os- westry.
1913.	{ WOODS, HERBERT FRANK GUNNELL .. .. . }	{ Yorkshire Electric Power Co., Barugh Power Station, Barnsley. British Portland Cement Manufrs., Works Dept., 6 Lloyd's Avenue, E.C.
1903.	WORNUM, JOHN RUSKIN .. ..	{ Technical School, Handsworth, Birmingham.
1903. G. } 1911. A.M. }	WORSSAM, LESLIE HENRY ..	{ Messrs. G. J. Worssam and Son, Wenlock Road, City Road, N.
1906. G. } 1914. A.M. }	WORSSAM, RALPH .. .. .	{ Messrs. G. J. Worssam & Son, Wenlock Road, City Road, N.
1902. G. } 1911. A.M. }	WRIGHT, ARTHUR REGINALD ..	{ 24 Platt's Lane, Hampstead, N.W.
1900.	WRIGHT, ERNEST .. .. .	{ St. Mary's Cottage, Waxwell Lane, Pinner, S.O., Middx.
1901.	WRIGHT, FRANK .. .. .	{ 19 St. Charles Square, North Ken- sington, W.
1905.	WRIGHT, FRANK .. .. .	{ Fairlawn, Weybridge.
1902. G. } 1906. A.M. }	WRIGHT, FRANK CLAUDE ..	{ P.O. Box 1117, Cape Town, Cape Colony.



Date of Election.

1903. G. } 1910. A.M. }	WRIGHT, FRANK THOMAS ..	{ Assist. Carr. & Wagon Supt., South Indian Rly. Co., Negapatam, Madras.
1910.	WRIGHT, GEORGE .. .. .	{ Works Mgr., Messrs. Porter & Co., Gowt's Bridge Works, Lincoln.
1889. G. } 1895. A.M. }	WRIGHT, HOWARD THEOPHILUS	Avening, The Green, Cowes.
1913.	WRIGHT, HUGH .. .. .	{ Messrs. Cochrane & Co., Woodside Iron Works, Dudley.
1900.	WRIGHT, ISAAC HENRY .. ..	7 Abington Rd., Brooklands, Manchester.
1912.	{ WRIGHT, JAMES WILLIAM EWART GLADSTONE .. .. }	{ Messrs. Davey, Paxman & Co., Standard Iron Works, Colchester. Kishm, c/o Clerk-in-charge, Telegraph Stn., Henjam, Persian Gulf.
1913.	WRIGHT, JOHN LAIRD .. ..	{ Henley's Telegraph Works, Gravesend.
1900.	WRIGHT, RICHARD OLIVER ..	471 Hornsey Road, N.
1905.	WRIGHT, THOMAS GEORGE ..	{ India Rubber, Gutta Percha and Telegraph Works Co., Silvertown, E.
1909. G. } 1913. A.M. }	WRIGHT, THOMAS HAROLD ..	{
1906.	{ WYATT, ARTHUR JAMES HERVEY .. .. . }	{ Elmhurst, Kimbolton Rd., Bedford.
1914.	WYLIE, ALEXANDER FORREST	{ c/o Director of Ordnance Factories, Calcutta, India.
1911.	{ WYNYARD-WRIGHT, VAUGHAN LASCELLES .. .. . }	{ Mech. & Electl. Eng. to Govt. of Cochin, Chalakudi P.O., Cochin State, S. India.
1914.	XENAKY, JOHN .. .. .	{ Chatsworth Road, Totley Rise, Sheffield.
1901.	YARDLEY, WILLIAM HENRY ..	{ Messrs. Princeps & Co., Princeps Works, Matilda St., Sheffield.
1900. G. } 1903. A.M. }	YATES, DONALD RUSSELL	{ Messrs. George Gahagan & Co., Bellasis Road, Bombay.
1907. G. } 1914. A.M. }	YATES, ROBERT VERNON ..	{ Moabund Tea Co., Gatonga P.O., Assam, India.
1906. G. } 1910. A.M. }	YORK, REGINALD STANLEY ..	18 Regent Square, Doncaster.
1906.	YOUATT, CLAUDE SEPTIMUS ..	{ 23 Egerton Rd., Fallowfield, Manchester.
1912.	YOUNG, ALGERNON GORDON ..	{ Messrs. H. Young & Co., Nine Elms Iron Works, S.W.
1912.	YOUNG, DOUGLAS STEWART ..	{ Messrs. H. Young & Co., Nine Elms Iron Works, S.W.

Date of Election.

1913.		YOUNG, FRANK .. .. .	{ Messrs. Arthur Butler & Co., Mozufferpore, Tirhoot, India.
1905.	G.}	YOUNG, GEOFFREY .. .. .	{ Messrs. J. G. White & Co., Caixa 235, Pernambuco, Brazil.
1912.	A.M.}		
1906.		YOUNG, HENRY WILLIAM ..	{ Witney, Oxfordshire.
1900.		YOUNG, HENRY WILSON .. ..	{ Norwich House, 13 Southampton St., Bloomsbury, W.C.
1907.	G.}	YOUNG, JOHN GRAHAM .. ..	{ Messrs. David Rowan & Co., 231 Elliot St., Glasgow.
1910.	A.M.}		
1914.		{ YOUNG, JOHN HENRY MOLIPH- ANT .. .. .	{ Chief Eng., British Oil and Cake Mills, 29 Great St. Helen's, E.C.
1912.		YOUNG, JOHN ROBERT .. ..	{ County Asylum, Stafford.
1907.		YOUNG, PERCY LOT.. .. .	{ Messrs. H. Young & Co., Nine Elms Iron Works, S.W.
1914.		YOUNG, ROBERT CLACHAR ..	{ 59 Langdale Avenue, Levenshulme, Manchester.
1913.		YOUNG, STANLEY GORDON ..	{ 10 Ingate Place, Battersea, S.W.
1907.	G.}	YOUNG, WALLACE FRANCHAN	{ St. Donats, Redland Court Road, Bristol.
1910.	A.M.}		
1899.		YOUNG, WILLIAM .. .. .	{ Eng., London County Asylum, Sutton, Surrey.
1914.		YUILL, MATTHEW .. .. .	{ Rising Sun Petroleum Co., 58 Yam- ashita-cho, Yokohama, Japan.

## ASSOCIATES.

[A. I. Mech. E.]

Date of Election.

1880.	{ ALLEN, WILLIAM EDGAR, Litt.D. . . . . }	{ Imperial Steel Works, Tinsley, Sheffield. ( <i>Deceased Jan. 1915.</i> ) }
1889.	BARR, JOHN . . . . .	{ The Glenfield Engineering Works, Kilmarnock. }
1892.	{ BOWMAN, FREDERIC HUNGER- FORD, D.Sc., F.R.S.E. . . }	{ 181 Stamford St., Brooks Bar, Manchester. }
1914.	BRIGHT, JOHN HADFIELD . .	Imperial Hydro Hotel, Blackpool.
1902.	{ CHANDABHOY, SHAPOORJEE NUSSERWANJEE . . . . }	Apollo St., Fort, Bombay.
1912.	CLARK-NEILL, JAMES . . . .	50 Bothwell St., Glasgow.
1899.	DOUGLAS, LOUDON MCQUEEN	{ Douglas Wharf, Putney, S.W. [ <i>Ibidem, London. Battersea 242.</i> ] }
1898.	DOWLEN, WALTON EDWARD . .	54 Rue Pierre Charron, Paris.
1900.	FEATHER, ROBERT . . . . .	{ Crown Sale Rooms, High St., Keighley. }
1891.	FOSTER, GEORGE . . . . .	{ Hecla Foundry Steel Works, Sheffield; and Regis Villa, Hall Rd., Rotherham. }
1889.	GOLBY, FREDERICK WILLIAM	36 Chancery Lane, W.C.
1900.	GOODRICH, WALTER FRANCIS	{ Clock House, Arundel St., Strand, W.C. }
1902.	GRIERSON, HENRY FORSTER . .	{ Caxton House, Tothill St., West- minster, S.W. }
1909.	{ GUEST, EDWARD GRAHAM, F.R.S.E. . . . . }	{ Messrs. McVitie, Guest & Co., 136 Princes St., Edinburgh. }
1891.	JACKMAN, JOSEPH . . . . .	{ Persberg Steel Works, Attercliffe Common, Sheffield. [ <i>Persberg, Sheffield. 94.</i> ] }
1897.	JAMES, ALBERT ALFRED . . . .	{ St. George's Works, Paradise St., West Bromwich. [ <i>James, Wire- works, West Bromwich. 5014.</i> ] }

## Date of Election.

1896.	KENNAN, WILLIAMS THOMAS ..	{ Messrs. Kennan & Sons, Fishamble St., Dublin. [ <i>Kennans, Dublin.</i> ]
1907.	{ KILBURN, BERTRAM EDWARD DUNBAR .. .. .	{ Chancery Lane Station Chbrs., High Holborn, W.C.
1896.	KING, BENJAMIN THOMAS ..	{ 165 Queen Victoria St., E.C. [ <i>Geologic, London. Central 682.</i> ]
1898.	LEECHMAN, GEORGE DOUGLAS	Lamb Building, Temple, E.C.
1896.	LEMKES, CARL RUDOLF LEWIN	{ Messrs. Schäffer & Budenberg, 5 Wellington St., Glasgow. [ <i>Injector, Glasgow. Royal 3119.</i> ]
1895.	MACBRAYNE, LAURENCE ..	11 Park Circus Place, Glasgow.
1886.	MACKENZIE, KEITH RONALD ..	Vectis, Bembridge, Isle of Wight.
1898.	MARSHALL, PERCIVAL .. ..	66 Farringdon Street, E.C.
1890.	MEGGITT, SAMUEL NEWTON ..	{ Messrs. Ibbotson Brothers & Co., Globe Steel Works, Sheffield.
1914.	MURPHY, LEONARD .. ..	{ Dublin Distillers' Co., 157 Thomas Street, Dublin.
1902.	NOYES, EDWARD .. .. .	115 Clarence St., Sydney, N.S.W.
1886.	PEACOCK, WILLIAM J. P. ..	8 Onslow Square, S.W.
1888.	PEAKE, ROBERT CECIL .. ..	{ Cumberland House, Redbourn, St. Albans.
1887.	PEECH, HENRY .. .. .	15 Victoria St., Westminster, S.W.
1887.	PEECH, WILLIAM HENRY ..	15 Victoria St., Westminster, S.W.
1884.	{ PHILLIPS, RICHARD MORGAN ( <i>Life Associate</i> ) .. .. .	{ c/o J. Griffin, 6 Algiers Rd., Ladywell, S.E.
1891.	PLANT, GEORGE .. .. .	242 Rotton Park Rd., Birmingham.
1897.	PRIOR, JAMES D. .. .. .	{ Eagle Range and Foundry Co., Catherine St., Aston, Birmingham [ <i>Ranges, Birmingham. 2558.</i> ]; and Roborough, Anderton Park Rd., Moseley, Birmingham.
1911.	RANSFORD, ROBERT BOLTON ..	{ 24 Southampton Buildings, Chancery Lane, W.C.
1891.	ROWCLIFFE, WILLIAM CHARLES	1 Bedford Row, W.C.
1899.	SACHS, EDWIN OTHO .. ..	7 Waterloo Place, Pall Mall, S.W.
1900.	{ SALOMONS, Sir DAVID LIONEL GOLDSMID-STERN, Bart. ..	Broomhill, Tunbridge Wells.
1909.	SEIFEDDIN, H.R.H. PRINCE ..	{ c/o Vice-Admiral Ahmed Pasha, ret., Box 293, Galata Post Office, Constantinople.

## Date of Election.

1893.	SIMPSON, EDWARD PERCY ..	101 Grosvenor Rd., Pimlico, S.W.
1892.	{ STEAD, JOHN EDWARD, D.Sc.,	{ 11 Queen's Terrace, Middlesbrough.
	{ F.R.S. .. .. .	{ [Stead, Middlesbrough.]
1893.	WADHAM, ARTHUR .. .. .	{ Wardrobe Chbrs., 146A Queen Victoria St., E.C. [Wadham, London.]
1897.	WALLACH, LEWIS CHARLES ..	{ Royal London House, Finsbury Sq., E.C.
1898.	WARNER, ASHBY WILLIAM ..	{ Norton, Stockton-on-Tees.
1913.	WHITE, ALFRED ERNEST ..	{ Jessel Chambers, 88-90 Chancery Lane, W.C.
1912.	WHITE, CARTER .. .. .	{ 10 Bush Lane, Cannon Street, E.C.
1883.	WILLIAMSON, ROBERT S. ..	{ Cannock and Rugeley Collieries, Hednesford, Stafford.
1891.	WISEMAN, EDMUND .. .. .	{ Messrs. E. Wiseman & Co., Silver St., Luton; and Uplands, London Rd., Luton. [Wiseman, Luton.]
1897.	WOOD, WILLIAM ALFRED ..	{ 42 Spring Gardens, Manchester. [Certificate, Manchester.]
1910.	WYNESS, JAMES PETER .. ..	{ 6 Mangoe Lane, Calcutta, India.
1899.	YOUNG, JOHN DRUMMOND ..	{ Managing Director, Scottish Boiler Insurance Co., 174 West George St., Glasgow. [Inspector, Glas- gow. 1271.]

## GRADUATES.

[G. I. Mech. E.]

Date of Election.

1911.	{ ABRAHAM, FREDERICK HER-	{ 1 Woodville Terrace, Horton Lane,
	MANN .. .. .	Bradford.
1911.	{ ABRAHAM, FREDERICK	{ General Supt.'s Dept., Midland
	WILLIAM .. .. .	Rly., Derby.
1910.	ADAM, HOWARD DENOVAN ..	31 Fernhead Rd., Paddington, W.
1911.	ADAMS, ALFRED BARTON ..	{ Messrs. Adams & Co., 1 Sise Lane,
		Queen Victoria St., E.C.
1914.	ADAMS, ARTHUR JOHN ..	44 Morning Field Road, Aberdeen.
1912.	ADAMS, CHARLES HENRY ..	16 Tasman Rd., Clapham, S.W.
1911.	ADAMS, DUDLEY .. .. .	{ Messrs. Adams & Co., 1 Sise Lane,
		Queen Victoria St., E.C.
1885.	ADDIS, FREDERICK HENRY ..	Ajmer, Rajputana, India.
1913.	AHMED, MOHAMED .. .. .	{ Govt. Hydraulic Dept., Bagdad,
		Turkey-in-Asia.
1905.	ALGAR, STANLEY CURTIS ..	{ 35 St. Paul's Avenue, Cricklewood,
		N.W.
1911.	ALLAN, JOHN EASTON .. ..	North Lake, South Park, Lincoln.
1909.	ALLEN, WILFRID .. .. .	{ 19 Rosslyn Crescent, Wealdstone,
		Middlesex.
1910.	ALLINSON, GEORGE LESLIE ..	Vigornia, Queen's Park, North-
		ampton.
1911.	AMARNATH, LALLA .. .. .	Chunian, Lahore, India.
1914.	AMBLER, CHARLES PEARSON	3 Mount Preston, Leeds.
1913.	{ ANDERSON, SYDNEY DRUM-	{ Liverpool University Detachment,
	MOND .. .. .	Lancs. (Fortress) R.E., Fort
		Dunsee, Donegal.
1910.	ANGELIS, MARIO DE .. ..	119 Avenue Mozart, Paris.
1913.	ANNACKER, JOSEPH PETER ..	{ Springfields, Powys Lane, South-
		gate, N.
1911.	ARCHBUTT, REGINALD CHARLES	{ Osborne House, Berrow, Burnham,
		Somerset.
E 1913.	ARMFIELD, JOSEPH HAROLD ..	{ Vale of Avon Iron Works, Ring-
		wood, Hants.
1911.	ARMSTRONG, ALFRED CHARLES	{ Talawakelle Engineering Works,
		Talawakelle, Ceylon.
1913.	ARMSTRONG, PERCIVAL JOE ..	{ 53 Hilton Road, Harehills Lane,
		Leeds.
1911.	ARMSTRONG, STANLEY .. ..	27 Belle Isle Street, Workington.
1913.	ARMSTRONG, WILLIAM KINGO	{ Yarborough House, Smedley Lane,
		Manchester.
1914.	ASH, SYDNEY HUBERT .. ..	{ 19 Portland Terrace, Jesmond,
		Newcastle-on-Tyne.
1908.	ASHMORE, JOHN ALFRED ..	Park Terrace, Blackwell, Alfreton.
1912.	ASLETT, EDWARD STRATTON ..	{ Lyndhurst, Carnarvon Rd., Strat-
		ford, E.
1910.	ATTACK, ARTHUR MARSHALL ..	Ferndale, Wantage Rd., Reading.

Date of Election.

1911.	{ AYERS, ARTHUR LIONEL MOW- BRAY .. .. . }	83 Hopton Road, Streatham, S.W.
1912.	AYRES, GEORGE HERBERT ..	{ 83 Hunton Road, Erdington, Bir- mingham.
1911.	BAKER, MOHNMUTH ABBE ..	Baker Lodge, Alleppey, S. India.
1911.	BALSOM, ERNEST VICTOR ..	{ 27 Hermitage Road, Finsbury Park, N.
1910.	BAMFORD, JOHN THEODORE ..	{ Messrs. E. G. Wrigley & Co., Foundry Lane Works, Soho, Birmingham.
1911.	BANERJEE, AMNLYA CHARAN	{ Baidyabaty, Hooghly Dist., Bengal, India.
1911.	BANKS, HERBERT WILLIAM ..	45 Highfield Rd., Dartford.
1912.	BANSALL, JOHN WILSON ..	36 Lensfield Road, Cambridge.
1912.	BARBER, ALFRED THOMAS ..	14 Dyne Road, Brondesbury, N.W.
1914.	{ BARDSLEY, JOHN CAMERON GORDON .. .. . }	{ Sunnycroft, King Egbert Road, Dore, Sheffield.
1910.	BARNES, ERIC EARLE .. ..	22 Park Hill, Ealing, W.
1911.	{ BARNES, HAROLD NOEL WYKE- HAM .. .. . }	45 Kensington, Liverpool.
1913.	BARR, ALARIC CECIL .. ..	The Myndtown, Hillary, Natal.
1912.	BARR, JAMES ARCHIBALD ..	Glen View, Barterholm, Paisley.
1913.	BARRETT, CHARLES HENRY ..	Roxborough Hotel, Harrow.
1913.	BASCH, HENRY .. .. .	14 Woodstock Road, Poplar, E.
1913.	BATES, GEORGE EDWARD ..	{ Ord Factory, Pamghatta P.O., Siliguri, India.
1909.	BATES, WILLIAM RESTON ..	{ 56 Blenheim Gardens, Willesden Green, N.W.
1911.	BATT, EDWIN GEORGE .. ..	45 Lammas Park Road, Ealing, W.
1913.	BEACHAM, THOMAS EDWARD ..	{ Messrs. Compayne, 64 Victoria St., Westminster, S.W.
1911.	BEATON, HARRIS JOHN .. ..	{ Shrublands, Weston Grove Road, Woolston, Southampton.
1912.	BECK, JOHN WILSON .. ..	229 Burdett Rd., Limehouse, E.
1912.	BEEVERS, LESLIE .. .. .	{ Greeba Terrace, Welbeck St., Wake- field.
1911.	BEIT, RUPERT OWEN .. ..	{ Caixa 10, Natal, Rio Grande do Norte, Brazil.
1912.	BELL, JOHN .. .. .	{ Mina de San Domingos, Mertola, Portugal. ( <i>Deceased Jan. 1915.</i> )
1911.	{ BELTON, CHARLES MORITZ DUNSFORD .. .. . }	{ Cranford, Ellesmere Rd., Shrews- bury.
1912.	BENNY, HERBERT BERGER ..	{ 39 Cromwell Grove, West Kensing- ton Park, W.
1912.	BENTLEY, HUBERT .. .. .	7 Woodbine Terrace, Halifax.
1909.	BENTLEY, WALTER OWEN ..	80 Avenue Rd., Regent's Park, N.W.
1911.	BEST, ALFRED, JUN. .. ..	2 Barnett St., Burnt Tree, Tipton.
1910.	BETTERTON, WALTER .. ..	{ 164 Hanover Road, Brondesbury Park, N.W.
1914.	BINGHAM, JAMES HERBERT ..	Church Hill, Pinxton, Alfreton.
1911.	BIRCH, ERNEST WILLIAM ..	13 Ladbroke Road, Notting Hill, W.
1911.	BLANCHARD, LESLIE WILLIAM	{ 57 Longridge Road, Earl's Court, S.W.

## Date of Election.

1912.	{ BOLTON, CHARLES JOHN	{ Messrs. J. Stone & Co., 7/2 Welles-
	HOWARD .. .. .	ley Place, Calcutta.
1915.	BONAR, DAVID DOUGHTY MILL	73 Westbourne Avenue, Hull.
1913.	BONAR, ROBERT .. .. .	Victoria Gardens, Kirkcaldy.
1913.	BOND, FREDERICK WILLIAM ..	Thorncliffe, Brighouse.
1912.	BOND, HENRY FIELDING ..	16 High St., Leiston, Suffolk.
1913.	BOURBEL, GODFREY DE .. ..	{ Assist. Loco. & Carr. Supt., South
		Indian Rly., Negapatam, India.
1910.	BRADLEY, ARTHUR PERCY ..	Connaught Club, Marble Arch, W.
1907.	BRAMWELL, ERNEST CHARLES	{ Imperial Brewing Co., Kamloops,
		British Columbia.
1911.	BRAMWELL, FRANCIS HERBERT	{ National Physical Laboratory,
		Bushy House, Teddington,
		Middlesex.
1908.	BRANDER, JAMES .. .. .	62 Haverstock Rd., Knowle, Bristol.
1911.	BRAY, HERBERT PAINE .. ..	5 Hazeldene Road, Chiswick, W.
1887.	BREMNER, BRUCE LAING ..	{ Assist. Loco. Supt., Uganda Rly.,
		Nairobi, Brit. E. Africa.
1912.	BRENNAND, JOHN .. .. .	Kildonan, Sutton-on-Sea, Lines.
1912.	BRIERLEY, WALTER .. .. .	{ 1 Oak Villas, Cove, Farnborough,
		Hants.
1911.	BRIGGS, ROLAND HUNTER ..	{ 22 Naylor Road, Totteridge Lane,
		Whetstone, N.
1908.	BRINTON, LANCELOT KNIGHT	{ County Motor Works, Poole Rd.,
		Branksome, Bournemouth.
1911.	BROADHURST, FRANCIS ARKLE	{ Messrs. Heatly & Gresham, 75
		Hornby Road, Bombay.
1912.	BRODIE, EDWARD DAVID ..	{ 4 Bideford Gardens, Monkseaton,
		Whitley Bay, Northumberland.
1909.	BROMWICH, BERNARD ALFRED	44 Sydenham Rd., Croydon.
1907.	BROWN, ERNEST WILLIAM ..	{ Victoria Iron Works, Leighton
		Buzzard.
1909.	BROWN, FREDERICK ARTHUR ..	{ Construction Dept., Canadian
		Pacific Rly., Windsor Station,
		Montreal, Quebec, Canada.
1909.	BROWNE, JOHN LOVELL ..	47 Glen Rd., Nether Edge, Sheffield.
1914.	{ BRUCE, ALEXANDER CHARLES	{ Lowland Mounted Brigade, T. & S.
	ARBUTHNOT .. .. .	Col., A.S.C., Home Defence,
		Edinburgh.
1910.	BUCKTON, ARTHUR SCOTT ..	69 Hampton Rd., Forest Gate, E.
1913.	{ BUDENBERG, CHRISTIAN FRED-	{ Trinity College, Cambridge.
	ERICK, JUN. .. .. .	
1913.	BULLIVANT, TREVOR .. .. .	{ Messrs. Bullivant & Co., 72 Mark
		Lane, E.C.
1907.	BULLWINKLE, GEORGE ROYALL	59 Durlston Rd., Upper Clapton, N.
1911.	BUTLER, JOHN LAWRENCE ..	{ Waterworks Engr.'s Office, Leigh-
		ton Reservoir, Masham, Yorks.
1914.	BUTTERFIELD, KENNETH ..	Airewood, Thwaites Brow, Keighley.
1913.	BUTTERWORTH, BEN .. .. .	429 Bury Road, Rochdale.
1912.	{ CALTHROP, KEITH DE SUF-	{ Messrs. E. R. Calthrop & Partners,
	FIELD .. .. .	Eldon St. House, Eldon St., E.C.
1912.	CARR, REGINALD SIDNEY ..	{ Loco. Dept., Plant Works, G.N.
		Rly., Doncaster.



Date of Election.

1910.	CARTER, STANLEY CYRIL ..	Burnage, Sydenham, S.E.
1912.	CARTWRIGHT, IAN ROBERT ..	{ Whitehurst, Frere Rd., Sea Point, Cape Town, Cape Colony.
1891.	CASWELL, CHARLES HENRY ..	{ 83 Mount Pleasant, Barrow-in- Furness.
1914.	CATON, CECIL ROWLAND ..	{ Bradenstoke, West Byfleet, Wey- bridge.
1912.	{ CHANDLER, WILLIAM RICHARD POWELL .. .. . }	Presland, Pinvin, Pershore.
1913.	{ CHANDRASHEKHARAIYA, HOSA- GRAHAR RAMANNA .. .. }	{ Asst. Supt., Govt. Industrial School, Channapatna, Bangalore Dist., India.
1911.	CHATWIN, EDGAR AMBROSE ..	47 Cleveland Road, North Shields.
1912.	CHRIMES, THOMAS EDWARD ..	{ 22 Jerningham Road, New Cross, S.E.
1914.	{ CLARKE, HARRY GEORGE GOULD .. .. . }	34 Barrowgate Road, Chiswick, W.
1908.	CLAUSEN, HUGH .. .. .	61 Carlton Hill, N.W.
1912.	CLEWS, ROLAND TREVOR ..	{ Loco. Dept., Midland Rly., Lan- caster.
1911.	CLOWES, SIDNEY .. .. .	66 Cedar Road, Aintree, Liverpool.
1911.	COARD, CHARLES ARTHUR ..	{ The Dell, Spur Road, Parkstone, Dorset.
1908.	COCKROFT, HENRY OGDEN ..	{ 36 Emlyn Road, Wendell Park, Shepherd's Bush, W.
1909.	COOK, FREDERICK WILLIAM ..	{ Battlebridge Farm, Merstham, Red Hill.
1912.	COOK, JOHN .. .. .	23 Varna Rd., Edgbaston, Birming- ham.
1912.	COOK, JOHN WILLIAM DONALD	Chadhurst, Potters Bar, Middlesex.
1908.	COOKE, ALFRED LEWIS .. ..	{ 9 Minster Road, Cricklewood, N.W.
1911.	COPLEY, HUGH .. .. .	{ British Cotton Growing Assocn., Ibi, <i>via</i> Lokoja, N. Nigeria.
1910.	{ CORBEN, WILFRID GEORGE AYLING .. .. . }	{ Brockhurst, Observatory Rd., Cape Town, Cape Colony.
1912.	CORFE, ALLAN WILLIAM ..	{ 16 Clwyd St., Upper Brighton, Wallasey, Cheshire.
1909.	{ CORKERY, ALBERT THOMAS MOORE .. .. . }	{ P. W. D., Johore Bahru, Johore, Straits Settlements.
1912.	COUSIN, ARTHUR NORMAN ..	73 Idsworth Rd., Sheffield.
1911.	CRAWSHAW, PERCY WILLIAM..	{ Silver Oaks, 22 Abbott Rd., Luck- now, India.
1906.	CROFT, CYRIL MURTON .. ..	{ Wandsworth and Putney Gas Light and Coke Co., Fairfield Street, Wandsworth, S.W.
1912.	{ CROFTON, EDWARD VIVIAN MORGAN .. .. . }	Marlton House, Wicklow.
1912.	CROMIE, WILLIAM HENRY ..	3 Cavendish Rd., Balham, S.W.
1914.	CRONIN, HENRY FRANCIS ..	56 St. Anne's Crescent, Lewes.
1912.	CROOKE, SIDNEY EGBERTON ..	84 Goldsmith Avenue, Acton, W.
1914.	CROSSE, ERNEST .. .. .	30 Waterloo Road, Wolverhampton.
1907.	CROW, SYDNEY HOLBROOK ..	190 High St., Guildford.
1913.	{ CROWDEN, JOHN CARTWRIGHT TRIGUE .. .. . }	{ 139 Shady Side, Hexthorpe, Don- caster.
1912.	CRYER, THOMAS BOND .. ..	{ Penrikyber Navigation Colliery Co., Penrhiwceiber, R.S.O., Glam.
1907.	CUNNINGHAM, FRANK LEONARD	{ 63 St. Mary's Grove, Chiswick, W.

Date of Election.

1912.	CURRIE, ALAN WHITMORE ..	{ Town Hall, Milton Rd., Stoke Newington, N.
1913.	{ CUTBILL, EDWARD HILTON EYRE .. .. .	{ Messrs. Macbeth Bros. & Co. Bombay, India.
1913.	DALE, TOM JESSE .. .. .	{ Ganz Electric Co., P.O. Box 1473, Cairo, Egypt.
1910.	DALKIN, GEORGE ROBERT ..	{ c/o Box 1262, Edmonton, Alb., Canada.
1911.	DALLAL, HOMI COOVERJI ..	{ Brazil N.E. Rlys., Caixa 55, Forta- leza, Ceara, Brazil.
1912.	{ DARBISHIRE, JAMES THURSTAN DUKINFIELD .. .. .	{ 14 Palace Mansions, Kensington, W.
1912.	DAVISON, WILLIAM .. .. .	{ 42 Nether Hall Road, Doncaster.
1911.	DAWSON, HERBERT PERCY ..	{ 21A Marina, St. Leonards-on-Sea, Sussex.
1909.	DAY-LEWIS, GEORGE HOLMES	{ Broadwater, Tweedy Rd., Bromley, Kent.
1909.	DE AGUIRRE, OLYNTHO CONTO	{ c/o D. João A. Aguirre, Estado do Espírito Santo, Victoria, Brazil.
1912.	{ DELVES, FRANCIS JOSEPH, JUN. .. .. .	{ United Malaysian Rubber Co., 22 Raffles Quay, Singapore, S.S.
1910.	DE RITTER, ALBERT HENRY ..	{ 62 East India Rd., E.
1909.	DEWIDAR, MOHAMED FOAD ..	{ Haret Syaeda Zenat, 6 Haret Sham- ashirgy, Cairo, Egypt.
1907.	DICK, FRANK MACKENZIE ..	{ Troughbrook Lodge, Brimington, Chesterfield.
1912.	DICKSEE, CEDRIC BERNARD ..	{ Brendon Lodge, Lyndale, Finchley Road, N.W.
1912.	DICKSON, HUGH SPENCER ..	{ 14 Conway Avenue, Carlton, Not- tingham.
1911.	{ DISCOMBE, ALGERNON HAN- HAM .. .. .	{ Asst. Loco. Supt., Nigerian (Eastern) Rly., Port Harcourt, S. Nigeria.
1912.	DOMLEO, ROBERT FREARSON ..	{ Middlestead, Breaston, Derbyshire.
1910.	DORMAN, RICHARD BROOKE ..	{ Connaught Club, Marble Arch, W.
1913.	DORSETT, WILFRED BRAYBROOK	{ 69 Dunvegan Road, Eltham Park, S.E.
1909.	{ DOUTON, FREDERIC CHARLES RIPLEY .. .. .	{ 70 Electra St., Williamstown, Vic- toria.
1908.	DOWLING, WILLIAM .. .. .	{ Hope View, North Queensferry, Fife.
1912.	DRUITT, CHARLES LAMBERT ..	{ 27 Palace Street, Canterbury.
1912.	DRUMMOND, WALTER JAMES ..	{ 23 Cannon Place, Hampstead, N.W.
1914.	{ DUCKWORTH, CHRISTIAN LESLIE DYCE .. .. .	{ 15 Sutherland Street, Hillhead, Glasgow.
1912.	DUNCAN, BERNARD ARTHUR ..	{ 7 Belvidere Rd., Princes Park, Liverpool.
1891.	DUNCAN, MARTIN GORDON ..	{ 741 Pacific Street, Vancouver, B.C.
1913.	DUNCAN, WILLIAM JOLLY, B.Sc.	{ Rodona, Dumbreck, Glasgow.
1912.	DUTHIE, HAROLD .. .. .	{ 110 Burbank Street, West Hartle- pool.

## Date of Election.

1911.	EASTON, CYRIL ALBERT .. ..	7 Shell Rd., Lewisham, S.E.
1910.	EATON, ALFRED HENRY .. ..	Winchfield, 19 The Avenue, Southampton.
1914.	EDELEANU, ION .. ..	57 Redcliffe Road, South Kensington, S.W.
1911.	EDWARDS, ARTHUR HEWITT ..	Brazilian Rly. Co., 1 Praca Mana, Rio de Janeiro, Brazil.
1914.	EDWARDS, EDWARD HARRISON	16 Parkdale, Wolverhampton.
1914.	EDWARDS, ROBERT GORDON	97 Maxey Road, Woolwich.
1913.	ELLINGHAM, ERNEST HARRY	Cintra, Roundhay, Leeds.
1913.	ELLIOTT, JOHN RICHARD ..	Royal Laboratory, Royal Arsenal, Woolwich.
1910.	ELLIS, HERBERT DUDLEY ..	Messrs. Tangyes, Cornwall Works, Soho, Birmingham.
1910.	ELLIS, JACK JEFFERSON ..	13 Leyland Avenue, Fos Lane, Burnage, Manchester.
1912.	ENGLISH, JOHN .. ..	121 Maryvale Road, Bournville, Birmingham.
1911.	EUSTACE, FRED ARTHUR ..	19 Woodstock Road, Croydon.
1909.	EVANS, ALBERT LEONARD ..	Mech. Engineering Dept., Royal Arsenal, Woolwich.
1914.	EVANS, JAMES HUBERT BOURNE	5 Cecil Avenue, Wembley, Middlesex.
1912.	EYLES, GEORGE FREDERIC ..	Drawing Office, Messrs. Willans and Robinson, Rugby.
1907.	{ FANGHANEL, WALTER PAUL FREDERICK .. .. . }	Ravendale, East Acton, W.
1913.	FARR, LIONEL .. .. .	45 Christchurch Road, Doncaster.
1911.	FAULKNER, JAMES EDWARD ..	99 Hay St., Subiaco, Perth, Western Australia.
1911.	{ FAWCETT, EDWARD GEORGE DUNCAN }	41 Devonshire Road, Harrow.
1908.	FENTON, COLIN STANLEY ..	c/o Wm. C. Fenton, 10 Paradise Square, Sheffield.
1911.	FLEMING, SAMUEL HENRY ..	Oldtown House, Letterkenny, Ireland.
1910.	FORREST, HUBERT .. .. .	93 Bensham Manor Road, Thornton Heath, Surrey.
1911.	FORSYTH, WILLIAM JAMES ..	Clandon, Chase Green Avenue, Enfield, Middlesex.
1912.	FORWARD, PHILIP GRAINGER	Tiverton, McLeod Road, Abbey Wood, Kent.
1913.	FOSSEY, ALFRED HENRY ..	30 Wingrove Road, Newcastle-on-Tyne.
1910.	FOX, CHARLES WOODWARD ..	Messrs. Fraser & Chalmers, Erith, Kent.
1910.	FRANCE, WILLIAM HENRY ..	42 Lambolle Road, Hampstead, N.W.
1912.	{ FRANKLYN, FRANCIS EDWARD HAZELWOOD .. .. . }	Assam Co., Nazira P.O., Upper Assam.

## Date of Election.

1911.	GARDNER, ROBERT HASWELL	{ 147 Osborne Road, Jesmond, Newcastle-on-Tyne.
1910.	GARNER, HARRY MILLS .. ..	{ Messrs. R. W. Cameron & Co., 84 Queen Street, Melbourne, Victoria.
1913.	GARNER, WILLIAM CLEWES .. ..	{ 96 Kirkmanshulme Lane, Longsight, Manchester.
1909.	GIBSON, KARL JOCELYN .. ..	{ Loco. Supt.'s Office, Rhodesian Rlys., Umtali, Rhodesia.
1913.	GILBERT, DAVID .. .. .	{ 5 Orchard Road, Eastbourne.
1912.	{ GILBERT, REGINALD WILLIAM ARTHUR .. .. .	{ 93 Tuddenham Road, Ipswich.
1909.	GILLIES, CHARLES MALCOLM	{ British Abrasive Wheel Co., Tinsley, Sheffield.
£ 1914.	GISSEL, HENRY .. .. .	{ 26 Linden Gardens, Chiswick, W. (No. 185), No. 1 Field Company, R.N. Div., Divisional Engrs., Upper Walmer, Kent.
1912.	GLEDHILL, CHARLES .. .. .	{ Dersingham, Greenroyd, Halifax.
1907.	GLEDHILL, GILBERT .. .. .	{ Olive Mount, St. Ann's, St. Helens, Lancs.
1910.	GLOVER, RONALD BROWN .. ..	{ North Lodge, Holders Hill, Hendon, N.W.
1908.	GODFREY, HENRY RONALD .. ..	{ Chandowa, Rosekandi P.O., Cachar, India.
1912.	GOMME, DAVID ESMOND .. .. .	{ Public Works Dept., Ipoh, Perak, F.M.S.
1912.	GOOCH, STANLEY JOHN .. .. .	{ Waldegrave, Fairfield, Manchester.
1914.	GOODIER, ROBERT .. .. .	{ 1 Princes Road, Felixstowe.
1908.	GORT, ALBERT HENRY .. .. .	{ 2 Mount St., Rodney St., Liverpool.
1910.	GOUGH, ROBERT ELLIOTT .. ..	{ 9 Kitson Rd., Barnes, S.W.
1910.	GRAHAM, ROLAND FUSSELL .. ..	{ The Bijou, Thames Ditton.
1913.	GRANTHAM, JOHN ALPE .. .. .	{ 3 Colebrooke Avenue, Ealing, W.
1912.	GREEN, FRANK MENZIES .. .. .	{ Sutton-at-Hone, Dartford.
1910.	GREENFIELD, ARTHUR .. .. .	{ 4 Rundu Road, Criklewood, N.W.
1912.	GREENFIELD, ERIC BERAND .. ..	{ 47 London Road, Braintree.
1913.	GREENWOOD, JOHN DENNIS .. ..	{ 17 Grantham Rd., Clapham, S.W.
1907.	GROOM, STANLEY .. .. .	{ East Stockwith Vicarage, Gainsborough.
£ 1913.	GURNHILL, JOHN BYRON .. .. .	
1911.	HAILE, EDWARD .. .. .	{ 73 The Grove, Camberwell, S.E.
1914.	HAILE, FRANK .. .. .	{ 5 Bath Street, Brighton.
1910.	HALL, GILBERT SUDBURY .. .. .	{ Greenaleigh, Matlock Bath.
1911.	HALL-BROWN, ARCHIBALD .. ..	{ Leighton, Saltburn-by-the-Sea.
£ 1911.	HAMBLY, WILLIAM MIDDLETON	{ 46 Claude Road, Cardiff.
1908.	HAMILTON, HARRY .. .. .	{ Nottingham Terrace, 431 Eccles New Rd., Weaste, Manchester.
1913.	HARDY, THOMAS HENRY .. .. .	{ 29 Laburnum Road, Gorton, Manchester.
1911.	HARDY, WILLIAM GUY .. .. .	{ 11A The Drive, Oakthorpe Road, Palmer's Green, N.
1913.	HARRIS, LYN ARTHUR PHILIP	{ Redcote, Llanishen, Cardiff.

Date of Election.

1913.	HARWOOD, EDMUND MILLS ..	{ Messrs. Duncan Stratton & Co., Post Box 64, Bombay, India.
1909.	HATCH, WILLIAM ASHTON ..	{ 24 Kiln Lane, Dentons Green, St. Helens.
1908.	HAYES, MORGAN WILFRID ..	{ Cadastral Branch, Survey Dept., Nairobi, British E. Africa.
1912.	HAYWARD, RUSSELL DALLAS	{ No. 2440, G Company, 4th Bat- talion Wilts, G.P.O., Bombay.
1906.	HEAD, GEORGE BURGESS DIGBY	{ Messrs. Marshall Sons & Co., Bal- lard Rd., Bombay.
1914.	HEAD, JOHN LAURENCE ..	{ 246 Willesden Lane, N.W.
1911.	HEAP, GEORGE HERBERT ..	{ Messrs. Walker Sons & Co., Co- lombo, Ceylon.
1911.	{ HEBBLETHWAITE, WILLIAM MURRAY .. .. .	{ Dial House, Burley-in-Wharfedale, Leeds.
1913.	{ HENDERSON, CHARLES GRA- HAM .. .. .	{ Spenholme, 73 Enys Road, East- bourne.
1909.	HENRIQUES, WILFRID QUIXANO	{ 50 Sussex Gardens, Hyde Park, W. Aviation Dept., Sir W. G. Arm- strong, Whitworth & Co., Grand Stand Bldgs., Gosforth, New- castle-on-Tyne.
1912.	HERON, SAM DALZIEL .. ..	{ 21 Hunter Rd., Thornton Heath, Surrey.
1910.	HIDE, WALTER DANIEL .. ..	{ West Surrey Water Works, Walton Bridge, Walton-on-Thames.
1911.	HILL, ARTHUR TRENCHARD ..	{ Exmouth House, Bath Road, Cowes.
1912.	HILL, SYDNEY BURGAN .. ..	{ 3 Fairfield Tce., Ashton Old Road, Higher Openshaw, Manchester.
1911.	HINES, JOHN SYDNEY .. ..	{ 3rd Circle of Irrigation, P.W.D., Boulevard de Ramleh, Alex- andria, Egypt.
1908.	{ HITCHCOCK, GEOFFREY ED- MUND WILLIAM .. .. .	{ 75 Riverdale Road, Ranmoor, Sheffield.
1911.	HODGSON, LEONARD STANLEY	{ 415 Spring Bank West, Hull.
1913.	HODGSON, WILLIAM .. ..	{ Wesley Street, Carrington, Not- tingham.
1891.	HODGSON, WILLIAM JAMES ..	{ Fintragh, Shrewsbury Rd., Dublin.
1887.	HOGG, WILLIAM .. .. .	{ 9 Cecil Terrace, Stamford.
1913.	HOLLOWDAY, CARL VICTOR ..	{ 1 Town Pier, Gravesend.
1911.	HOMWOOD, JAMES BLÜM .. ..	{ Messrs. Willans & Robinson, Victoria Works, Rugby.
1913.	HOUSTON, THOMAS RALPH ..	{ Brazil North Eastern Railways, Ceara, Brazil.
1913.	HOWARD, ERNEST JAMES ..	{ 19 Kempston Road, Bedford.
1889.	HOWARD, GEOFFREY .. ..	{ Britannia Iron Works, Bedford.
1888.	HOWARD, HARRY JAMES ..	{ Messrs. Colman's Mustard Mills, Carrow Works, Norwich.
1913.	HUGHES, CUTHBERT LOCKETT	{ Keymer Villa, Keymer, Hassocks, Sussex.
1913.	HUGHES, PERCY HENRY .. ..	{ Moorfield, Croft's Bank Road, Urmston, Manchester.
1907.	HUGHES, STANLEY CHESTER ..	{ Chesterfield, 4 Prince's Rd., Wim- bledon, S.W.
1909.	HUMBLE, GEORGE CRASTER ..	{ Sociedad Española de Construc- ciones Naval, Ferrol, Spain.
1912.	HUMBY, ROBERT .. .. .	{ R.N. Divn., Engineer Unit, Oxney Bottom Camp, Ringwould, Dover.

## Date of Election.

1909.	HUNT, HENRY FRANCIS .. ..	{	Cotsford, Uplands Park, Enfield, Middx.
1909.	HUNTER, FREDERICK ARTHUR	{	45 Silverdale, Sydenham, S.E.
1910.	HUNTER, MICHAEL BERNARD	{	Carisbrooke, Albany Crescent, Claygate, Surrey.
1905.	HUNTLEY, HORACE FREDERICK	{	46 West View Road, Barrow-in- Furness.
1911.	HURNER, RUDOLPH .. ..	{	8 Highbury Quadrant, N.
1912.	{ ILLINGWORTH, HOWARD SEY- MOUR .. .. . }	{	Bramley, Basingstoke.
1913.	{ INGLEFIELD, Lieut. AUBREY FITZMAURICE, R.N. .. .. }	{	10 Ovington Square, Chelsea, S.W.
1910.	INGOLDBY, ERIC .. ..	{	The Bank House, Newnham, Glos.
1912.	{ IRELAND, ARTHUR JAMES THOMAS .. .. . }	{	14 Winthorpe Road, Putney, S.W.
1911.	ISARD, ARTHUR PERCIVAL ..	{	2nd Lieut. Kent (Fortress) R.E., Headquarters, Pier Rd., Gilling- ham, Kent.
1913.	ISSELS, HENRY GORDON ..	{	P.O. Box 74, Bulawayo, Rhodesia.
1908.	ISTED, WALTER DUDLEY ..	{	Livingstone House, Burgess Hill, S.O., Sussex.
1909.	IVEY, STEPHEN FRANK .. ..	{	Ivydene, New Town, Colchester.
1912.	{ JACKSON, CHARLES LAURENCE HAMILTON .. .. . }	{	Bosque Alegre, Alta Gracia, F.C.C.A., Arg. Rep.
1910.	JACKSON, HARRY YULE VIVIAN	{	27 East Avenue, Burnage Lane, Levenshulme, Manchester.
1914.	JACKSON, HERBERT JOHN ..	{	27 East Avenue, Burnage Lane, Levenshulme, Manchester.
Cr 1912.	JACKSON, RALPH .. ..	{	8 Wheatholme Street, Cloughfold, Manchester.
1908.	JAMES, ERNEST FREDERICK ..	{	1 Rusham Rd., Balham, S.W.
1911.	JAMES, WILLIAM DOUGLASS ..	{	Inglodene, Plymouth.
1910.	JENKINS, DAVID WALTER ..	{	87 Union Ave., Montreal, Canada.
1909.	JOCKEL, LAURET MARSHALL ..	{	City Electricity Works, Foss Islands Rd., York.
1910.	JOHNS, JOHN DATE .. ..	{	47 Berners Street, Ipswich.
1913.	JOHNSON, GILBERT KING ..	{	British Insulated & Helsby Cables, 8 Westmoreland St., Dublin.
1913.	JOHNSON, STANLEY BARKER ..	{	Gas Works, Colombo, Ceylon.
1913.	JONES, CHARLES HAROLD ..	{	Ivy Villa, 124 Cannock Road, Park Village, Wolverhampton.
1908.	JONES, EDGAR PRICE .. ..	{	17 Heathfield Avenue, Crewe.
1911.	JONES, GEORGE BISHOP .. ..	{	431 Foleshill Road, Coventry.
1914.	JONES, GEORGE SYDNEY ..	{	60 Howard Road, Walthamstow, N.E.

Date of Election.

1913.	JONES, GWYNNE CORBETT ..	{ 10 Loraine Mansions, Widdenham Road, N.
1911.	JONES, JOHN MAXWELL .. ..	{ 31 South Street, Greenwich, S.E.
1891.	JORDAN, FREDERIC WILLIAM ..	{ 51 Selwyn Ave., Richmond, Surrey.
1913.	JORDAN, HERBERT MALCOLM ..	{ Coldstream Cottage, High Street, Sunninghill, Ascot.
1912.	JUNNER, GORDON MACKENZIE	{ Birdhurst Lodge, South Croydon.
1910.	KARN, RAYMOND EDWARD ..	{ 106 Haverstock Hill, N.W.
1912.	KEMPE, IRWIN TREVANION ..	{ St. Martin's, Long Ashton, Bristol.
1911.	{ KING, HERBERT EDWARD DE	{ Helena Street, Guildford, Western
	{ COURCY .. .. .	{ Australia.
1908.	KING, STEPHEN HOLMES ..	{ Segghawe, Holly Park Gardens, Finchley, N.
1907.	KINGSBURY, HAROLD .. ..	{ Burton Dasset, Herne Hill, S.E.
1910.	KINGSMILL, VICTOR HENRY ..	{ Richmond Villas, Balmoral, Belfast.
1914.	KIBBY, HAROLD LEPINE ..	{ 30 Oakdale Road, Streatham, S.W.
1911.	KNIGHT, ROY ENGLEHEART ..	{ Tooradin, Pevensey Bay, Sussex.
1908.	{ KRÖNIG, HEINRICH HERMANN	{ Norman House, Wardle Rd., Sale,
	{ GUSTAV .. .. .	{ Manchester.
1908.	LAIDLER, CHARLES REMFRY ..	{ Messrs. Babcock & Wilcox, Calle Ventura de la Vega 1, Madrid.
1911.	LAIITY, WILLIAM HARVEY ..	{ Trefusis, Falmouth.
1912.	LAMPORT, EDWARD JOHN ..	{ 15 Blenheim Rd., Eastleigh, Hants.
1912.	LANCASTER, JOHN STUART ..	{ Brookfield, Chesterfield.
1911.	LAPWORTH, FRANCIS JAMES ..	{ 129 Queen's Gate, Bolton.
1911.	LASCELLES, THOMAS SPOONER	{ 151 Cavendish Road, Clapham Park, S.W.
1912.	LATHAM, PERCY BARKLEY ..	{ 38 Nantwich Road, Crewe.
1908.	LAWRENCE, LAWRENCE ERNEST	{ c/o Eng.'s Dept., P. & O. Co., 122 Leadenhall St., E.C.
1912.	LAWTON, FREDERICK WILLIAM	{ 99 King's Road, Erdington, Birmingham.
1912.	LAWTON, HERBERT A. .. ..	{ 139 Batcliffe Road, Loughborough.
1914.	LEA, HARRY WALTER .. ..	{ Park View, 78 Peelhouse Lane, Widnes.
1906.	LEACH, GEORGE BERTRAM ..	{ Greenbooth House, Norden, Rochdale.
1908.	LEDWICK, GEORGE, JUN. ..	{ Sendayan Rubber Estate, Port Dickson, Negri Sembilan, F.M.S.
1910.	LEE, HOE TWEY .. .. .	{ Drawing Office, Messrs. Glenfield & Kennedy, Kilmarnock.
1908.	LEE, LIONEL JAMES .. ..	{ Akassa Dockyard, Akassa, S. Nigeria.

## Date of Election.

1913.	LEGG, OSCAR STEVENS .. ..	{ Messrs. F. H. Hartley & Son, Magaliesberg, Transvaal.
1911.	LEIGH, HAROLD .. .. .	{ Vincent Lodge, 333 Norwood Rd., S.E.
1913.	{ LESTER, NORMAN HARRINGTON READER .. .. .	{ Castledene, 29 North End Avenue, Portsmouth.
1886.	{ LEWIS, WILLIAM THOMAS WATKIN .. .. .	{ Engineer's Office, Bute Docks, Car- diff; and Oaklands, Penarth.
1912.	LILEY, HENRY DEAKIN .. ..	{ Theobalds, Hawkhurst, Kent.
1912.	LINLEY, PERCY .. .. .	{ 112 Lee Road, Blackheath, S.E.
1912.	LITTLEDALE, EDMUND HAROLD	{ Beverley, Lyndhurst, Hants.
1911.	LLOYD, THOMAS BUTLER ..	{ 318 Lagauchetiere St.W., Montreal, Canada.
1913.	LLOYD-EVANS, BERNARD JOHN	{ Temperance Hotel, Nanpantan, Loughborough.
1913.	LOCKER, THOMAS CECIL ..	{ 12 Salisbury Street, Warrington.
1914.	LOVELL, GEORGE WORTLEY ..	{ Belvedere, Talbot Hill, Bourne- mouth.
1910.	LUCAS, FREDERICK WILLIAM	{ 2 Criffel Avenue, Telford Park, Streatham Hill, S.W.
1913.	{ LUDLOW, WILFRID ARTHUR CHARLES .. .. .	{ 10 Fratton Road, Portsmouth.
1911.	LYTHGOE, JOSEPH SUGDEN ..	{ Waltham House, West Street, Bolton.
1907.	MCCALLUM, PERCY .. .. .	{ Loco. Dept., Midland Rly., Shef- field.
1914.	MCCARTHY, GERALD NEIL ..	{ 19 Bedford Road, East Finchley, N.
1912.	MCGILL, ERNEST WILLIAM ..	{ 56A Queen's Road, Battersea, S.W.
1908.	MACKENZIE, DUNCAN GORDON	{ 17 Rosemont Rd., Acton, W.
1908.	MACLEAN, ALAN DOUGLAS, B.Sc.	{ Lochbuie, Harrogate.
1912.	{ MCQUAIGUE, FREDERICK ER- NEST .. .. .	{ 77 Harrington Road, South Nor- wood, S.E.
1907.	{ MAITLAND, EDWARD BELLASIS WIGHTMAN .. .. .	{ Ormiston, Ashtead, Epsom.
1912.	MAIZE, WILLIAM JAMES .. ..	{ 24 Fox Street, Horwich, Lanes.
1914.	MALLET, CLAUD .. .. .	{ 24 The Broadway, Wimbledon, S.W.
1912.	{ MANGNALL, ARTHUR RIVING- TON .. .. .	{ 18 Shrewsbury Road, Bolton.
1909.	MANN, ERNEST LEONARD ..	{ 8 Mount Pleasant Road, Ealing, W.
1913.	MANNING, GEORGE ALFRED ..	{ 50 Buckingham Road, Brighton.
1912.	{ MARRIOTT, JOHN FRANCIS LAYCOCK .. .. .	{ Hanover House, Queen Victoria Road, Coventry.
1914.	MARSDEN, JAMES .. .. .	{ 74 Mansfield Road, Hampstead, N.W.
1906.	MARSH, CHARLES KENNETH ..	{ The Gables, Melton Mowbray.
1911.	MARSH, ERNEST HURAM ..	{ The Brooklands, Forest Road, Loughborough.
1886.	MATTOS, ALVARO GOMES DE ..	{ 98 Rua da Sanda, Rio de Janeiro, Brazil.



## Date of Election.

1913.	MAUL, GERALD BROUGHTON ..	{ 44 Paulton Square, Chelsea, S.W.
1913.	{ MAUNSELL, ROBERT GEORGE FREDERICK .. .. . }	Amberd, Dean Park, Bournemouth.
1913.	MAYERS, ERIC WILLIAM ..	{ 159 Holden Road, North Finch- ley, N.
1912.	MELLANBY, THOMAS GRAHAM	Hartburn, Stockton-on-Tees.
1912.	MENEZES, JOSEPH ALOYSIUS	16 Depôt Lines, Karachi, India.
1910.	MERCER, IVOR EDWIN .. ..	The Cedars, Kent Road, Gravesend.
1911.	{ MEYJES, ANTHONY CHARLES DORIAN .. .. . }	{ Thornhyrst, The Woodlands, Ger- rard's Cross, Bucks.
1908.	MILLER, LEONARD CHALLINOR	14 Carlton Road, Brockley, S.E.
1914.	MINTY, ALEXANDER .. .. .	Lochnagar, Alexandra Rd., Ipswich.
1914.	MOHANNA, MOHAMED ALI ..	Private Box 21, G.P.O., Rugby.
1911.	{ MOHARRAM, MOHAMMAD ABD EL LATIF, B.Sc. .. .. }	Helouan, Egypt.
1913.	{ MONTAGU, AINSLEY MARSHAL RENDALL .. .. . }	{ o/o Messrs. King, King & Co., Bombay.
1912.	{ MOORE, JOHN LESLIE MAC- KENZIE .. .. . }	The Precincts, Canterbury.
1911.	MORFEY, FREDERICK HENRY ..	12 Cobbold Street, Ipswich.
1906.	MORGAN, FREDERICK JOHN ..	Hulsewood, Dartford.
1912.	MORRIS, JOHN TURNER .. ..	{ Hillcrest, 88 Fitzjohn's Avenue, Hampstead, N.W.
1910.	MORRIS, REGINALD GORDON ..	{ Messrs. Walker Brothers, Colombo, Ceylon.
1914.	MORRIS, SYDNEY JAMES ..	17 Richmond Crescent, Cardiff.
1906.	MOSS, ERNEST WILLIAM ..	{ Chulmleigh, 12 Windermere Ave., Church End, Finchley, N.
1909.	MOTT, REGINALD JOHN .. ..	24 Selborne Road, Ilford.
1910.	MOUNIB, EL SAYED MOHAMMED	{ 21 Bolingbroke Road, West Ken- sington, W.
1913.	MURCIANO, RAFAEL MANUEL	Argensola 22 pral., Madrid, Spain.
1911.	NAYLOR, THOMAS MARTIN ..	73 Castle Street, Haulgh, Bolton.
1911.	NEGREIROS, RAUL .. .. .	{ 3 St. Mark's Crescent, Regent's Park, N.W.
1912.	NEILSON, ARCHIE MCNICOL ..	{ 2 Woodside Place, King Street, Paisley.
1912.	NELL, WALTER ARCHIBALD ..	Raymead, Louth, Lincs.
1912.	NICHOLL, HARRY WYNNE ..	{ Redstone, Shrubbery Road, Streat- ham, S.W.
1913.	NORRIS, JOHN WILSON .. ..	{ 18 Allfarthing Lane, Wandsworth, S.W.
1912.	NORRIS, REGINALD .. .. .	{ 22 Herschel Street, Moston, Man- chester.
1912.	NORRISH, GUY RALPH .. ..	{ Hawley House, Tudor Road, Upper Norwood, S.E.
1907.	NORWOOD, CHARLES ROLAND	{ 23 Heathfield Terrace, Chiswick, W.
1913.	NOBRAT, MOSTAFA RADWAN ..	Encha Street, Cairo, Egypt.
1909.	NOYCE, CHARLES HALSTED ..	{ o/o Messrs. Henry S. King & Co., 9 Pall Mall, S.W.

Date of Election.

1910.	OAKLEY, HARRY WILLIAM ..	15 Highbury Terrace, Highbury, N.
1909.	{ O'BRIEN, GEORGE HOLME, B.Sc. .. .. .	{ Lloyd's Bank Bldgs., Corner of King St. & Cross St., Manchester.
1913.	ODELL, ROY FOSTER .. ..	{ Heatherstone, 147 Denmark Hill, S.E.
1912.	OKEY, WILLIAM EWART .. ..	9 Dene Wood Road, Bournemouth.
1912.	ORMROD, ALFRED SMITHELLS	{ Loco. Dept., Lancs. and Yorks. Rly., Horwich, Lancs.
1883.	OSBORN, WILLIAM FAWCETT..	{ Clyde Steel and Iron Works, Shef- field.
1913.	OSSORIO, JESÚS JOSÉ .. ..	{ 46 General Solano, Manila, Philip- pine Islands.
1912.	PADDOCK, WILLIAM GEORGE	{ Holmwood, 146 Wightman Road, Hornsey, N.
1909.	{ PAFFETT, Eng. Lieut. WILLIAM FREDERICK, R.N. .. ..	{ H.M.S. "Active," c/o Postmaster General, E.C.
1913.	PAGET, FERRAND .. .. .	{ Bombay Burma Trading Corpn., Bangkok, Siam.
1911.	PAIN, JOHN .. .. .	{ Beverley, Lyttelton Road, Edgbas- ton, Birmingham.
1914.	PAINTER, LESLIE EDMUND ..	Cranford, 8 Coombe Road, Croydon.
1911.	PARRACK, LEONARD .. .. .	{ 151 Rosendale Road, Dulwich, S.E.
1913.	PARSONS, BERESFORD FRANK	{ City Gas Works, Nechells, Birming- ham.
1913.	PARSONS, CYRIL GORDON ..	{ Mainhill, Tower Road, Kingswood, Bristol.
1912.	{ PARTINGTON, JAMES SUT- CLIFFE .. .. .	{ Technical Institute, Durban, Natal.
1913.	{ PARTRIDGE, CHARLES FREDER- ICK .. .. .	{ 48 Trinity Street, Old Hill, Staffs.
1911.	PEARCE, GILBERT GORDON ..	{ Y.M.C.A., Pitt St., Sydney, N.S.W.
1908.	PEARSON, VERNON .. .. .	{ 625 Ninth St. South, Lethbridge, Alb., Canada.
1912.	PEPPERCORN, ARTHUR HENRY	{ Loco. Dept., G. N. Rly., New England, Peterborough.
1910.	{ PEREIRA, JOÃO JOSÉ AUTUNES FARINHA .. .. .	{ 62 Wymering Mansions, Wymering Rd., Maida Vale, W.
1909.	PETTIT, HERBERT CHARLES ..	The Cuba Co., Jatibonico, Cuba.
1911.	{ PFLEIDERER, RUDOLF ALBRIGHT .. .. .	{ Shirley, Chislehurst Rd., Orpington, Kent.
1890.	PHILIPSON, JOHN .. .. .	{ 27 Pilgrim St., Newcastle-on-Tyne. [Carriage, Newcastle-on-Tyne. 1641.]
1884.	PHILIPSON, WILLIAM .. ..	{ 27 Pilgrim St., Newcastle-on-Tyne. [Carriage, Newcastle-on-Tyne. 1641.]
1907.	PILE, WALTER DEVEREUX ..	{ Kenilworth House, Willesden Lane, N.W.
1911.	PINNEGAR, WALTER EDWARD	{ Messrs. J. Thompson, 63 Queen Victoria St., E.C.
1912.	PITT, ROBERT BRINDLEY ..	3 Lansdown Grove, Bath.

Date of Election.

1910.	{	POCKELS, WILLIAM HENRI	{	Smithfield and Argentine Meat Co., Zarate, Prov. Buenos Aires, Arg. Rep.
		AUGUST FRANCIS .. .. .		
1912.		POLLARD, HAROLD .. .. .		126 Boothtown Road, Halifax.
1911.		POTTER, JOHN ARCHIE .. .. .		16 Forest Road, Loughborough.
1912.		POWER, WALTER .. .. .		{ Kilkivan, Urmson Road, Liscard, Birkenhead.
1912.		PREEDY, CHARLES HAROLD .. .. .		{ Messrs. Osborne & Chappel, Ipoh, Perak, F.M.S.
1912.		PRENTIS, ERIC FRANCIS .. .. .		{ Damansara Estate, Selangor, F.M.S.
1910.		PRESTON, FRANCIS HEADLEY .. .. .		Avenue House, Kettering.
1914.		PRESTON, PETER LIONEL .. .. .		{ Cliffe Hill Quarry, Markfield, Leicester.
1913.		PROTHERO, EDWIN GEORGE .. .. .		{ c/o S. M. Scott, Oakdene, Kingsley Rd., King's Norton, Birmingham.
1909.		PRYCE, WILFRED HARRY .. .. .		{ 73 Marlborough Mansions, West Hampstead, N.W.
1912.		RABINES, MAXIMINO ALFREDO .. .. .		{ c/o Carlos G. Estenos, Peruvian Consul, Southampton.
1912.		READ, ALFRED HOWARD .. .. .		{ Oak Lea, St. Andrew's Road, Birkenhead.
1908.		REAN, WILLIAM HENRY .. .. .		88 Oxford Gardens, W.
1912.		REEVES, BERNARD JACK .. .. .		{ Ribblesdale, Freta Road, Bexley Heath, Kent.
1913.		REID, FRANCIS HEINE .. .. .		7 Wolsdon Street, Plymouth.
1911.	{	REITH, JOHN CHARLES WALS-	{	Messrs. S. Pearson & Son, Royal
		HAM .. .. .		Albert Dock Extension (S.), E.
1905.		RENDELL, HENRY THOMAS .. .. .		Conegar, Stoke Poges Lane, Slough.
1911.		RENDELL, SAMUEL HUBERT .. .. .		158 Monks Road, Lincoln.
1884.		REYNOLDS, THOMAS BLAIR .. .. .		10 Tor Gardens, Campden Hill, W.
1912.		REYNOLDS, WILLIAM ARTHUR .. .. .		{ Messrs. Babcock & Wilcox, 9 William St., Melbourne, Victoria.
1907.		RICHARDS, CLIFFORD CHARLES .. .. .		{ 17 Elmfield Rd., Davenport, Stockport.
1914.		RIGBY, CHARLES JOHN .. .. .		Chadwell St. Mary, Grays, Essex.
1912.		RILEY, THOMAS SHARP .. .. .		{ Sunnyside, 161 Bradford Road, Huddersfield.
1912.		ROBB, HAROLD BRINDLEY .. .. .		{ 31 Wontner Road, Upper Tooting, S.W.
1911.		ROBERTS, GEORGE, JUN. .. .. .		Bengeo, Hertford.
1912.		ROBERTS, STANLEY HUGH .. .. .		17 Morley Road, Lewisham, S.E.
1912.		ROBERTSON, CYRIL ERNEST .. .. .		{ Messrs. Crompton & Co., Arc Works, Chelmsford.
1914.		ROBERTSON, ROBERT SERGIUS .. .. .		3 Rosehall Terrace, Falkirk.
1911.	{	ROBERTSON, VERNON ALEC	{	Engineering Wks. Dept., S. E. &
		MURRAY .. .. .		C. Ry., 84 Tooley St., S.E.
1912.		ROBINSON, CECIL JOSEPH .. .. .		{ Depto. Via y Obras, F.C.E.R., Parana, Arg. Rep.
1909.		ROBINSON, CYRIL ELLETT .. .. .		{ 293 Willesden Lane, Willesden Green, N.W.
1913.		ROBINSON, ERIC ARTHUR .. .. .		51 Derrington Avenue, Crewe.
1912.		ROBINSON, ISAAC VINCENT .. .. .		{ (Sapper, No. 767), Depôt Coy., R.N.D. Eng. Unit., Walmer, Kent.

## Date of Election.

1912.	ROBINSON, MATTHEW DOLTON	Boothdale, Fairfield, Manchester.
1912.	ROGERS, HORACE EDWIN .. ..	78 Tremadoc Road, Clapham, S.W.
1913.	ROGERS, LESLIE NORRIS .. ..	{ 54 Holyhead Road, Handsworth, Birmingham.
1913.	ROSE, BERNARD ALFRED .. ..	{ 14 Somerset Square, Redcliffe, Bristol.
1909.	ROSE, FREDERICK CHARLES .. ..	{ E. G. Acheson, Ltd., Prince Rock, Plymouth.
1909.	ROSE, NATHANIEL .. .. .	{ Messrs. G. Davenport & Co., 101-3-5 Clerkenwell Rd., E.C.
1910.	ROSS, HAROLD ARTHUR .. ..	{ The Elms, 36 Alleyn Park, Dul- wich, S.E.
1911.	ROSS, PERCY JAMES PAVIOUR	{ Boar Green House, St. Mary's Road, Moston, Newton Heath, Manchester.
1909.	ROYLE, JOHN SANDESON .. ..	{ Stanmore Park, Stanmore, Middle- sex.
1913.	{ RUFFLE, CLIFFORD FREDERICK SCOTT .. .. .	{ c/o B.I. Engineers' Club, P.O. Box 296, Calcutta, India.
1888.	RÜMMELE, ALFREDO .. ..	3 Foro Bonaparte, Milan, Italy.
1912.	RUSCOE, JACK OSMUND .. ..	Edstaston, Lynwood Road, Epsom.
1911.	SAAD-EL-DINE, ALY FOUAD .. ..	Sohag, Irrigation, Egypt.
1914.	SABET, MOHAMMED .. ..	The University, Leeds.
1912.	SAHGAL, SANT RAM .. ..	{ c/o H. D. Sahgal, N.W. Rly., Lud- hiana, India.
1911.	SALMON, MAURICE WILLIAM	{ 15 Ashburnham Road, Greenwich, S.E.
1915.	{ SANDFORD, HORATIO ADLING- TON .. .. .	Briars Court, West Hill, Gravesend.
1913.	SANTOS, ANTONIO VICTOR DOS	Caixa 1014, Rio de Janeiro, Brazil.
1912.	SAUNDERS, THOMAS THORNTON	Glenham, Biscot Road, Luton.
1909.	SAXON, LEONARD .. .. .	{ 930 Ashton Old Rd., Higher Open- shaw, Manchester.
1914.	{ SCHOTT, ANDREA CHRISTOPHER HERMANN WATTS .. ..	{ 1 Parkfield Road, Nab Wood, Shipley, Yorks.
1912.	SCOTCHEL, WILLIAM GOODLIFF	80 Balfour Road, Ilford.
1908.	SCOTT, GEORGE HERBERT .. ..	{ (Flight Sub.-Lieut.), Royal Naval Airship Station, South Farn- borough.
1910.	SCOTT, JOHN BECKETT .. ..	4 Belsize Square, N.W.
1913.	SEED, PERCY WILLIAM .. ..	Oakdene, Addison Road, Preston.
1909.	SELLS, MARTIN PERRONET .. ..	{ Loco. Dept., Lancashire & York- shire Rly., Wakefield.
1912.	{ SENEVIRATNE, GANNAGODA DON IRVIN .. .. .	3 Royal Terrace, Paisley.
1911.	SENEVIRATNE, RICHARD OSCAR	Negombo, Ceylon.
1910.	SHARPLES, WILLIAM ELLISON	Burland Cottage, Shotton, Chester.
1913.	SHAW, FREDERICK WILLIAM	Shrewsbury Villa, Newbold, Rugby.
1914.	SHAW, HERMAN .. .. .	{ 5 Dartmouth Park Road, High- gate, N.W.
1914.	SHEEL, HAROLD .. .. .	{ c/o J. G. Sheel, 41 Carfield Avenue, Meersbrook, Sheffield.
1914.	SHEPHERD, FRANCIS JOHN .. ..	{ c/o Weir, 89 Lockleven St., Langside, Glasgow.

## Date of Election.

1910.	SHEPPY, DOUGLAS .. .. .	The Priory, Tortington, Arundel.
1910.	{SHERRATT, FREDERICK WIL- LIAM .. .. .	{Gramond, Mornington Road, Sale, Manchester.
1908.	{SHIELDS, HERBERT FREDERICK HENRY .. .. .	{22 Nadine St., Charlton, S.E.
1910.	SHIRLEY, HENRY NORMAN ..	{Seeburg, Derbyshire Lane, Stret- ford, Manchester.
1912.	SIDAHMED, MOHARREM SABET	Kafr-el-Cheikh, Egypt.
1911.	SIMPSON, ALFRED HENRY ..	The Cottage, Horsehay, Salop.
1911.	SINGER, CHARLES ARCHIBALD	{c/o Inspection Division, R.E. Stores, Woolwich Dockyard, Woolwich.
1914.	SINGH, PREM .. .. .	The University, Glasgow.
1913.	SKINNER, ALEC JOSEPH ..	{The Ferns, Woolwich Road, Abbey Wood, Kent.
1912.	SKINNER, HAROLD VERNON ..	The Old Bank House, Sleaford.
1913.	SMITH, CLARENCE HERBERT	{2 The Uplands, Calderbank Avenue, Urmston, Manchester.
1908.	SMITH, RANDALL BONNER ..	{c/o Steamers Dept., Sudan Govern- ment, Khartoum North, Egypt.
1912.	SMYTH, SIDNEY .. .. .	22 St. Edmund's Road, Ipswich.
1913.	{SNELGROVE, EDWARD COPE- LAND .. .. .	{Whiteley Wood, Sheffield.
1911.	SPICER, GEORGE REGINALD ..	Machinery Dept., Messrs. Jardine, Matheson & Co., Shanghai, China.
1912.	SPINK, REGINALD JOHN .. ..	{c/o Rowland Brittain, Room 3 Fairfield Bldg., Vancouver, B.C., 26 Highbury Quadrant, N.
1912.	SPLITTER, BERNARD .. .. .	181 High Street, Burton-on-Trent.
1912.	STACK, WILLIAM AUCHINLECK	
1913.	{STACKARD, STEPHEN FRANK CYRIL .. .. .	{36 Duke's Avenue, Muswell Hill, N.
1913.	STANBURY, LEONARD OSCAR..	{Willowhayne, Worcester Park, Surrey.
1913.	STANLEY, CHARLES RUPERT ..	{Bramahpootra Tea Co., Negherit- ing, Upper Assam, India.
1914.	STANLEY, HARRY .. .. .	{2 Powis Gardens, Golder's Green, N.W.
1913.	STAPLETON, ARNOLD BAMFORD	{Eppingdale, 134 Leytonstone Rd., E.
1912.	STAPYLTON-SMITH, JOHN BRYAN	{The Hollies, Albert Crescent, Lin- coln.
1909.	STEED, ERNEST ALBERT .. ..	18 Brackley Road, Chiswick, W.
1914.	STEED, GERALD SAMWAYS ..	{(Lieut. K. (F.) R.E.), Headqrs. Kent (Fortress R.E.), Pier Rd., Gillingham, Kent.
1912.	STEELE, ROBERT McARA ..	{Orbiston House, near Bellshill, Lanarkshire.
1912.	STENT, ARTHUR JOHN .. ..	{Grahame White Aviation Co., Lon- don Aerodrome, Hendon, N.W.
1908.	STEPHENS, CHARLES VIVIAN ..	{Asst.-Eng., P.W.D., Cowtheram, Kistna Eastern, India.
1914.	STEPHENS, HUGH GORDON ..	25 Woodhouse St., Stoke-on-Trent.
1912.	STEWART, JAMES CLEGHORN ..	São Paulo Rly., São Paulo, Brazil.
1912.	STOCKS, JOHN ARTHUR .. ..	{28 Hawthorn Terrace, Calton St., Huddersfield.
1914.	SUMNER, JOHN WILBRAHAM	87 Abbey Rd., Barrow-in-Furness.
1910.	SUTTILL, ALBERT GARBUTT ..	{2813 W. Clementine St., Phil- adelphia, Pa., U.S.
1912.	SWINTON, ERNEST .. .. .	4 Birchfield Rd., Widnes.

## Date of Election.

1911.	TATE, THOMAS .. .. .	16 St. James's Street, Brighton.
1910.	TAYLOR, ARTHUR EDWARD ..	218 Orford Lane, Warrington.
1914.	TEBBUTT, OSWOLD NEVILLE	4 Salisbury Villas, Cambridge.
1914.	TERVET, NICHOLAS CHARLES	68 Windsor Road, Leyton, E.
1911.	{THAKER, SHANKERLAL HARIS- HANKER .. .. .}	Ahmedabadi Pole, Baroda, India.
1911.	THEAKSTON, FRANCIS .. ..	{c/o Messrs. Arthur Koppel, 27 Clements Lane, E.C.
1911.	THOMPSON, HASELDEN .. ..	20 The Parade, Cardiff.
1912.	TINDLE, STUART PIKE .. ..	166 Victoria Road, Swindon.
1913.	TOWNEND, HARRY .. .. .	Northfield, Middleton, Manchester.
1911.	{TOWNEND, ROY DUNCAN MOR- ROW .. .. .}	Sunnyside, Park Street, Camberley.
1912.	TOWNSEND, CHARLES ERIC ..	{Bank House, Queen's Road, Hali- fax.
1914.	TRASK, ERIC DARIEN .. ..	{c/o W. Trask, Gt. Northern Hotel, King's Cross Station, N.
1910.	TREE, BENJAMIN FERGUSSON	{56 Kings Road, St. Leonards-on- Sea, Sussex.
1911.	TRENFIELD, ERNEST JOHN ..	{Orconera Iron Ore Co., Apartado 42, Bilbao, Spain.
1913.	TRIGLE, SIDNEY EDWARD ..	Agbrigg Road, Sandal, Wakefield.
1911.	{TUKER, WILLIAM EDRED SANGER .. .. .}	{Anglo-Chilian Nitrate & Rly. Co., Tocopilla, Chile.
1913.	{TUPPEN, HAROLD RICHARD, B.Sc. .. .. .}	Leiston, Suffolk.
1912.	{UNGER-VETLESEN, FREDRIK WILHELM GEORGE .. ..}	{27 St. Mark's Crescent, Regent's Park, N.W.
1909.	VEAL, JOHN MINSHULL .. ..	{29 Prebend Mansions, High Road, Chiswick, W.
1910.	VICARS, THOMAS, JUN. .. ..	{Messrs. T. & T. Vicars, Earlestown, Lancs.
1912.	VINCE, JACK SERGEANT .. ..	{York House, 87 Highbury New Park, N.
1907.	VINING, ROY VEITCH .. ..	17 Florence Rd., Ealing, W.
1914.	VOKES, CECIL GORDON .. ..	{Birch Lawn, Sholing, Southamp- ton.
1911.	VYALL, LIONEL EGERTON ..	87 Union Avenue, Montreal, Canada.
1910.	WAITHMAN, WYNDHAM .. ..	{MacAlpine Robertson Construction Co., 806 Metropolitan Bldgs., Hastings St., Vancouver, B.C.

Date of Election.

1911.	WALKER, CHARLES HUGH ..	{ Chile Exploration Co., Chuquica-
		mata, Chile. <i>Via Antofagasta.</i>
1910.	{ WALKER, JAMES SCARLETT	47 Cambridge Road, Southport.
	{ ASCROFT .. .. . }	
1912.	WALKER, NORMAN HAY ..	{ Carmel Cottage, Hill Top, Hednes-
		ford, Stafford.
1913.	WALLIS, WILLIAM JACKSON ..	{ Messrs. Williamson, Balfour & Co.,
		Santiago, Chile.
1910.	WALTERS, ERNEST ALBERT ..	{ 34 Sundorne Rd., Charlton, S.O.,
		Kent.
1911.	WALTON, SYDNEY .. .. .	{ 46 Stratford Street, Dewsbury
		Road, Leeds.
1909.	WARBURG, FREDERICK NORMAN	{ 4 Smyrna Mansions, West Hamp-
		stead, N.W.
1911.	WARD, CYRIL .. .. .	{ Wintergartenstrasse 6 <sup>III</sup> , Leipzig,
		Germany.
1912.	WARDLE, GEORGE EYRE ..	11 Bold Square, Chester.
1908.	WARING, HORACE .. .. .	{ Messrs. A. Lee & Sons, Crown
		Steel Works, Sheffield.
1914.	WATSON, ARTHUR JOHN ..	48 St. Michael's Road, Aldershot.
1910.	WATSON, JOHN MADDOCKS ..	{ 629 Liverpool Road, Patricroft,
		Manchester.
1909.	WEIR, DOUGLAS CHURCHILL ..	{ 1 Wellesley House, Cooperage,
		Bombay, India.
1912.	WELLS, GEORGE MAURICE ..	{ Undercliff, St. Giles Hill, Win-
		chester.
1888.	WHICHELLO, RICHARD .. ..	{ Messrs. Victor Uslaender & Co., 33
		Rua do General Camari, Caixa
		542, Rio de Janeiro, Brazil.
1912.	WHIPP, FREDERICK GEORGE ..	8 Campsbourne, Hornsey, N.
1913.	{ WHITAKER, GEORGE BACK-	Oakfield Villas, 3 Cardigan Rd.,
	{ HOUSE .. .. . }	Headingley, Leeds.
1912.	WHITAKER, JOHN .. .. .	33 Ormerod Rd., Burnley.
1912.	WHITAKER, LIONEL BERTIE ..	{ Messrs. Birkmyre Bros., Hastings
		Mill, Serampore, Calcutta.
1910.	WHITE, PERCIVAL JAMES ..	{ 1127 South Avenue, Wilkinsburg,
		Pittsburgh, Pa., U.S.
1912.	WHITEHEAD, REGINALD ..	Rosslyn, New Rd., Chatham.
1910.	WHITEHOUSE, EDGAR .. ..	{ 22 Wyndham Road, Edgbaston,
		Birmingham.
1912.	WHYTE, KENNETH McINTOSH	{ 49 Aytoun Road, Pollokshields,
		Glasgow.
1913.	WILDY, ERIC LAWRENCE ..	{ Palace Chbrs., 9 Bridge St., West-
		minster, S.W.
1913.	WILKINS, FRANK TREVOR ..	{ 102 Hartington Street, Barrow-in-
		Furness.
1911.	{ WILLCOX, CHRISTOPHER WAT-	Messrs. B. B. & C. W. Willcox,
	{ SON .. .. . }	Warwick Chbrs., Corporation St.,
		Birmingham.
1911.	WILLIAMS, JOHN NORMAN ..	120 Cannon Street, E.C.
1914.	WILLIS, ROBERT WILLIAM ..	6 Greenbank Road, Birkenhead.
1912.	WILSON, ARCHIBALD HOPE ..	{ c/o Wm. Campbell Wilson, Ellerby,
		Thetford.
1912.	WILSON, JOHN .. .. .	Mansfield House, Canning Town, E.
		Bank Chambers, Laygate Circus,
1911.	WILSON, ROBERT, JUN. ..	South Shields.
1911.	WISE, IVOR CHARLES .. ..	107 Stanford Avenue, Brighton.
1913.	WITTEN, THOMAS ADAMS ..	{ c/o Mrs. Adams, Booroomooka, 17
		Cairo St., North Sydney, N.S.W.

## Date of Election.

1910.	WOLSEY, GEORGE .. .. .	{ Shepperton House, 68 Lee Rd., Blackheath, S.E.
1912.	WOMERSLEY, WILLIAM DOBSON	{ 2 Cresswell Terrace, White Horse Hill, Lightcliffe, Halifax.
1910.	WOOD, FRANCIS JOHN .. .. .	{ Elmsdale, 49 Harrowby Road, Grantham.
1913.	WOOD, ROBERT TURNBULL ..	{ 10 St. Catherine's Place, Edinburgh.
1912.	WOODCOCK, FRANCIS STANLEY	{ Low Moor Iron Works, Bradford.
1913.	WOODWARD, GEORGE DERRICK	{ Belper Road, Derby.
1912.	WOODWARD, RALPH .. .. .	{ Newlyn, 25 Nithsdale Road, Weston-super-Mare.
1910.	WOOLLEN, HARRY .. .. .	{ Messrs. H. W. Ward & Co., Dale Rd., Bournbrook, Birmingham.
1911.	WRIGHT, ARTHUR JOHN .. .	{ Mount Vernon Lodge, Waverley St., Nottingham.
1914.	YORK, JOHN DUNCOMB .. ..	{ 18 Regent Square, Doncaster.
1913.	YOUNG, CHARLES ALBERT ..	{ Ravensworth, Southend Avenue, Darlington.
1911.	YOUNG, SYDNEY JOHN .. ..	{ 16 Smith Street, Warwick.
1911.	YOUNG, THOMAS KENNETH ..	{ Wood View, Furze Lane, Purley, Surrey.
1912.	ZOLMER, WILLIAM VICTOR ..	{ Ormesby, 6 Colson Road, East Croydon.



# TOPOGRAPHICAL LIST OF MEMBERS.

## BRITISH ISLES.

### ENGLAND.

<b>Abbey Wood—</b>		<b>Banbury—</b>		<b>Bath—</b>	
Fletcher, A. S. B.	A.M.	Bagg, H. A.	A.M.	Bullock, R. C.	A.M.
Forward, P. G.	G.	Cunningham, H.	M.	Day, A. G.	A.M.
Shoosmith, H.	M.	Nasbey, G. W.	M.	Franklin, E. S.	M.
Skinner, A. J.	G.	Samuelson, E.	M.	Gregson, B. P.	A.M.
<b>Accrington—</b>		<b>Barking—</b>		Hamblin, H. J.	A.M.
Ware, E. S.	A.M.	Donaldson, A. W.	A.M.	Horner, J. G.	A.M.
<b>Acklington—</b>		Jeffreys, H. W. J.	A.M.	Hunton, W.	A.M.
Rolf, G.	A.M.	<b>Barnet—</b>		Kennedy, A. V.	A.M.
<b>Addlestone—</b>		Bancroft, F. J.	M.	Pitt, R. B.	G.
Lidbetter, C. F.	A.M.	Coyle, J. W.	A.M.	Pitt, W.	M.
<b>Aldershot—</b>		Hansford, J. B.	A.M.	Sainsbury, H. C. B.	M.
Donohue, Major W. E.	M.	Shann, W. R.	A.M.	<b>Batley—</b>	
Watson, A. J.	G.	Smyth, J. M.	A.M.	Jones, S. D.	A.M.
<b>Alfreton—</b>		<b>Barnsley—</b>		<b>Battle—</b>	
Ashmore, J. A.	G.	Allport, H. A.	M.	Ticehurst, J. W.	A.M.
Bingham, J. H.	G.	Holland, L. C.	A.M.	<b>Beccles—</b>	
<b>Andover—</b>		Woods, H. F. G.	A.M.	Robinson, A. S. F.	M.
Blane, W.	M.	<b>Barnstaple—</b>		<b>Bedford—</b>	
Moore, J.	M.	Colbourne, T. S.	A.M.	Allen, H. G.	M.
Stringer, P.	A.M.	Lefroy, C. E.	A.M.	Allen, R. W.	M.
<b>Arundel—</b>		<b>Barrow-in-Furness—</b>		Allen, W. H.	M.
Sheppy, D.	G.	Banister, G. H.	M.	Bocquet, H. C.	M.
<b>Ascot—</b>		Caswell, C. H.	G.	Carmichael, A.	M.
Jordan, H. M.	G.	Huntley, H. F.	G.	Fiegehen, E. G.	A.M.
Westmacott, P. G. B.	M.	McKechnie, J.	M.	Horn, B.	A.M.
Worsdell, W.	M.	Newlands, A. H.	A.M.	Howard, E. J.	G.
<b>Ashford, Kent—</b>		Oughterson, G. H.	A.M.	Howard, G.	G.
Boulton, H. A.	A.M.	Parker, R.	A.M.	Howard, J. H.	M.
Masterton, J. F.	M.	Pettigrew, W. F.	M.	Langley, G.	A.M.
Mauhsell, R. E. L.	M.	Sharples, E.	M.	Peam, F.	A.M.
Stirling, J.	M.	Smith, Eng. Comm.	M.	Rayner, H.	A.M.
<b>Ashton-under-Lyne—</b>		W. A. P.	M.	Robertson, W. H. A.	A.M.
Bickerton, H. N.	M.	Stephens, R. R.	A.M.	Smith, S. C.	A.M.
Cartwright, W.	M.	Stevenson, E. J.	A.M.	Trunchion, W. T. F.	M.
Cartwright, W., Jun.	A.M.	Sumner, J. W.	G.	Wyatt, A. J. H.	A.M.
Mohn, T.	A.M.	Thackeray, T.	M.	<b>Belvedere—</b>	
Prescott, K. S.	A.M.	Vial, H. F.	A.M.	Walker, P.	M.
<b>Aylesbury—</b>		Wilkins, F. T.	G.	<b>Bembridge—</b>	
Peirce, A.	A.M.	<b>Basingstoke—</b>		Everitt, N. H.	M.
<b>Baslow—</b>		Barford, V. G.	A.M.	Mackenzie, K. R.	A.
Ferranti, S. Z. de	M.	Illingworth, H. S.	G.	<b>Berkhamsted—</b>	
		<b>Bethworth, Surrey—</b>		Stevenson, H.	M.
		Kempe, H. R.	M.	Wilson, N.	M.

<b>Beverley—</b>		<b>Birmingham (cont.)—</b>		<b>Birmingham (cont.)—</b>	
Oldfield, F. W.	M.	Carr, J. J. W.	A.M.	Mills, W.	M.
<b>Bexhill-on-Sea—</b>		Causar, W. G.	M.	Mitton, E. M.	M.
Adams, S. R.	M.	Challen, S. W.	M.	Mitton, T. E.	A.M.
King, C. P.	M.	Challen, W. B.	M.	Moore, W. G.	M.
<b>Bexley—</b>		Chance, C. F.	A.M.	Morcom, E. L.	A.M.
Molesworth, Sir G. L.	M.	Chatwin, J.	M.	Morcom, R. K.	M.
Noakes, T. E.	M.	Clark, W. F.	M.	Mountfort, L. F.	A.M.
Reeves, B. J.	G.	Collyer, P. N.	A.M.	Muntz, Sir G. A.	M.
Stokes, H. P.	A.M.	Cook, J.	G.	Nasmith, J.	M.
<b>Biggleswade—</b>		Cooper, J. E.	M.	Naylor, J. W.	A.M.
Carne, H.	A.M.	Cooper, S.	M.	Nettlefold, G.	A.M.
<b>Billerica—</b>		Crossley, J.	A.M.	Nicholson, A.	A.M.
Watkinson, F. G.	M.	Crowthier, L. J.	A.M.	Norton, A.	A.M.
<b>Billinghurst—</b>		Cuthbert, H. P.	A.M.	Owen, L. E.	A.M.
Dawe, P. H.	A.M.	Dale, R. D.	A.M.	Owen, T.	M.
<b>Billston—</b>		Deakin, B. W.	M.	Pain, A. C.	M.
Moody, G. H.	A.M.	Deakin, W.	M.	Pain, J.	G.
<b>Bingley—</b>		Deering, P. S.	A.M.	Pardoe, H.	M.
Foulds, J. R.	A.M.	Dickinson, A.	M.	Parker, W. R.	A.M.
<b>Birkenhead—</b>		Dickinson, R. H.	M.	Parrott, T. H.	M.
Barker, E. G.	M.	Docker, F. D.	M.	Parsonage, W. R.	A.M.
Brown, R. H.	A.M.	Dougill, A. W.	A.M.	Parsons, B. F.	G.
Carter, G. J.	M.	Douglass, A. E.	A.M.	Pedley, H. I.	M.
Chadwick, R.	A.M.	Drewitt, W. H.	A.M.	Phelps, G. I. de B.	A.M.
Christian, E. A.	A.M.	Dugard, W. H.	M.	Piercy, G. F.	M.
Clayton, M. G.	A.M.	Edwards, A. E. A.	M.	Pinfield, W. V.	A.M.
Corfe, A. W.	G.	Ellis, H. D.	G.	Pitt, J. D.	A.M.
Criggal, J. E.	A.M.	Ellis, R. B. A.	A.M.	Plant, G.	A.
Deakin, G. W.	A.M.	Engholm, A. G.	A.M.	Porter, R. C.	A.M.
Henriques, P. Q.	A.M.	English, J.	G.	Prior, J. D.	A.
Logie, D. G.	A.M.	Garratt, H. H.	M.	Prothero, E. G.	G.
Mansfield, A.	M.	Gibbins, R. C.	M.	Pullin, J. A.	A.M.
Mansfield, E. A.	M.	Giles, C. E.	A.M.	Reeve, E.	A.M.
Mansfield, F.	A.M.	Grant, J.	A.M.	Remington, A. A.	M.
McFarlane, L. G.	M.	Grew, F. H.	A.M.	Reynolds, A. M.	A.M.
Needham, C. A.	A.M.	Guest, G. N.	A.M.	Richey, W. F. A.	A.M.
Power, W.	G.	Hadley, W.	M.	Robson, W. H.	M.
Proudman, S. S. T.	A.M.	Haffenden, A. G.	A.M.	Rogers, L. N.	G.
Read, A. H.	G.	Hailey, F. P.	A.M.	Ronald, H.	M.
Shaw, J.	M.	Hall, J. W.	M.	Rosher, N. B.	M.
Shawfield, C. E. C.	M.	Hall, T. B.	M.	Rowland, J. D.	A.M.
Smith, J. R.	M.	Heaton, C.	M.	Seoffham, F. B.	A.M.
Stringer, H. A.	A.M.	Heaton, W. H.	M.	Sell, R.	A.M.
Thomas, A. D.	A.M.	Hilton, N. L.	A.M.	Simpson, F. D.	A.M.
Walker, J.	M.	Hopkins, C. Y.	M.	Smith, A. J.	A.M.
Willis, R. W.	G.	Hudson, E. V.	A.M.	Smith, J.	M.
Winder, O.	M.	Humphreys, H. H.	A.M.	Smith, L. V.	A.M.
<b>Birmingham—</b>		Inniss, J. J.	M.	Somers, F.	M.
Allcut, E. A.	A.M.	James-Carrington, H.	M.	Spencer, H. B.	M.
Anderson, E. W.	M.	Jefferiss, H. E.	A.M.	Steven, J. D.	M.
Astbury, A. J.	M.	Jefferiss, T.	M.	Stewart, C. J.	A.M.
Astbury, H.	A.M.	Jeyes, C. F.	A.M.	Stubbs, A.	A.M.
Aston, J. W.	M.	Johnson, A.	A.M.	Suffield, F. W.	A.M.
Ayres, G. H.	G.	Johnson, P. S.	A.M.	Summerfield, R. D.	A.M.
Bamford, J. T.	G.	Jolly, C. E.	M.	Tangye, G.	M.
Barker, T. B.	M.	Jones, E.	M.	Tangye, Sir H. L.	M.
Barker, T. P.	M.	Jones, L. A.	A.M.	Tangye, J. H.	M.
Barrow, L.	M.	Jude, A. A.	M.	Taylor, D. F.	A.M.
Barty, A. D.	M.	Keay, J.	M.	Taylor, J. S.	M.
Bellingham, B.	A.M.	Keen, A.	M.	Temple, S. H.	A.M.
Belliss, J.	M.	Keen, F. W.	M.	Thornbery, W. H.	A.M.
Bence, E. H.	A.M.	Kendall, A. H.	A.M.	Thorneloe, A. J.	M.
Bill, C. E. S.	A.M.	Kenrick, A. Jun.	A.M.	Titley, A.	M.
Bissell, E. E.	M.	Ketley, C. B.	A.M.	Trafford, A.	M.
Broscumb, F. J.	A.M.	Kitchin, W. A.	A.M.	Trafford, J. P.	A.M.
Brown, C.	A.M.	Lane, N. A.	A.M.	Turner, A.	M.
Brown, E. G.	M.	Lawton, F. W.	G.	Turner, E. W.	A.M.
Burgess, G. H.	M.	Lea, F. M.	M.	Turner, H. L.	A.M.
Burstable, Prof. F. W.	M.	Mackintosh, D. G.	A.M.	Urwick, A. J.	M.
Carpenter, H.	A.M.	Madeley, C.	A.M.	Vickers, E. J.	A.M.
		Mapplebeck, E.	M.	Wade, F. R.	A.M.
		Marks, E. C. R.	M.	Walker, T. F.	M.
		Meaden, A. E.	A.M.	Walker, Z. Jun.	M.
				Warden, W. E.	M.

**Birmingham (cont.)—**

Warner, F. G. A.M.  
 Wearing, J. E. M.  
 Whitehouse, E. G.  
 Willcox, C. W. G.  
 Willis, J. H. A.M.  
 Wilson, N. C. A.M.  
 Wirrick, J. P. A.M.  
 Wiseman, A. M.  
 Woollen, H. G.  
 Worsley, J. R. A.M.  
 Worsley, P. J., Jun. M.  
 Wright, W. M.  
 Yates, H. J. M.

**Blackburn—**

Airey, W. W. A.M.  
 Coddington, Sir W. M.  
 Park, G. M. M.  
 Riley, F. A.M.  
 Seymour, H. W. A.M.  
 Stones, W. G. A.M.  
 Thom, F. A.M.

**Blackpool—**

Bright, J. H. A.  
 Challoner, F. B. A.M.  
 Furness, C. M.  
 Mannock, J. J. A.M.  
 Whitaker, P. H. A.M.

**Bletchley—**

Ruscoe, A. O. A.M.

**Blyth—**

Baldwin, C. E. A.M.

**Bognor—**

Briggs, R. A. A.M.

**Bolton—**

Bentley, H. M.  
 Berry, F. A.M.  
 Bromiley, W. J. M.  
 Bruckshaw, H. S. A.M.  
 Bull, R. F. A.M.  
 Cary, A. A. A.M.  
 Clarke, H. A.M.  
 Cottrill, J. O. M.  
 Cowley, H. W. A.M.  
 Cryer, J. W. M.  
 Dobson, B. P. A.M.  
 Gass, W. G. M.  
 Higginbotham, W. M.  
 Hill, H. A.M.  
 Hudson, J. G. M.  
 Jones, C. F. M.  
 Lapworth, F. J. G.  
 Lythgoe, J. S. G.  
 Mangnall, A. R. G.  
 Mulligan, M. A.M.  
 Musgrave, F. E. M.  
 Naylor, T. M. G.  
 Richardson, H. A. M.  
 Rothwell-Jackson, H. L. M.  
 Ryder, G. A. M.  
 Taylor, F. A.M.  
 Wood, H. M.  
 Wood, W. J. H. A.M.

**Boston—**

Clarke, G. E. M.  
 Lovell, S. G. A.M.

**Bournemouth—**

Brinton, L. K. G.  
 Bulfin, I. M.  
 Cook, J. J. M.  
 Craven, J. A. M.  
 Crohn, F. W. M.  
 Groundwater, S. A.M.  
 Harris, W. W. M.  
 Instone, T. M.  
 Lovell, G. W. G.  
 Maunsell, R. G. F. G.  
 Okey, W. E. G.  
 Paterson, S. M.  
 Price-Williams, R. M.

**Bourton—**

Rankin, E. A. A.M.

**Bradford—**

Abraham, F. H. G.  
 Adams, J. W. A.M.  
 Bean, W. H. A.M.  
 Brown, A. M. M.  
 Charnock, Prof. G. F. M.  
 Croft, F. A.M.  
 Croft, F. L. M.  
 Dean, J. M.  
 Dewes, J. W. A.M.  
 Foster, E. H. A.M.  
 Foster, H. A. M.  
 Hartley, J. H. A.M.  
 Hewitt, A. E. A.M.  
 Homersham, T. H. C. M.  
 Kirby, J. P. A.M.  
 Lindsay, H. A.M.  
 Metcalf, A. T. M.  
 Morley, H. W. M.  
 Nunn, H. V. A.M.  
 Nutter, H. N. A.M.  
 Rycroft, J. E. A.M.  
 Scott, W. A.M.  
 Slater, J. G. M.  
 Sutcliffe, W. M.  
 Whitaker, A. A.M.  
 Whittaker, F. W. M.  
 Wigglesworth, F. A.M.  
 Woodcock, F. S. G.

**Braintree—**

Greenwood, J. D. G.

**Brentwood—**

Child, H. S. M.  
 Tasker, E. E. M.

**Bridgend—**

Goddard, W. C. A.M.

**Bridgwater—**

Wills, F. M.

**Bridport—**

Walker, T. A. A.M.

**Brighouse—**

Bond, F. W. G.  
 Woodhouse, R. M.

**Brighton—**

Billinton, L. B. M.  
 Broughton, H. H. A.M.  
 Curry, M. H. A.M.  
 Field, B. K. M.  
 Haile, F. G.  
 Hamilton, F. B. A.M.  
 Hill, R. A. M.

**Brighton (cont.)—**

Joanson, J. M.  
 Lambourne, A. A.M.  
 Manning, G. A. G.  
 Marsh, D. E. M.  
 Tate, T. G.  
 Wise, I. C. G.  
 Wyles, D. D. M.

**Bristol—**

Adlam, E. G. M.  
 Anderson, J. T. A.M.  
 Baber, S. E. A.M.  
 Barker, L. C. M.  
 Blyth, H. A.M.  
 Brander, J. G.  
 Brecknell, H. M.  
 Butler, G. H. A.M.  
 Coates, A. F. A.M.  
 Cooksley, A. A.M.  
 Ellery, H. G. M.  
 Evans, M. T. M.  
 Farquhar, E. E. J. A.M.  
 Ferrier, Prof. R. M. M.  
 Gordon, V. A.M.  
 Goulstone, E. E. A.M.  
 Grandage, N. A. A.M.  
 Gullen, W. B. A.M.  
 Hamblin, W. G. A.M.  
 Hosegood, T. P. A.M.  
 Humpage, T. M.  
 Kempe, I. T. G.  
 Kewley, F. E. A.M.  
 Livermore, A. E. A.M.  
 Macdonald, J. T. S. M.  
 Mogg, H. H. A.M.  
 Munro, Prof. J. M.  
 Olver, W. H. A.M.  
 Parkinson, H. C. M.  
 Parsons, C. G. G.  
 Peckett, T. M.  
 Peet, W. G. M.  
 Phillips, W. M.  
 Plaister, W. E. A.M.  
 Pooley, H. M.  
 Powell, H. A.M.  
 Rioch, R. J. A.M.  
 Robarts, G. F. W. A.M.  
 Rose, B. A. G.  
 Rossiter, T. H. A.M.  
 Sargent, T. A.M.  
 Somerville, L. A.M.  
 Soyres, B. de A.M.  
 Stagg, W. M.  
 Strong, A. G. A.M.  
 Thompson, J. R. M.  
 Watson, F. R. B. A.M.  
 Westley, C. B. M.  
 Young, W. F. A.M.

**Broadstairs—**

Bousfield, A. J. A.M.  
 Higginson, F. A.M.

**Bromley, Kent—**

Anthony, R. E. A.M.  
 Berner, C. A. O. A.M.  
 Catmur, T. S. A.M.  
 Clay, C. B. M.  
 Clemence, W. M.  
 Day-Lewis, G. H. G.  
 Payne, F. G. A.M.  
 Wallis, T. S. A.M.

**Broxbourne—**

Tyler, O. W. A.M.

<b>Budleigh Salterton—</b> Butters, H. M.	<b>Carnforth—</b> Worsdell, T. W. M.	<b>Christchurch—</b> Saye, K. N. A.M.
<b>Burgess Hill—</b> Isted, W. D. G.	<b>Charlton—</b> Golder, J. A.M. Shields, H. F. H. G. Walters, E. A. G.	<b>Chudleigh—</b> Andrews-Vickery, H. A.M.
<b>Burnham, Somerset—</b> Archbutt, R. C. G.	<b>Chatham—</b> Cornish, Eng. Capt. E. M. Golding, H. A. A.M. Lewis-Dale, H. A. A.M. Whitehead, R. G. Willsteed, C. W. A.M.	<b>Cirencester—</b> Tyrrell, J. M.
<b>Burnley—</b> Starkie, J. E. A.M. Taylor, W. T. A.M. Whitaker, J. G.	<b>Chatteris—</b> Esson, J. M.	<b>Clacton-on-Sea—</b> Everitt, H. W. A.M. Francis, A. S. A.M.
<b>Burslem—</b> Jones, E. M.	<b>Chatteris—</b> Esson, J. M.	<b>Cleckheaton—</b> Cliffe, W. A.M.
<b>Burton-on-Trent—</b> Baguley, E. E. M. Black, G. J. F. M. Daniel, E. F. M. Phillips, W. H. A.M. Smith, J. M. Stack, W. A. G. Stockton, E. G. A.M. Thornley, G. M.	<b>Cheshire—</b> Allingham, H. W. M. Backhouse, W. S. A. A.M.	<b>Clevedon—</b> Pye, J. H. A.M.
<b>Bury, Lancs.—</b> Hall, O. S. M. Peregrine, W. H. A.M. Riley, F. A.M.	<b>Chelmsford—</b> Britten, T. M. Clarkson, T. M. Dewhurst, J. A.M. Robertson, C. E. G.	<b>Clitheroe—</b> Johnson, J. W. M. Wingate, A. W. M.
<b>Bury St. Edmund's—</b> Bacon, E. L. A.M. Day, S. E. A.M. Jenkins, W. L. A.M.	<b>Cheltenham—</b> Ormerod, R. O. M. Phillott, G. H. A.M. Player, J. M. Whitby, A. G. M.	<b>Cobham—</b> Robinson, F. A. M.
<b>Buxton—</b> Howarth, J. A.M.	<b>Chesham—</b> Thornton, F. W. M.	<b>Colchester—</b> Atkins, H. F. M. Barnes, C. M. Dawson, G. P. M. Howard, J. B. A.M. Ivey, S. F. G. Paxman, J. N. M. Sanders, P. A. A.M. Short, W. L. E. M. Wright, J. W. E. G. A.M.
<b>Camberley—</b> Townend, R. D. M. G.	<b>Chester—</b> Britton, S. E. M. Ellington, N. B. A.M. Hobbs, C. J. M. Roberts, P. R. A.M. Sharples, W. E. G. Smith, I. H. A.M. Wardle, G. E. G.	<b>Congleton—</b> Goodfellow, G. B. M.
<b>Camborne—</b> Cock, B. A.M. Daniel, J. A.M. Gill, R. D. A.M. Nettle, H. A.M. Rowe, J. A.M.	<b>Chesterfield—</b> Benson, W. H. M. Clark, G. M. Clements, F. M. Dick, F. M. G. Fowler, R. A.M. Hopkinson, A. A.M. Lancaster, J. S. G. Linnell, A. E. M. Markham, C. P. M. Pilkington, H. M. Rushworth, D. A.M. Smales, T. M. Wilson, P. H. A.M.	<b>Consett—</b> Scott, J. M.
<b>Cambridge—</b> Bansall, J. W. G. Budenberg, C. F., Jun. G. Darwin, H. M. Hopkinson, Prof. B. M. Lack, C. T. A.M. Moores, R. G. A.M. Parry, H. M. A.M. Pierce, R. C. M. Smith, C. A.M. Stockley, C. R. A.M. Tebbutt, O. N. G.	<b>Chester-le-Street—</b> Wood, Sir L. M.	<b>Cosham—</b> Ashworth, J. D. M.
<b>Cannock—</b> Chandler, N. M. Jarman, E. A. M.	<b>Chingford—</b> Dark, D. E. A.M. Haler, P. J. A.M. Webb, H. A. A.M.	<b>Couldson—</b> Wilms, L. H. M.
<b>Canterbury—</b> Druitt, C. L. G. Mann, Eng. Lt. W. S. A.M. Moore, J. L. M. G.	<b>Chippenham—</b> Adams, A. E. A.M.	<b>Coventry—</b> Bennett, A. E. M. Bird, W. H. M. Bramley, T. B. M. Budge, J. A.M. Bullock, W. E. M. Clark, H. O. A.M. Clayton, J. M. Craig, A. M. Dawson, T. A.M. Gibbs, G. H. A.M. Harmer, O. M. Herbert, A. M. Hildreth, W. A. M. Holroyd, V. A. A.M. Jones, G. B. G. Lea, R. H. M. Lee, H. P. A.M. Marriott, J. F. L. G. Martin, P. M. Meek, J. M. Milburn, J. M. Napier, J. S. M. Pugh, C. V. M. Pugh, J. V. M. Searle, F. M. Vernon, P. V. M. Whitehead, T. R. M. Williamson, A. A.M.
<b>Carlisle—</b> Dove, J. C. M. Hutchinson, E. G. A.M. Pearson, J. B. A.M. Pratchitt, J. M. Pratchitt, W. M. A.M. Purse, F. W. M.	<b>Chipping Norton—</b> Crowther, R. H. J. A.M.	
	<b>Chorley—</b> Barton, A. A.M. Jolly, J. B. A.M.	
	<b>Chorley Wood—</b> Sharpe, G. A.M.	

<b>Cowes—</b>		<b>Dartmouth—</b>		<b>Dorchester—</b>	
Call, D. F.	A.M.	Sautter, J. J.	M.	De Mattos, J. H.	M.
Carnt, E. C.	M.			Stewart, C. E.	A.M.
Forster, A.	M.	<b>Darwen—</b>		<b>Dorking—</b>	
Hill, S. B.	G.	MacIvor, A.	M.	Scott, F. W.	A.M.
Wright, H. T.	A.M.			Wood, W. P.	A.M.
<b>Cradley Heath—</b>		<b>Derby—</b>		<b>Douglas—</b>	
Cowdell, H. C.	M.	Abraham, F. W.	G.	Blaker, W. H.	A.M.
		Acfeld, W. C.	M.	Whyte, A. L.	A.M.
<b>Crayford—</b>		Aiton, J. A.	M.		
Bettany, J. F.	M.	Atherton, W. H.	M.	<b>Dover—</b>	
Heath, G. A.	A.M.	Bain, D.	M.	Downs, C. S.	M.
Heath, G. W.	M.	Bell, F.	A.M.	Humby, R.	G.
		Bell, J. F.	M.	Penn, W.	M.
<b>Crewe—</b>		Cantrill, W. L.	M.	Schofield, H.	A.M.
Cooke, C. J. B.	M.	Caton, W. E.	A.M.	Thomas, L. W.	M.
Eaton-Shore, G.	M.	Conradi, C. G.	A.M.		
Ivatt, H. G.	A.M.	Domleo, R. F.	G.	<b>Dudley—</b>	
Jones, E. P.	G.	Fowler, H.	M.	Chambers, E. J.	M.
Latham, P. B.	G.	Geach, L. C.	A.M.	Fletcher, J. E.	M.
Robinson, E. A.	G.	Goodchild, W. C.	M.	Green, H.	M.
Swainson, L. W.	M.	Guest, C. H.	M.	Price, J. T.	A.M.
		Haslam, Sir A. S.	M.	Wright, H.	A.M.
<b>Croydon—</b>		Haslam, W. G.	M.		
Bacon, J.	A.M.	Hill, J.	M.	<b>Dukinfield—</b>	
Bromwich, B. A.	G.	James, T.	M.	Oldham, F.	M.
Burr, J. W.	A.M.	Paget, C. W.	M.	Oldham, T.	M.
Cabena, R. H.	A.M.	Peet, J.	M.		
Cramb, A. C.	M.	Reid, R. W.	A.M.	<b>Eastbourne—</b>	
Eustace, F. A.	G.	Royce, F. H.	M.	Gilbert, D.	G.
Gould, H. T.	A.M.	Rudder, F. P.	M.	Henderson, C. G.	G.
Hoare, A. R.	A.M.	Saxelby, F. A.	A.M.	Park, C. A.	M.
Hodson, F. H.	A.M.	Smith, W. J.	A.M.	Rodda, J. T.	A.M.
Hounsfield, L. H.	M.	Surtees, H. W.	M.	Sands, H.	M.
Housman, R. F. A.	A.M.	Watkins, W. G.	A.M.		
Junner, G. M.	G.	Watson, J. B.	M.	<b>East Grinstead—</b>	
London, A. G.	A.M.	Whitehead, R. D.	A.M.	Dadswell, J.	A.M.
Morgan, W. H.	A.M.	Woodward, G. D.	G.	Stirling, R.	M.
Painter, L. E.	G.	Woolliscroft, G. W.	M.		
Trentham, W. H.	M.	Worthington, W. B.	M.	<b>Eastleigh—</b>	
Ward, J.	M.			Hunter, J. A.	M.
Weightman, W. J.	M.	<b>Dereham—</b>		Lampport, E. J.	G.
Zolmer, W. V.	G.	Jewson, H.	A.M.	Urie, R. W.	M.
				<b>East Liss—</b>	
<b>Dagenham—</b>		<b>Devizes—</b>		Woodhouse, Capt. E.	A.M.
Ingle, H. E.	A.M.	Connell, W. P.	A.M.		
Williams, A. E.	M.	<b>Devonport—</b>		<b>Eccles—</b>	
Woodhouse, N.	A.M.	Dodridge, F.	A.M.	Bennis, A. W.	M.
				Broughton, F.	A.M.
<b>Dalton-in-Furness—</b>		<b>Devoran—</b>		<b>Edgware—</b>	
Douglas, A. W.	A.M.	Visick, C.	A.M.	Havilland, G. de	A.M.
				Pettit, W. R.	M.
<b>Darlington—</b>		<b>Dewsbury—</b>		<b>Elland—</b>	
Carrick, J. E. C.	A.M.	Atkinson, R. C.	A.M.	Broadhead, J. W.	M.
Coates, A.	M.	Rogers, G. K.	M.	Glover, W. A.	A.M.
Handy, C. E.	A.M.	Sowden, G. H.	A.M.	Lumb, L.	A.M.
Hill, S. F.	A.M.			<b>Ely—</b>	
Leggat, J.	A.M.	<b>Donecaster—</b>		Crocker, E. G.	M.
Macleod-Carey, A. W. J.	A.M.	Bazin, J. R.	A.M.		
		Bulleid, O. V. P.	A.M.	<b>Enfield—</b>	
Powell, W. H. H.	M.	Carr, R. S.	G.	Carnegie, F.	M.
Raven, V. L.	M.	Crowden, J. C. T.	G.	Forsyth, W. J.	G.
Stamer, A. C.	M.	Davison, W.	G.	Hunt, H. F.	G.
Warren, J. G. H.	M.	Engert, F. P.	A.M.	Stockton, C.	M.
Young, C. A.	G.	Farr, L.	G.	Thom, J.	A.M.
		Gresley, H. N.	M.	Tresham, L. D.	A.M.
<b>Dartford—</b>		Groom, I. S. W.	A.M.		
Banks, H. W.	G.	Murray, A.	A.M.	<b>Epsom—</b>	
Brier, H.	M.	Parker, J. H.	M.	Amy, P. A.	A.M.
Greenfield, A.	G.	Phillips, G. W.	A.M.	Holmström, C. A.	M.
Guthrie, A. G.	A.M.	Webster, F. J.	M.	Maitland, E. B. W.	G.
Hesketh, E.	M.	York, J. D.	G.	Ruscoe, J. O.	G.
Hodsdon, G. C.	M.	York, R. S.	A.M.		
Morgan, F. J.	G.	<b>Donnington, Salop—</b>			
Pratten, F. E.	M.	Balfry, J. C. K.	A.M.		
Webb, G. W. C.	A.M.				



<b>Hartlepool—</b>		<b>Horwich—</b>		<b>Ilford—</b>	
Cheesman, W. T.	M.	Attock, F. W.	M.	Campbell, J. A.	A.M.
Clark, G.	M.	Billington, J. R.	M.	Carstairs, G. L.	A.M.
McBride, W.	M.	Burge, J. F.	A.M.	Child, J.	A.M.
Morison, D. B.	M.	Gass, E. M.	A.M.	Clacher, T.	A.M.
Robinson, I. V.	M.	Gibson, D.	M.	Griggs, J. W.	A.M.
<b>Harwich—</b>		Haigh, J. H.	A.M.	Kerr, W. S.	A.M.
Ries, A. H.	A.M.	Hughes, G.	M.	Low, Prof. D. A.	M.
<b>Haslemere—</b>		Hurt, E. N. R.	A.M.	Mott, R. J.	G.
Ellington, G.	A.M.	Maize, W. J.	G.	Myers, J. R.	A.M.
Godfrey, W. B.	M.	Ormod, A. S.	G.	Norton, S. J.	A.M.
Johnson, L. P.	M.	Shawcross, G. N.	M.	Reeve, W.	A.M.
Yarrow, A. F.	M.	<b>Howden—</b>		Scholes, W. H.	M.
<b>Hassocks—</b>		Briggs, J. H.	M.	Scotcher, W. G.	G.
Hughes, C. L.	G.	<b>Huddersfield—</b>		Shaw, A. H.	M.
<b>Hastings—</b>		Bostock, F. J.	A.M.	Thompson, H.	A.M.
Castle, F.	M.	Broadbent, W.	M.	Wilson, F. R.	A.M.
Dawson, H. P.	G.	Dickinson, H.	A.M.	<b>Ilkley—</b>	
Ferguson, R. F.	M.	Gamble, G. M.	A.M.	Becker, C.	M.
Tree, B. F.	G.	Holmes, P. F.	M.	Patchett, J. H.	A.M.
<b>Havant—</b>		Hopkinson, A. H.	M.	<b>Ipswich—</b>	
Dean, G.	A.M.	Hopkinson, F. A.	M.	Alexander, C. W.	A.M.
<b>Hawkhurst—</b>		Marshall, L.	M.	Crates, W. H.	A.M.
Liley, H. D.	G.	Mountney, C. F.	A.M.	Davies, E. J.	M.
<b>Hayes, Kent—</b>		Riley, T. S.	G.	Gilbert, R. W. A.	G.
Mann, F. C. D.	A.M.	Shaw, W. C.	A.M.	Girling, A.	A.M.
<b>Hayes, Middx.—</b>		Stocks, J. A.	G.	Hartley, H. A.	A.M.
Dennison, W. N.	A.M.	Watts, W. J. T.	M.	Horsnaill, W. O.	A.M.
Mowbray, F. H.	A.M.	<b>Hull—</b>		James, H. H. E.	A.M.
<b>Haywards Heath—</b>		Blackith, F.	M.	Jefferies, H. S.	M.
Channon, P. P.	A.M.	Blythe, E.	A.M.	Johns, J. D.	G.
Ivatt, H. A.	M.	Bonar, D. D. M.	G.	Minty, A.	G.
Martin, F.	A.M.	Brodrick, W. H.	M.	Morfev, F. H.	G.
Peache, J. C.	M.	Cookson, F. R. C.	A.M.	Reavell, W.	M.
<b>Hebburn—</b>		Cooper, W.	M.	Ripley, P. E.	M.
Holmes, H.	A.M.	Drury, R. S.	M.	Scott, W. L.	A.M.
<b>Hednesford—</b>		Dunkerley, H.	M.	Smyth, S.	G.
Bumsted, F. D.	M.	Embley, A. S.	A.M.	Turner, F. W.	A.M.
Williamson, R. S.	A.	Groves, W. R.	M.	Unsworth, R. H.	M.
<b>Henley-on-Thames—</b>		Harrison, R.	A.M.	<b>Iron-Bridge—</b>	
Leslie, B.	M.	Haswell, F. J.	M.	Parker, T.	M.
Peck, H. H.	A.M.	Hepton, E. S.	A.M.	<b>Jarrow—</b>	
<b>Hertford—</b>		Hodgson, W.	G.	Reed, J. W.	M.
Roberts, G., Jun.	G.	Jenkin, T. H.	M.	<b>Keighley—</b>	
<b>Heywood—</b>		Kersey, A. T. J.	A.M.	Burton, J. H.	A.M.
Leach, R. B.	A.M.	Litton, F. H.	M.	Butterfield, K.	G.
<b>High Wycombe—</b>		McCormick, J.	A.M.	Clapham, T. A.	A.M.
Mackie, T. D.	A.M.	Nicol, G. A.	M.	Darling, J. W.	M.
<b>Hitchin—</b>		Pearson, F. H.	M.	Feather, R.	A.
Donnelly, S. H.	A.M.	Pearson, G. A.	A.M.	Gregory, E.	A.M.
Innes, A. M.	A.M.	Plowright, J. T.	M.	Lord, F.	A.M.
Spencer, A. L. H.	A.M.	Robb, A.	M.	<b>Kenilworth—</b>	
<b>Horeham Rd., Sussex—</b>		Sheppard, H.	A.M.	Sturch, H. A.	A.M.
English, T. M.	M.	Spring, A. L.	A.M.	<b>Kenley, Surrey—</b>	
<b>Horsehay—</b>		Stirling, M.	M.	Stirling, D. E.	M.
Simpson, A. H.	G.	Strong, G. H.	M.	<b>Kettering—</b>	
<b>Horsham—</b>		Strong, H.	A.M.	Lea, A. H.	A.M.
Cook, H. M.	A.M.	Taylor, W.	A.M.	Preston, F. H.	G.
Turner, J. A.	A.M.	Townhill, W.	M.	Wicksteed, C.	M.
Usherwood, T. S.	A.M.	Walker, E. G.	A.M.	<b>Kew—</b>	
<b>Horwich—</b>		Wilkinson, J.	M.	Blake, F. C.	A.M.
Attock, F. W.	M.	Willatt, W. H.	M.	Brown, Capt. F. A. W.	M.
Billington, J. R.	M.	Wilson, T. S.	M.	Deacon, R. W.	M.
Burge, J. F.	A.M.	<b>Hyde—</b>		Leitch, D. C.	M.
Gass, E. M.	A.M.	Adamson, D.	M.	Norman, G. F. A.	A.M.
Gibson, D.	M.	Adamson, J.	M.	Wilson, R. D.	M.
Haigh, J. H.	A.M.	Hall, J.	M.	<b>Kidderminster—</b>	
Hughes, G.	M.	Harrison, J.	M.	Green, B. J.	A.M.
Hurt, E. N. R.	A.M.	<b>Hythe—</b>			
Maize, W. J.	G.	Lee, W. H.	A.M.		
Ormod, A. S.	G.				
Shawcross, G. N.	M.				

<b>King's Lynn—</b>		<b>Leeds (cont.)—</b>		<b>Leeds (cont.)—</b>	
Hovell, J. C.	A.M.	Graham, J.	M.	Wigram, W. G.	A.M.
Jackson, C. W.	A.M.	Greaves, W.	M.	Wilkinson, L. M.	M.
Johnson, B. R.	A.M.	Green, W. P.	M.	Wyvill, F. C.	M.
Mitchley, J. W.	A.M.	Grimwood, B. C. R.	A.M.		
<b>Kingston-on-Thames—</b>		Grover, F.	M.	<b>Leicester—</b>	
Bruce, R. A.	M.	Hamilton, G. C.	M.	Brooks, J. F.	A.M.
Edgecome, J. E.	M.	Hartnell, W.	M.	Clarke, L. T.	M.
Kitching, J., Jun.	A.M.	Hayes, H. C.	A.M.	Collinson, A. E.	A.M.
Smith, W. M.	M.	Hebblethwaite, W. M. G.	M. G.	Finch, R. J.	A.M.
<b>Kirby Moorside—</b>		Hodgson, H.	A.M.	Gimson, H.	A.M.
Frank, R. A.	A.M.	Holgate, C. H.	M.	Hill, F. J.	A.M.
<b>Kirkby-in-Furness—</b>		Holt, R. B.	M.	Keay, J. A.	M.
Rothery, W. B.	M.	Jackson, T.	M.	Lambert, J. G.	A.M.
<b>Knutsford—</b>		James, C. W.	M.	Macfie, W. L.	A.M.
Ciaremont, E. A.	M.	Jeffreys, E. H.	M.	Nesbit, D. M.	M.
Longridge, R. C.	M.	Jennins, H. H.	M.	Peet, H. C.	A.M.
<b>Lancaster—</b>		Johnson, F. A.	A.M.	Preston, P. L.	G.
Clews, R. T.	G.	Johnson, W. W.	A.M.	Pulsford, F. C.	A.M.
Holloway, J. W.	A.M.	Jukes, J. W.	A.M.	Richards, H. W. H.	M.
Milnes, G. C.	A.M.	Kaye, W. K.	M.	Schettler, G. A.	A.M.
<b>Launceston—</b>		Kidd, J. W.	M.	Seymour, W. F. E.	A.M.
King, H. H.	A.M.	Lambert, H.	M.	Smith, J. B.	A.M.
Langdon, W.	M.	Lane, F. L.	M.	Storey, J. E.	M.
<b>Laxfield—</b>		Lawson, F. W.	M.	Taylor, W.	M.
Lindsey-Badcock, W.	A.M.	Livsey, H.	M.	Wootton, J.	M.
<b>Leamington—</b>		Lupton, N. D.	A.M.	<b>Leigh, Lancs.—</b>	
Mell, L. P.	M.	Lupton, W. W.	M.	Sutcliffe, E. R.	A.M.
<b>Leatherhead—</b>		McGhee, A.	A.M.	<b>Leighton Buzzard—</b>	
Gillett, T.	A.M.	McLaren, H.	M.	Brown, E. W.	G.
<b>Leeds—</b>		McLaren, J.	M.	<b>Leiston—</b>	
Ambler, C. P.	G.	McLaren, J. A.	M.	Bond, H. F.	G.
Armstrong, P. J.	G.	McLaren, R.	M.	Garrett, F.	M.
Bailie, J. D.	M.	Marshall, W. C.	A.M.	Garrett, F., Jun.	A.M.
Bain, J. A.	A.M.	Maynard, P. V.	A.M.	Oakes, F. B.	A.M.
Balkwill, A. J.	M.	Metcalfe, R. G.	A.M.	Pratt, H. K.	M.
Baxandall, E. F.	A.M.	Meysay-Thompson,	M.	Tuppen, H. R.	G.
Beaumont, Prof. R.	M.	A. H.	M.	Walker, F. E.	A.M.
Bentley, P.	A.M.	Moorhouse, S.	M.	<b>Letchworth—</b>	
Benton, W. J.	M.	Musgrave, J. R.	M.	Bain, G.	M.
Berry, H.	M.	Myers, H. S.	M.	Bullmore, A. W. E.	A.M.
Bettison, F. C.	A.M.	Naylor, T. H.	M.	Pearsall, E. H.	A.M.
Blackburn, G. W.	M.	Pickering, W. S.	A.M.	Whitehouse, W. H. A.M.	A.M.
Blakeney, S. E.	A.M.	Ping, H. J.	A.M.	<b>Lewes—</b>	
Bottomley, J. W.	M.	Poulson, H.	A.M.	Cronin, H. F.	G.
Bowen, W.	A.M.	Redding, W.	A.M.	Pacey, S. O.	A.M.
Braime, T. F.	M.	Rhodes, E.	A.M.	<b>Lichfield—</b>	
Buckley, C. L.	A.M.	Riley, W.	A.M.	Greenwood, V. E.	A.M.
Buckley, P.	A.M.	Sabet, M.	G.	<b>Limpsfield—</b>	
Burn, G. F.	A.M.	Shanks, A. T.	M.	Barry, A. P.	A.M.
Butler, E.	M.	Sharp, R. G.	M.	<b>Lincoln—</b>	
Butler, H. M.	M.	Shenton, J. W.	A.M.	Allan, J. E.	G.
Campbell, A.	M.	Smith, F. H.	A.M.	Austin, S., Jun.	A.M.
Campbell, E. W.	A.M.	Smith, W. T.	A.M.	Bell, W. T.	A.M.
Carr, C. R.	A.M.	Smyth, E. W.	A.M.	Bornemann, J. A. D.	M.
Chapman, H. W.	A.M.	Storr, J. E.	A.M.	Chorlton, A. E. L.	M.
Clark, E. K.	M.	Sturgeon, H. C.	A.M.	Collis, A. E.	M.
Craven, A. D.	A.M.	Sunderland, W.	A.M.	Dawson, S. H. W.	A.M.
Creighton, H.	A.M.	Tannett-Walker, A. T.	A.M.	Graham, A. J. W.	M.
Daniel, W.	M.			Jones, L. W.	G.
Denison, S.	M.	Taylor, N.	M.	Keightley, A. P.	M.
Dixon, W.	A.M.	Taylor, W. R.	A.M.	Lewis, F. W.	M.
Dunn, J.	A.M.	Towler, A.	M.	Livens, F. H.	M.
Eastwood, W.	M.	Walker, F. H.	A.M.	Mawer, S.	A.M.
Ellingham, E. H.	G.	Walker, H. C.	A.M.	Oliver, A.	A.M.
Fowler, R. H.	M.	Wallis, G. P.	M.	Perry, F. B.	A.M.
Fox, H. H.	A.M.	Walton, S.	G.	Price, O. A.	A.M.
Goodman, Prof. J.	M.	Wardle, E.	M.	Rainforth, W.	M.
		Watney, T. S.	M.	Rendell, S. H.	G.
		Watson, F. L.	M.	Richardson, J.	M.
		Watson, J. F.	M.		
		Weston, T. W.	M.		
		Whitaker, G.	A.M.		
		Whitaker, G. B.	G.		
		Wicksteed, J. H.	M.		



**Lincoln (cont.)—**

Robson, G.	A.M.
Sharpley, G. R.	M.
Smith, L. W.	M.
Spalding, E. W.	A.M.
Stapylton-Smith, J. B. G.	A.M.
Sykes, F.	A.M.
Tritton, W. A.	A.M.
Wans, O.	M.
Wright, G.	A.M.

**Liskeard—**

Ennor, C. J.	M.
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**Littlehampton—**

Duke, R. F.	A.M.
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**Liverpool—**

Anderson, J. W.	M.
Armistead, T. W.	M.
Armour, J. G.	M.
Ash, A. E.	M.
Atkins, A. H.	A.M.
Atkins, E. A.	A.M.
Atkinson, R. E.	M.
Backhouse, J.	M.
Barnes, H. N. W.	G.
Barnes, J. E. L.	M.
Bayley, G. R.	M.
Bell, A.	A.M.
Benington, E. S.	A.M.
Box, W. L.	A.M.
Bremner, J., Jun.	A.M.
Brew, J. B.	M.
Brodie, J. A.	M.
Brundrit, J.	M.
Buchanan, J.	M.
Capstick, R.	A.M.
Chater, J. B.	M.
Chaviara, J. N.	A.M.
Clark, J. J.	A.M.
Cloves, S.	G.
Cook, S. H.	A.M.
Cumming, W. M.	M.
Dall, J.	M.
Davenport, J. A.	A.M.
Dickinson, H.	M.
Douglas, J. T.	M.
Duncan, B. A.	G.
Edwards, W. G.	A.M.
Farrer, A. W.	A.M.
Geddes, C.	M.
Gill, J. F.	A.M.
Given, E. C.	M.
Gough, R. E.	G.
Griffiths, E.	M.
Hall, W.	M.
Henderson, H. E.	M.
Honiball, C. R.	M.
Hooper, S. H.	A.M.
Iliffe, R. J.	A.M.
Jones, S. P.	A.M.
Kermode, J. J.	M.
King, W.	M.
Lambert, W. F.	M.
Leighton, L.	A.M.
Leitch, A.	M.
Lockwood-Bunce, T.	A.M.
Macaulay, J.	A.M.
McIvor, B. R.	M.
Malley, C. E. A. H.	A.M.
Mansfield, W.	A.M.
Mason, Dr. W.	A.M.
Mathews, J.	M.

**Liverpool (cont.)—**

Miller, D.	M.
Miller, T. L.	M.
Molyneux, T.	M.
Monkhouse, F. L.	A.M.
Neachell, E. J.	M.
Norfolk, T. L.	M.
O'Brien, B. T.	M.
Oglethorpe, W. A.	M.
Page, J. H.	M.
Panton, J. A.	A.M.
Parry, A.	M.
Quiggin, D. A.	M.
Rathmell, B.	M.
Richardson, R. D.	M.
Roberts, H. J.	M.
Robertson, T. R.	M.
Robinson, J.	M.
Rollo, G., Jun.	A.M.
Ryder, A. H.	A.M.
Shield, H.	M.
Sington, L. F. S.	A.M.
Sloan, R. A.	M.
Smith, F. H.	M.
Taylor, L. S.	A.M.
Taylor, W.	M.
Thompson, W. P.	M.
Tod, P.	M.
Vaux, W.	M.
Watkinson, Prof. W. H.	M.
Weekes, B. N.	A.M.
Wellsman, C.	A.M.
West, C. H.	M.
Wilkie, J. B.	M.
Wiswall, J. W.	A.M.
Wood, R. D.	M.
Wyllie, J.	M.
Young, F. W.	M.

**LONDON—**

Abady, J.	M.
Abbott, J. H. A.	A.M.
Abliitt, E. F.	A.M.
Accles, W. S.	M.
Aceland, Capt. F. E. D. M.	G.
Adam, H. D.	M.
Adams, A. B.	G.
Adams, C. H.	G.
Adams, D.	G.
Adams, H.	M.
Adams, H. C.	M.
Adams, W. J.	M.
Adey, D. F.	A.M.
Alder, J. F.	A.M.
Aldrich, T. G.	A.M.
Algar, S. C.	G.
Allcard, H.	M.
Allen, C. W. G.	A.M.
Allen, E. J.	M.
Allen, T. F.	A.M.
Allen, W.	G.
Allensby, C. R.	A.M.
Allin, H. P.	A.M.
Allison, B. J.	A.M.
Allman, A. J. R.	A.M.
Ames, R.	M.
Amos, E. C.	M.
Amos, H. C.	A.M.
Anderson, J. G.	A.M.
Anderson, J. R.	M.
Andrews, N.	A.M.
Annacker, J. P.	G.
Arber, P. H.	A.M.
Armer, J.	M.

**London (cont.)—**

Armes, B. S.	M.
Armfield, F.	A.M.
Armitage, C. V.	A.M.
Armstrong, F. A. E.	A.M.
Armytage, J. H.	M.
Arnott, D.	A.M.
Aslett, E. S.	G.
Aston, E. B. S.	A.M.
Atkinson, C. A.	A.M.
Atkinson, F.	M.
Atkinson, H.	M.
Atkinson, J. S.	A.M.
Aughtie, H.	A.M.
Aveline, W. R.	M.
Avila, J. F.	A.M.
Ayers, A. L. M.	G.
Aykroyd, J. K.	A.M.
Bader, F. R.	M.
Bailey, D. E.	A.M.
Bailey, H. D.	A.M.
Bain, D. B.	A.M.
Bainbridge, A. W.	A.M.
Baker, G. S.	M.
Baker, H. N.	M.
Baker, J. A.	M.
Baker, J. S.	A.M.
Baker, L. A.	A.M.
Bakewell, F. J.	A.M.
Bale, A. P.	A.M.
Bale, M. P.	M.
Balfour, G.	A.M.
Ball, E. B.	A.M.
Ball, J. B.	M.
Balsom, E. V.	G.
Bamber, H. W.	M.
Bamford, W.	A.M.
Banks, A.	A.M.
Barber, A. T.	G.
Barber, J. W.	M.
Barber, T. W.	M.
Barge, H. L.	M.
Barker, G.	M.
Barker, W. T. E.	M.
Barnes, E. E.	G.
Barringer, H.	M.
Barry, Sir J. W.	M.
Bartle, G. W.	A.M.
Bartley, B. C.	M.
Barton, A.	A.M.
Bartram, H. A.	A.M.
Basch, H.	G.
Basta, H.	A.M.
Bateman, J. T.	M.
Bates, W. R.	G.
Bathe, C. D. D.	A.M.
Batt, E. G.	G.
Batten, E.	M.
Beacham, T. E.	G.
Beale, B. R.	M.
Beard, A. C.	M.
Beaumont, W. W.	M.
Beck, A. E.	A.M.
Beck, J. W.	G.
Beck, W. H.	M.
Bedbrook, J. A. H.	A.M.
Beere, O. G.	A.M.
Belford, C. S.	A.M.
Bell, C. S.	M.
Bell, J.	A.M.
Bellman, H.	A.M.
Belsher, B. J.	A.M.
Bennett, A. T.	A.M.
Bennett, F. S.	A.M.
Bennett, F. W.	M.

**London (cont.)—**

Bennett-Powell, P. G. A.M.  
 Benny, H. B. G.  
 Bentall, A. F. A.M.  
 Bentley, C. W. A.M.  
 Bentley, T. S. A.M.  
 Bentley, W. O. G.  
 Berchem, A. H. E. M.  
 Betterton, W. G.  
 Beynon, H. A.M.  
 Bilbie, J. M.  
 Billinghurst, R. W. B. A.M.  
 Billington, J. D. A.M.  
 Binner, J. W. A. A.M.  
 Binnie, Sir A. R. M.  
 Birch, E. W. G.  
 Bird, H. H. A.M.  
 Birkett, H. M.  
 Bishop, S. M. A.M.  
 Black, P. B. M.  
 Blake, A. W. M.  
 Blake, R. M.  
 Blaker, A. A. A.M.  
 Blanchard, L. W. G.  
 Bland, J. P. M.  
 Blaxter, A. P., Jun. M.  
 Bloyd, F. G. A.M.  
 Blundstone, S. R. M.  
 Bock, J. K. A.M.  
 Bollam, W. C. A.M.  
 Bond, F. A. M.  
 Bonniwell, P. O. M.  
 Bonstow, T. L. M.  
 Boot, H. L. P. M.  
 Boot, J. N. M.  
 Booth, R. M.  
 Boreham, G. H. A.M.  
 Borner, O. L. M.  
 Bott, W. S. A.M.  
 Boulit, A. J. M.  
 Bousfield, J. E. M.  
 Bouts, T. A.M.  
 Bowden, J. M.  
 Bowden, J. H. M.  
 Bowen, C. W. A.M.  
 Bown, C. H. M.  
 Bowser, H. A. A.M.  
 Boxer, Eng. Lt. A. C. A.M.  
 Boyle, A. M.  
 Brackenbury, K. F. A.M.  
 Bradley, A. P. G.  
 Bradley, C. G. M.  
 Bradney, W. M.  
 Braithwaite, C. C. M.  
 Brand, W. D. A.M.  
 Braun, H. C. H. A.M.  
 Bray, H. P. G.  
 Brayfield, T. H. G. M.  
 Bremner, A. J. A.M.  
 Bremner, D. A. M.  
 Brewer, R. W. A. M.  
 Brewster, E. H. G. M.  
 Bridges, W. M.  
 Brierley, H. H. A.M.  
 Briggs, R. H. G.  
 Brindley, H. S. B. A.M.  
 Bromly, A. H. M.  
 Broughall, G. A.M.  
 Brousson, R. P. M.  
 Browett, T. M.  
 Brown, A. M.  
 Brown, C. H. A.M.

**London (cont.)—**

Brown, H. M.  
 Brown, Eng. Lt. H. A. M.  
 Brown, J. F. M.  
 Brown, R. M.  
 Brown, W. M.  
 Brown, W. P. A.M.  
 Browne, A. F. A.M.  
 Browne, T. B. M.  
 Browne, T. R. M.  
 Brownjohn, W. H. M.  
 Bruce, A. K. A.M.  
 Bruce, R. M.  
 Bruckmann, O. J. A.M.  
 Buckham, G. T. M.  
 Buckton, A. S. G.  
 Buckton, E. J. A.M.  
 Budden, G. W. A.M.  
 Bullivant, T. G.  
 Bullwinkle, G. R. G.  
 Bumpus, B. E. A.M.  
 Burford, H. G. A.M.  
 Burn, L. A.M.  
 Burne, E. L. A.M.  
 Burnet, C. D. M.  
 Burnside, G. M. A.M.  
 Burstall, H. R. J. M.  
 Burt, G. M.  
 Burt, L. N. A.M.  
 Burton, W. F. A.M.  
 Bussey, L. E. A.M.  
 Butcher, M. H. M.  
 Butcher, W. E. A.M.  
 Butler, E. M.  
 Butterworth, F. N. A.M.  
 Button, J. W. A.M.  
 Buxton, R. H. A.M.  
 Cable, J. W. A.M.  
 Cadman, W. J. A.M.  
 Calderwood, W. A.M.  
 Calthrop, E. R. M.  
 Calthrop, K. de S. G.  
 Calvard, F. A.M.  
 Calvert, E. A.M.  
 Calvert, R. M.  
 Campbell, A. W. A.M.  
 Campbell, R. M. M.  
 Camps, H. E. J. M.  
 Capito, C. A. A. M.  
 Capper, Prof. D. S. M.  
 Carnegie, D. M.  
 Carolin, E. M. M.  
 Carpenter, C. C. M.  
 Carr, H. O. A.M.  
 Carr, R. A. M.  
 Carr, W. S. M.  
 Carson, J. A.M.  
 Carter, H. H. A.M.  
 Carter, S. C. G.  
 Casson, W. M.  
 Caster, G. A.M.  
 Cater, J. M. A.M.  
 Cawley, G. M.  
 Chalmers, G. M.  
 Chalmers, J. R. M.  
 Chalmers, T. W. A.M.  
 Chamberlain, J. M.  
 Chapman, E. A.M.  
 Chatfield, K. R. A.M.  
 Cheeseman, A. B. E. A.M.  
 Chew, L. M.  
 Chimes, T. E. G.  
 Chubb, H. E. A.M.  
 Clare, E. A.M.  
 Clare, G. E. A.M.

**London (cont.)—**

Clark, A. A.M.  
 Clark, A. G. A.M.  
 Clark, F. W. A.M.  
 Clark, H. A. A.M.  
 Clark, J. L. A.M.  
 Clark, R. A.M.  
 Clark, T. F. M.  
 Clarke, H. G. G. G.  
 Clausen, H. G.  
 Clayton, C. H. J. A.M.  
 Clerk, Dr. D. M.  
 Clifton, G. B. M.  
 Clifton, W. G. A.M.  
 Cloake, W. H. M.  
 Cloud, J. W. M.  
 Clutterbuck, H. M.  
 Coates, F. M.  
 Coates, V. H. M.  
 Cobbold, A. W. A.M.  
 Cochrane, Major J. E. C. J. M.  
 Cockroft, H. O. G.  
 Codd, T. J. M.  
 Coker, Prof. E. G. M.  
 Cole, A. W. J. A.M.  
 Cole, C. S. M.  
 Cole, D. B. A.M.  
 Cole, H. A. B. M.  
 Cole, J. M. A.M.  
 Cole, W. L. A.M.  
 Collingwood, A. A.M.  
 Colson, J. St. C. A.M.  
 Constantine, W. W. A.M.  
 Cook, A. B. M.  
 Cook, G. H. A.M.  
 Cook, J. N. M.  
 Cooke, A. L. G.  
 Cooper, A. T. M.  
 Cooper, E. S. F. A.M.  
 Cooper, R. M.  
 Cooper, T. M.  
 Cooper, T. L. R. M.  
 Copping, G. L. A.M.  
 Copsey, W. A. B. A.M.  
 Corns, S. W. A.M.  
 Corrie, J. B. A.M.  
 Couch, R. E. A.M.  
 Coulson, H. E. A.M.  
 Courtney, B. T. M.  
 Courtney, F. S. M.  
 Cowan, P. J. M.  
 Cowper-Coles, S. O. M.  
 Cox, F. J. M.  
 Cox, R. C. A.M.  
 Crabtree, W. S. A.M.  
 Crawford, J. F. A.M.  
 Creak, R. B. M.  
 Creffield, T. R. A.M.  
 Crewe, H. T. M.  
 Crichton, J. A. A.M.  
 Critchley, J. S. M.  
 Croft, C. M. G.  
 Cromie, W. H. G.  
 Crompton, Col. R. E. B. M.  
 Crooke, S. E. G.  
 Cross, W. M. M.  
 Cruickshank, A. A.M.  
 Cruttwell, G. E. W. M.  
 Cullen, P. J. M.  
 Cummins, R. E. A.M.  
 Cunningham, F. L. G.  
 Curgenven, Eng. Lt.-Comm. L. W. M.

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Currie, A. W.	G.
Curtis, I.	A.M.
Cust, L.	A.M.
Cutler, G. B.	M.
Cutler, S.	M.
Cutler, S., Jun.	M.
Dalby, Prof. W. E.	M.
D'Alton, P. W.	M.
Damant, A. C. C.	A.M.
Danby, C. G. H.	M.
Dania, G.	M.
Daniels, W.	A.M.
Darbshire, J. E.	M.
Darbshire, J. T. D.	G.
Darby, A. E.	A.M.
Darker, A. H.	A.M.
Darlington, S. N.	M.
Davey, A.	M.
Davidson, Capt. A. E.	M.
Davidson, C. S.	M.
Davies, F. E.	A.M.
Davies, V. C.	A.M.
Davis, E. J.	M.
Davis, H. C.	A.M.
Davison, E. J.	M.
Davson, C. W.	A.M.
Davy, E. V.	A.M.
Davy, W. J.	M.
Dawson, Sir A. T.	M.
Dawson, P.	M.
Day, C. A. S.	A.M.
Day, C. H. J.	A.M.
Deane, R. H. A.	A.M.
Dearden, W. H.	A.M.
Defries, W.	M.
Dellwik, C.	M.
Dennis, G. D.	M.
Dennis, G. S.	A.M.
Dennison, J. A.	A.M.
Denniss, A. J.	A.M.
Dent, C. H.	M.
De Ritter, A. H.	G.
Devey, A. C.	A.M.
De Ville, M.	A.M.
Dew, J. W. H.	A.M.
Dewar, J. M.	M.
Dewrance, J.	M.
Dicken, R. C. J.	M.
Dickinson, H. W.	A.M.
Dicksee, C. B.	G.
Dickson, N.	M.
Digby, W. P.	A.M.
Dixon, J. D.	A.M.
Dobson, S. T.	M.
Dolby, E. R.	M.
Donald, D. B.	M.
Donkin, H. J.	M.
Donkin, S. B.	M.
Dorman, R. B.	G.
Dorsett, W. B.	G.
Double, T. W.	A.M.
Douglas, L. M.	A.
Douglas, W. J.	M.
Douglass, P. C. D.	A.M.
Dover, H. J.	A.M.
Dow, H. P.	A.M.
Down, P. B.	A.M.
Drake, A. J.	M.
Draycott, G. E.	A.M.
Drayson, W. F.	A.M.
Dresser, C.	A.M.
Drummond, W. J.	G.
Dryden, A.	M.
Dudin, J. P.	A.M.

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Duncan, J.	M.
Dunlop, P.	M.
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Eastlake, A. W.	A.M.
Easton, C. A.	G.
Eborall, A. C.	M.
Echevarri, J. T. W.	M.
Edeleanu, I.	G.
Edge, T.	A.M.
Edward, F.	A.M.
Edwards, F.	M.
Edwards, J.	A.M.
Edeye, J. de G.	A.M.
Elliott, G. H.	M.
Ellis, B. P.	M.
Ellis, J.	M.
Ellis, R. E.	M.
Elmer, J. J.	M.
Elstob, F.	M.
Embleton, C. A.	A.M.
Enock, A. G.	M.
Erichsen, F. O.	M.
Erith, C.	A.M.
Essex, E. H.	A.M.
Etchells, E. F.	A.M.
Etherington, J.	M.
Etilinger, G. E.	M.
Evans, L.	M.
Everett, E. J. E.	A.M.
Evetts, W., Jun.	A.M.
Evill, F.	A.M.
Ewing, Sir J. A.	M.
Excell, M. S.	A.M.
Exton, G. G.	M.
Fairlie, W. E.	M.
Fanghanel, W. P. F.	G.
Farrar, S. H.	M.
Fawns, S.	A.M.
Feeny, C. J.	A.M.
Feeny, V. I.	M.
Feeham, M.	M.
Fell, A. L. C.	M.
Fell, J. C.	M.
Feloy, J. P.	A.M.
Fendick, Eng. Lt. W. R.	A.M.
Ferguson, J. S.	M.
Field, E. H.	A.M.
FitzGerald, S.	A.M.
Fitzgerald, W. A.	A.M.
Fitzmaurice, Sir M.	M.
Flannery, Sir J. F.	M.
Fletcher, S. R.	A.M.
Flower, C. J.	A.M.
Folk, S. M.	A.M.
Foord, J. K.	M.
Ford, T. W.	M.
Foreman, J. T. W.	M.
Forgan, C.	M.
Forrest, H.	G.
Forrest, P.	M.
Forward, E. A.	A.M.
Fothergill, H.	A.M.
Fowler, C. H.	A.M.
Fowler, J. A.	M.
Fox, C. H.	M.
Fox, Sir D.	M.
Fox, E. J.	M.
Fox, F. H. W.	A.M.
Fox, F. J.	A.M.
Fox, H. S.	M.
Fox, L. M.	A.M.

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Fyfe, J. W.	M.
Gardner, A. C.	A.M.
Gardner, W.	M.
Garratt, E. A.	M.
Garrett, J. D.	A.M.
Gass, J.	M.
Gatehouse, T. E.	M.
George, W. T.	A.M.
Gibbs, A. R.	A.M.
Gilchrist, P. C.	M.
Gill, F. J.	A.M.
Gimson, A.	A.M.
Gissel, H.	G.
Glasgow, A. G.	M.
Glaze, C. W. L.	M.
Glen, D. C.	M.
Goddard, H. P.	A.M.
Godfrey, H. R.	G.
Golby, F. W.	A.
Golledge, W. T.	A.M.
Goodchild, G. W. P.	A.M.
Goodrich, W. F.	A.
Goosey, S. W.	A.M.
Gordon, E. A. H.	A.M.
Gordon, J.	A.M.
Gordon, J. W.	A.M.
Goslett, F. J.	M.
Goudie, H. J.	A.M.
Goudie, W. J.	M.
Goulding, B. J. J.	A.M.
Gower, C. W.	A.M.
Graham, C. K.	M.
Graham, H. B.	M.
Graham, J. C.	A.M.
Graham, R. F.	G.
Graham, W. V.	M.
Grant, J. E.	A.M.
Green, E. W.	M.
Green, F. M.	G.
Green, H. J. K.	M.
Greene, F. A.	A.M.
Greenfield, E. B.	G.
Greenfield, J.	A.M.
Gregory, H. H.	A.M.
Grierson, H. F.	A.
Grierson, R.	A.M.
Griffith, P.	M.
Griffiths, E. M.	A.M.
Griffiths, H. R.	A.M.
Griffiths, R. S.	A.M.
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Groom, S.	G.
Gulland, J. K.	M.
Gulliver, G. H.	A.M.
Gwynne, N. G.	M.
Gyton, F. G.	A.M.
Haarer, E. Du C.	M.
Haggie, R. H.	M.
Haile, E.	G.
Haines, C. J.	M.
Hale, H.	A.M.
Hall, A. E.	A.M.
Hall, J. P.	M.
Hally, G.	A.M.
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Hammond, R.	M.

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 Hardingham, G. G. M.M.  
 Hardwick, E. J. A.M.  
 Hardy, W. G. G.  
 Harker, W. M.  
 Harrap, G. T. M.  
 Harris, C. H. A.M.  
 Harris, F. G. R. A.M.  
 Harris, G. M.  
 Harris, V. G. A.M.  
 Harrison, G. M.  
 Harrison, T. H. M.  
 Hart, W. B. A.M.  
 Hartness, J. A. A.M.  
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 Hasselkus, J. W. A.M.  
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 Hatschek, E. A.M.  
 Hatton, R. A. A.M.  
 Hatton, R. J. M.  
 Haughton, G. B. A.M.  
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 Hawes, J. W. H. A.M.  
 Hawkins, W. B. M.  
 Hawksley, C. M.  
 Hawksley, K. P. M.  
 Haydon, G. S. A.M.  
 Hayward, T. W. A. M.  
 Haywood, T. E. A.M.  
 Head, J. L. G.  
 Head, W. G. A.M.  
 Heap, A. C. M.  
 Heap, R. D. T. M.  
 Heath, A. M. M.  
 Heath, E. A. M.  
 Heatly, H. M.  
 Hele-Shaw, H. S. M.  
 Henderson, D. D. A.M.  
 Henderson, P. M.  
 Henriques, C. Q. M.  
 Henriques, W. Q. G.  
 Henry, H. D. M.  
 Hepworth-Collins, W. A.M.  
 Hernu, A. H. M.  
 Heward, S. E. A.M.  
 Hicks, F. G. A.M.  
 Hide, W. D. G.  
 Higgins, C. F. A.M.  
 Higson, P. R. A.M.  
 Hildred, C. W. M.  
 Hill, A. J. M.  
 Hill, W. C. A.M.  
 Hiller, H. K. M.  
 Hiller, L. A.M.  
 Hind, H. R. A.M.  
 Hindle, R. S. A.M.  
 Hingston, W. H. A.M.  
 Hitchcock, C. M.  
 Hitchen, J. H. A.M.  
 Hitchins, C. F. M.  
 Hodges, H. F. A.M.  
 Hodgson, P. F. M.  
 Hodson, H. M. A.M.  
 Hodson, R. C. A.M.  
 Holden, J. M.  
 Houlder, C. H. E. A.M.  
 Holland, B. A. A.M.  
 Holland, H. N. A.M.

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 Holliday, T. A.M.  
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 Holmes, L. G. A.M.  
 Holthouse, C. S. A.M.  
 Homan, B. van A.M.  
 Home-Morton, A. M.  
 Hooker, B. M.  
 Hopkins, E. C. A.M.  
 Hopkins, G. A. A.M.  
 Horsnell, T. A.M.  
 Hoskyns, O. P. L. A.M.  
 Houston, P. T. A.M.  
 How, T. W. M.  
 Howard, E. M.  
 Howard, H. F. M.  
 Howard, H. L. M.  
 Howes, W. A.M.  
 Howlett, F. M.  
 Hudlass, F. W. I. A.M.  
 Hughes, E. W. M. M.  
 Hughes, F. E. H. M.  
 Hughes, G. H. M.  
 Hughes, J. M.  
 Hughes, S. C. G.  
 Hull, J. F. A.M.  
 Humphrey, H. A. M.  
 Humphreys, H. H. M.  
 Humphreys, J. H. M.  
 Hunt, D. N. A.M.  
 Hunt, H. M.  
 Hunter, C. F. A.M.  
 Hunter, E. L. A.M.  
 Hunter, F. A. G.  
 Hunter, J. M. A.M.  
 Hunter, J. W. A.M.  
 Hurner, R. G.  
 Hurst, B. L. A.M.  
 Hutchins, T. W. S. A.M.  
 Hyne, H. A.M.  
 Iden, W. J. M.  
 Inder, C. J. A.M.  
 Ingham, J. H. A.M.  
 Inglefield, Lt. A. F. G.  
 Ingram, A. M.  
 Innes, W. A.M.  
 Ireland, A. J. T. G.  
 Ireland, W. E. M.  
 Irwin, G. C. M.  
 Jack, F. B. M.  
 Jackson, A. B. M.  
 Jackson, E. A.M.  
 Jackson, G. J. F. A.M.  
 Jackson, Sir J. M.  
 Jacobs, C. M. M.  
 James, D. A.M.  
 James, E. F. G.  
 James, R. W. M.  
 James, W. L. A.M.  
 Jantzen, P. H. H. A.M.  
 Jeffreys, J. M.  
 Jenkin, C. J. M.  
 Jenkins, R. M.  
 Jennings, W. F. A.M.  
 Jensen, P. M.  
 Johnson, A. B., Jun. A.M.  
 Johnson, F. D. M.  
 Johnson, F. W. A.M.  
 Johnson, H. H. M.  
 Johnson, H. H. A.M.  
 Johnson, H. T. M.  
 Johnson, W. M.  
 Jones, A. D. M.

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 Jones, C. A.M.  
 Jones, G. C. G.  
 Jones, G. S. G.  
 Jones, H. E. M.  
 Jones, J. M. G.  
 Jones, S. H. A.M.  
 Jones, W. E. A.M.  
 Joy, B. H. M.  
 Justice, H. R. M.  
 Karn, R. E. G.  
 Kavanagh, C. J. A.M.  
 Keevill, R. G. A.M.  
 Keith, J. M.  
 Kemp, E. A.M.  
 Kemp, H. J. A.M.  
 Kempf, Eng. Comm. A. R. A.M.  
 Kendal, R. M.  
 Kennedy, Sir A. B. W. M.  
 Kerr, J. B. M.  
 Kerr, P. W. A.M.  
 Kett, G. M.  
 Kettelwell, H. M. A.M.  
 Kibbler, H. A.M.  
 Kilburn, B. E. D. A.  
 Kimber, H. W. M.  
 King, B. T. A.  
 King, C. P. M.  
 King, E. M.  
 King, S. H. G.  
 Kinghorn, D. M. A.M.  
 Kingsbury, H. G.  
 Kirby, H. L. G.  
 Kirk, P. R. A.M.  
 Kirkaldy, J. M.  
 Kirlew, R. L., Jun. A.M.  
 Kirstein, H. C. M.  
 Kisch, E. A. D. A.M.  
 Kitchener, H. T. A.M.  
 Kitsell, A. E. M.  
 Knap, C. M.  
 Knight, C. A. M.  
 Knight, J. D. M.  
 Knights, H. N. A.M.  
 Knott, Eng. Lt. B. W. A.M.  
 Knowles, G. J. F. A.M.  
 Kroto, G. M.  
 Lacey, E. C. M.  
 Lacey, E. M. M.  
 Lachenal, A. M.  
 Lacy-Hulbert, C. E. M.  
 Lake, H. B. A.M.  
 Lake, W. O. M.  
 Lamb, Prof. E. H. M.  
 Lambert, A. P. A.M.  
 Lancaster, E. H. A.M.  
 Lancaster, S. D. A.M.  
 Lander, A. J. A.M.  
 Landstein, J. A.M.  
 Lane, H. J. A.M.  
 Lange, F. M. T. M.  
 Langton, S. W. B. A.M.  
 Lardard, C. E. M.  
 Larkin, F. S. A.M.  
 Larkin, G. F. A.M.  
 Lascelles, T. S. G.  
 Latham, B. M.  
 Latham, E. A.M.  
 Latta, J. G. M.  
 Lawrence, H. P. A.M.  
 Lawrence, L. E. G.  
 Lazenby, A. M.

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Leaf, H. M.	M.
Lean, C.	A.M.
Le Clair, L. J.	M.
Leechman, G. D.	A.
Legros, L. A.	M.
Leigh, F. A. C.	M.
Leigh, H.	G.
Lelean, W. A.	M.
Leopard, C. W.	M.
Lewenz, H. I.	A.M.
Lewis, J.	A.M.
Lewis, W. Y.	A.M.
Liddell, G.	A.M.
Lightfoot, K.	A.M.
Lightfoot, T. B.	M.
Lindsay, Hon. W.	A.M.
Lineham, W. J.	M.
Linley, P.	G.
Lister, Eng. Comm.	
F. H.	M.
Lister, J. E.	A.M.
Liversedge, Eng.	
Comm. H. T.	M.
Livingston, J.	M.
Livsey, J. E.	M.
Lloyd, C.	A.M.
Lloyd, R. S.	M.
Lockhart, W. S.	M.
Lomax, S.	A.M.
Longhurst, H. A.	A.M.
Longland, W.	A.M.
Longley, R.	M.
Longsdon, H. S.	A.M.
Lord, Eng. Lieut. G.	
S. D.	A.M.
Lorrain, J. G.	M.
Lowcock, S. R.	M.
Lucas, A.	M.
Lucas, F. W.	G.
Lund, J.	A.M.
Lupton, A.	M.
Lyon, A. A.	M.
Lyon, A. G.	M.
Macauley, C. R.	A.M.
Macbeth, J. B. K.	M.
McCarthy, G. N.	G.
McCarthy-Jones,	
C. H.	A.M.
McClean, W. N.	M.
McClelland, J. C.	A.M.
McClelland, J. J.	A.M.
MacCormac, R. S.	A.M.
McCourt, E. F.	A.M.
McCrie, B.	A.M.
MacCurrach, D. C.	A.M.
McDermott, H.	A.M.
McDonald, J. A.	M.
MacFarlane, J. B.	A.M.
McFee, W. M. P.	A.M.
McFerran, H. A.	M.
McGeorge, J.	A.M.
McGill, E. W.	G.
Mackay, H. J. S.	A.M.
McKay, R. F.	A.M.
Mackellar, E. C.	A.M.
Mackenzie, D. G.	G.
Mackenzie, G. S.	A.M.
MacKenzie, J. W.	M.
McLaren, J.	M.
Maclean, A. F.	A.M.
McLean, A. M.	M.
McMahon, J. F.	A.M.
McMahon, P. V.	M.
Macnab, T. P.	M.

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Maginnis, J. P.	M.
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Mair, G. P.	M.
Mair-Rumley, J. G.	M.
Maitland, C.	M.
Majors, C. G.	M.
Mallett, C.	G.
Mallock, R. C.	A.M.
Manisty, H. S.	A.M.
Mann, E. L.	G.
Mantle, H. G.	M.
Marchant, H. G.	A.M.
Margetson, Prof. A. J. M.	M.
Markham, R. G. L.	M.
Marks, Sir G. C.	M.
Marples, S. A.	A.M.
Marrinan, A. E.	A.M.
Marsden, A.	A.M.
Marsden, J.	G.
Marsh, C. F.	M.
Marshall, A. G.	A.M.
Marshall, A. W.	M.
Marshall, J. A.	A.M.
Marshall, P.	A.
Marshall, R.	M.
Marshall, R.	A.M.
Marshall, W. J.	A.M.
Marten, H. B.	M.
Martin, E.	A.M.
Martin, G. W.	A.M.
Martin, R. F.	A.M.
Martindale, W. B. H.	M.
Martineau, F. L.	M.
Mathot, R.	M.
Matthews, T. L.	M.
Maul, G. B.	G.
Maw, R. L.	A.M.
Maw, T. F.	A.M.
Maw, Dr. W. H.	M.
Maxim, Sir H. S.	M.
Maxwell, D. W. F.	M.
Maxwell, F.	A.M.
May, W.	M.
Mayers, E. W.	G.
Mayo, C. R.	M.
Mead, T. F.	A.M.
Medley, C. P.	A.M.
Meek, G. T.	A.M.
Meik, C. S.	M.
Melhuish, F.	M.
Mell, S. T.	M.
Melville, W. W.	M.
Mendham, C. F.	M.
Merrall, C. E.	A.M.
Merrett, J. A.	M.
Merryweather, J. C.	M.
Metcalf, H.	A.M.
Meyer, T. B.	A.M.
Meyrick-Jones,	
L. M.	A.M.
Miaskowski, P. A. H.	
v.	A.M.
Middleton, P. C.	A.M.
Middleton, R. E.	M.
Midgley, H. E.	A.M.
Miller, L. C.	G.
Millis, C. T.	M.
Mills, G. P.	M.
Milward, W. F.	A.M.
Mitchell, A. H.	M.
Mitchell, E. A.	A.M.
Mitchell, G.	M.
Mitchell, James	A.M.

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Money-Kent, J. M. V.	M.
Monkhouse, E. W.	M.
Moon, J. G.	M.
Moore, E. S.	A.M.
Moreland, R.	M.
Morris, C.	M.
Morris, C. C. B.	M.
Morris, J. T.	G.
Morris, R. E.	M.
Mortimer, Eng. Comm.	
J. E.	M.
Moss, E. W.	G.
Moss, H.	A.M.
Mounib, E. S. M.	G.
Mowat, M.	M.
Mower, C. H.	M.
Mower, G. A.	M.
Munro, C. S. A.	A.M.
Munro, E. M.	M.
Munyard, M. H.	A.M.
Murdoch, A. G.	A.M.
Murfin, L. J. J.	A.M.
Murray, K. S.	M.
Murray, L.	M.
Musker, A.	M.
Musker, C.	M.
Myers, A. C. T.	A.M.
Napier, F. D.	A.M.
Naylor, J. A.	A.M.
Neal, R. H.	M.
Neate, P. J.	M.
Needham, J. E.	M.
Negreiros, R.	G.
Neilson, G.	A.M.
Nelson, G.	M.
Nelson, R.	A.M.
Nevill, S. S.	A.M.
Newman, A. R.	A.M.
Newton, E. V.	M.
Newton, P.	A.M.
Newton, T. G.	M.
Nicholl, H. W.	G.
Nixon, F. H.	A.M.
Noakes, T. J.	M.
Novbs, W. W.	A.M.
Norman, G. H.	A.M.
Norman, J.	M.
Norris, J. W.	G.
Norrish, G. R.	G.
Norrish, H. R. B.	A.M.
Northcott, H. H. M.	A.M.
Northey, P. W.	M.
Norton, S. J.	A.M.
Norwood, C. R.	G.
Notley, R. H.	A.M.
Noyce, C. H.	G.
Oakley, H. W.	G.
Ockenden, M. A.	M.
O'Connell, J. G.	A.M.
Odell, R. F.	G.
O'Donnell, J. P.	M.
Ogden, F.	M.
Ogg, E. L.	A.M.
O'Neil, R. S.	M.
O'Neil, J.	M.
Oram, Eng. Vice-Adml.	
Sir H. J.	M.

## London (cont.)—

Ormsby, A. S. A.	M.
Ormsby, E. S.	M.
Oswald, J.	M.
Outram, W. R.	A.M.
Oxlade, H. J. W.	M.
Paddock, W. G.	G.
Page, H. A.	A.M.
Page, J. H.	M.
Palmer, E. W.	A.M.
Paris, H. A.	A.M.
Parish, C. E.	M.
Parker, F. T.	A.M.
Parkes, H. R.	A.M.
Farkinson, B. R.	M.
Parr, T. D.	A.M.
Parrack, L.	G.
Parrack, W. T.	M.
Parsons, Hon. R. C.	M.
Partridge, H. R. C.	M.
Passmore, F. B.	M.
Patchell, W. H.	M.
Paterson, A.	M.
Paterson, W.	M.
Paterson, W. S.	M.
Patey, A. P.	M.
Paton, G.	A.M.
Payne, R.	M.
Peacock, P. G.	A.M.
Peacock, W. J. P.	A.
Peal, E. R.	A.M.
Pearson, R. J. B.	M.
Peech, H.	A.
Peech, W. H.	A.
Pendred, L. St. L.	M.
Penrose, P. O.	A.M.
Perceira, J. J. A. F.	G.
Perkins, A. W.	A.M.
Perkins, W. J.	A.M.
Peters, L. B.	M.
Petter, E. W.	M.
Pettit, A. E.	A.M.
Peyrecave, G. R. de	A.M.
Pfeiffer, A. J. J.	M.
Phillips-Smith, B.	A.M.
Phillips, Sir L.	M.
Phillips, R. E.	M.
Phillips, R. M.	A.
Philpot, H. P.	A.M.
Pidgen, A.	A.M.
Pile, W. D.	G.
Pinder, C. R.	M.
Pinnegar, W. E.	G.
Pirrie, The Right Hon.	
Lord	M.
Pitman, P. H.	A.M.
Pitt, P. S.	A.M.
Place, J.	M.
Plante, S. G.	A.M.
Polden, F. C.	A.M.
Pollard, G.	M.
Pollock, W.	M.
Polychroniadis, L. S.	A.M.
Pontifex, B.	A.M.
Poole, G. E.	A.M.
Porter, S. W.	M.
Portway, R. C.	A.M.
Potts, S.	A.M.
Powell, H. C.	M.
Powell, D. T.	A.M.
Powell, H. J. B.	M.
Powell, W. H.	A.M.
Powles, H. H. P.	M.
Powrie, W. L.	A.M.
Poynting, A.	A.M.

## London (cont.)—

Pratt, C. A.	M.
Preen, A. H.	A.M.
Prescott, W. H.	M.
Prestwich, J. A.	M.
Price, H. S.	M.
Price, E. S.	A.M.
Price, W. F.	A.M.
Pritchard, R. C.	A.M.
Prosser, R. W. O.	A.M.
Pryce, W. H.	G.
Pryor, H. A.	A.M.
Psicha, P. T.	A.M.
Pull, E.	A.M.
Pulman, T. C.	M.
Puplett, S.	M.
Pyne, Sir T. S.	M.
Quelch, A. T.	A.M.
Quick, A. H.	A.M.
Rainer, E. A.	A.M.
Rainforth, W. F.	A.M.
Rankine, W.	A.M.
Ransford, R. B.	A.
Ransom, H. B.	M.
Ransom, P. A.	M.
Rapley, F. H.	M.
Rappoport, F. G.	M.
Rapson, B.	A.M.
Rasey, A. E.	A.M.
Raworth, B. A.	A.M.
Read, C. M.	A.M.
Read, G. H.	M.
Rean, W. H.	G.
Reavell, J. A.	M.
Redfern, C. G.	A.M.
Redman, J. F.	M.
Reeve, J.	A.M.
Reeve, R. J. R.	M.
Reeves, A. R.	M.
Reith, J. C. W.	G.
Rendell, A. W.	M.
Restler, J. W.	M.
Rexworthy, H. S.	A.M.
Reynolds, T. B.	G.
Reynolds, W. A.	A.M.
Rice, T. S.	M.
Richards, F. B.	A.M.
Richards, F. H.	A.M.
Richards, G. T.	A.M.
Richardson, D.	A.M.
Richardson, H. W.	A.M.
Richardson, T. K.	A.M.
Richmond, H.	A.M.
Rickwood, H. J.	A.M.
Rider, J. H.	M.
Ridley, C. O.	M.
Riggs, A. L.	A.M.
Ritchie, M. C.	A.M.
Rix, G.	A.M.
Robb, H. B.	G.
Roberts, E. F.	A.M.
Roberts, G. G.	A.M.
Roberts, J.	A.M.
Roberts, S. H.	G.
Robertson, J.	A.M.
Robertson, L. S.	M.
Robertson, V. A. M.	G.
Robey, E. W.	M.
Robinson, C. E.	G.
Robinson, Prof. H.	M.
Robinson, H. W.	A.M.
Robinson, J. F.	M.
Robinson, L. H.	A.M.
Robinson, L. L.	A.M.
Robinson, M. H.	M.

## London (cont.)—

Robinson, S. G.	A.M.
Robson, J. H.	A.M.
Roe, H.	A.M.
Rofe, H.	M.
Rofe, W.	A.M.
Rogers, F. H.	A.M.
Rogers, H. E.	G.
Rogers, H. M.	M.
Rolfe, H.	M.
Rome, G. H.	A.M.
Roose, F. O. J.	M.
Roots, J. D.	M.
Rose, N.	G.
Rosenbusch, G.	M.
Rosenthal, J. H.	M.
Ross, A. E. L.	A.M.
Ross, C. A.	A.M.
Ross, H. A.	G.
Rossiter, W. M.	A.M.
Rounthwaite, H. M.	M.
Rouse, F. R. O.	A.M.
Rowcliffe, W. C.	A.
Rowledge, A. J.	A.M.
Rudd, E. W.	A.M.
Rudgard, H.	A.M.
Rush, C. H. E.	A.M.
Ruthven-Murray, E. T.	M.
Rutter, H. F.	M.
Rutty, H. L.	A.M.
Ryder, E. H.	A.M.
Sachs, E. O.	A.
Sage, L.	A.M.
Salmon, M. W.	G.
Sams, J. H.	M.
Sandeman, E.	M.
Sanders, F. A. H.	A.M.
Sanders, P. M.	A.M.
Sanders, R. D.	M.
Sankey, Capt. H. R.	M.
Sauvé, L. L.	A.M.
Savidge, J. E.	A.M.
Schubeler, J. F.	M.
Schultz, A. A.	A.M.
Schuster, F. M. N.	A.M.
Schutte, F. A.	A.M.
Scott, J. B.	G.
Scott, J. M.	A.M.
Scott, N. L.	A.M.
Seabrook, A. H.	M.
Seaman, C. J.	M.
Seaton, A. E.	M.
Secchi, L.	A.M.
Segundo, E. C. de	M.
Selby, G. M.	M.
Selby, M.	M.
Seyern, W. H.	M.
Sewell, H. W.	A.M.
Sexton, W. J.	A.M.
Shackleton, E.	A.M.
Shapton, N. W.	A.M.
Sharman, P. A.	M.
Sharp, J.	M.
Sharp, S.	M.
Sharp, W.	A.M.
Shave, G. J.	M.
Shaw, A. T.	A.M.
Shaw, H.	G.
Sheffield, G. H.	M.
Shenstone, W. M.	A.M.
Shepherd, F. W. H.	A.M.
Shiner, A. E.	A.M.
Shone, I.	M.
Shoolbred, A. R.	A.M.

## London (cont.)—

Shorthouse, B.	A.M.
Siemens, A.	M.
Sillar, A. M.	M.
Silversteen, W.	A.M.
Simmance, J. F.	M.
Simms, F. R.	M.
Simon, L. J.	A.M.
Simper, W. A.	A.M.
Simpson, A. T.	M.
Simpson, C. L.	M.
Simpson, E. P.	A.
Sims, G. P. W.	A.M.
Skeates, C. C.	A.M.
Slater, E.	A.M.
Smart, A.	M.
Smart, L. A.	M.
Smedley, F. T.	A.M.
Smeeton, J. A.	A.M.
Smelt, J. D.	M.
Smillie, J.	A.M.
Smith, A. M.	A.M.
Smith, C. A.	A.M.
Smith, C. St. V.	A.M.
Smith, E. E.	A.M.
Smith, F. G.	A.M.
Smith, F. H.	A.M.
Smith, G. A.	A.M.
Smith, H.	M.
Smith, H. E.	A.M.
Smith, James	M.
Smith, J. P. G.	A.M.
Smith, J. S.	A.M.
Smith, M. H.	M.
Smith, P. H. F.	M.
Smith, Prof. R. H.	M.
Smith, R. T.	M.
Smith, S. A.	A.M.
Smith, W. B.	A.M.
Smith, W. G.	A.M.
Smorthwaite, G. W.	A.M.
Smyth, W. M. C.	A.M.
Snell, Sir J. F. C.	M.
Sokal, S.	A.M.
Sopwith, J.	M.
Soward, H. W. F.	A.M.
Sparks, H. C.	M.
Speakman, E. M.	M.
Spear, C. O.	A.M.
Spencer, A.	M.
Spencer, A. G.	M.
Spencer, A. J.	A.M.
Spencer, H. W.	M.
Spencer, W. E. S. H.	A.M.
Spinney, R. D.	A.M.
Splitter, B.	G.
Spooner, G. P.	M.
Spooner, Prof. H. J.	M.
Spratt, E. H.	A.M.
Sprunt, H. W.	M.
Spurr, G. R.	A.M.
Stackard, S. F. C.	G.
Stanford, E. S.	A.M.
Stanger, R. H. H.	A.M.
Stanley, H.	G.
Stanley, H. F.	M.
Stapleton, A. B.	G.
Stapley, A.	A.M.
Stead, C. S.	A.M.
Stead, A. W.	A.M.
Steed, E. A.	G.
Steedman, H. P. G.	A.M.
Stenning, H. A.	M.
Stent, A. J.	G.
Stephens, H.	A.M.

## London (cont.)—

Stephenson, H. V.	A.M.
Sterne, L.	M.
Stevens, E. C.	A.M.
Stevens, J.	M.
Stevenson, J.	M.
Still, W.	M.
Stokes, J. T.	A.M.
Stone, S.	M.
Stone, S. C. E.	M.
Storie, G. B.	M.
Stove, A. E.	A.M.
Straker, S.	M.
Stuart, E. J.	A.M.
Sugden, T.	M.
Sugg, H. G.	A.M.
Suggate, C. F. D.	A.M.
Sullivan, C. E.	M.
Swift, H. C.	A.M.
Swinburne, J.	M.
Swinson, W. C.	A.M.
Swinton, A. A. C.	M.
Sykes, J. C.	M.
Symons, A. B.	A.M.
Symons, D. A.	M.
Symons, J. F.	A.M.
Tabor, E. H.	A.M.
Tait, R. A.	A.M.
Taite, G. C.	A.M.
Taite, J. C.	M.
Talbot, E.	A.M.
Talbot, E. E. A.	M.
Tarrant, A. N.	A.M.
Taverner, H. L.	A.M.
Taylor, A.	M.
Taylor, A. J.	A.M.
Taylor, C. A.	A.M.
Taylor, E. B.	M.
Taylor, F. C.	A.M.
Taylor, F. H.	A.M.
Taylor, G. H.	A.M.
Taylor, G. S.	A.M.
Taylor, H. G.	A.M.
Taylor, R. H.	M.
Taylor, W. A. T.	A.M.
Tearoe, J.	M.
Teed, Eng. Capt. H. R.	M.
Tennant, W. J.	M.
Tervet, N. C.	G.
Tester, A. L.	A.M.
Thatcher, I. J.	A.M.
Theakston, F.	G.
Thom, J.	A.M.
Thomas, A. H.	A.M.
Thomas, J. L.	M.
Thomlinson, R.	A.M.
Thompson, A. B.	M.
Thompson, A. E.	A.M.
Thompson, F. W.	A.M.
Thompson, H. G. C. O.	A.M.
Thompson, H. S. V.	A.M.
Thompson, St. J. M.	A.M.
Thompson, T.	A.M.
Thomsen, T. C.	A.M.
Thomson, A.	A.M.
Thorne, D. S.	A.M.
Thorne, H. T.	A.M.
Thorne, L.	A.M.
Thornton, H. M.	M.
Thornycroft, J. E.	A.M.
Thornycroft, Sir J. I.	M.
Thorpe, W. B.	A.M.
Thursfield, G. R.	A.M.

## London (cont.)—

Tompkins, Eng. Capt.	
A. E.	M.
Tooke, W. A.	M.
Tottle, E. G.	M.
Touche, J. E.	M.
Townsend, W.	A.M.
Tozer, C. W.	A.M.
Trask, E. D.	G.
Tregoning, W. H.	A.M.
Tremearne, W. C.	A.M.
Trewby, L.	A.M.
Trier, F.	M.
Trotter, A. P.	M.
Troughton, H. J.	A.M.
Tucker, A. E.	A.M.
Tuckwell, H. M. S.	M.
Tunncliffe, W. G.	A.M.
Turner, J. D. K.	A.M.
Turner, W. S.	A.M.
Turney, F.	A.M.
Turpin, W. A.	M.
Twelvetrees, W. N.	M.
Ullmann, W. C.	M.
Umney, H. W.	M.
Underwood, A. L.	A.M.
Unger-Vetlesen,	
F. W. G.	G.
Unwin, Dr. W. C.	M.
Urquhart, G.	A.M.
Urquhart, L.	M.
Utting, S.	A.M.
Vaughan, C. B.	A.M.
Veal, J. M.	G.
Vesian, J. S. E. de	M.
Vezey, A. E.	A.M.
Vickers, A.	M.
Vince, J. S.	G.
Vining, R. V.	G.
Waddington, A.	A.M.
Waddington, R.	M.
Wade, H.	A.M.
Wadhams, A.	A.
Wales, R. P.	M.
Walker, Alfred	A.M.
Walker, C. A.	A.M.
Walker, F. J.	M.
Walker, F. V.	A.M.
Walker, H. C.	M.
Walker, K.	M.
Walker, W. G.	M.
Walker, Wm. Peto	A.M.
Wall, C.	A.M.
Wallace, J. C.	M.
Wallach, L. C.	A.
Waller, A.	A.M.
Waller, W.	M.
Walton, D.	A.M.
Walton, G. L.	M.
Walton, T. P.	A.M.
Warburg, F. N.	G.
Ward, F. E.	A.M.
Warden-Stevens, F. J.	M.
Warner, J. S.	A.M.
Warren, E. C.	A.M.
Warren, F. L.	M.
Warriner, R.	M.
Watchurst, C.	M.
Watkins, A.	M.
Watson, C.	M.
Watson, G.	M.
Watson, G.	A.M.
Watson, G. C.	M.
Watson, G. W.	M.

**London (cont.)—**

Watson, O. W. J.	A.M.
Watts, Sir P.	M.
Waynforth, Prof. H. M.	M.
Webb, A. J.	A.M.
Webb, W. J.	A.M.
Wedekind, J. E.	A.M.
Weiss, M.	A.M.
Wells, E. N.	A.M.
Wells, J. M.	A.M.
West, E.	M.
West, W. E.	M.
Westacott, P.	A.M.
Western, H.	A.M.
Weston, G. C.	A.M.
Whalley, H. de	A.M.
Wheeler, P.	M.
Whipp, F. G.	G.
Whitaker, J. W.	A.M.
White, A. E.	A.
White, C.	A.
White, E.	M.
White, R.	M.
Whitehead, A.	M.
Whitelegg, S. H.	A.M.
Whiteley, H. S.	A.M.
Whittle, A.	A.M.
Whittington, R. H.	A.M.
Wigram, A. W.	A.M.
Wilby, F. B.	M.
Wilcocks, W. J. R.	A.M.
Wilding, J. A.	M.
Wildy, E. L.	G.
Wilkinson, A.	A.M.
Wilkinson, E. R.	M.
Wilkinson, F.	A.M.
Wilkinson, F. A.	M.
Wilkinson, G. S.	A.M.
Wilkinson, H. D.	M.
Willans, J. F.	M.
Willcox, R. J. N.	M.
Williams, A. E.	M.
Williams, C. E.	M.
Williams, H.	M.
Williams, J. N.	G.
Williams, P.	A.M.
Williams, S. V.	A.M.
Williams, W. F. M.	M.
Williams, W. W.	M.
Williamson, E.	A.M.
Willis, E.	A.M.
Wilson, F.	A.M.
Wilson, H. S.	A.M.
Wilson, J.	G.
Wilson, J. W.	M.
Wilson, N. B.	A.M.
Wilton, L. E.	A.M.
Windsor, A. W.	A.M.
Wingfield, C. H.	M.
Wingfield, D. C.	M.
Winsor, W. H.	A.M.
Winston, H. H.	M.
Winter, A. H. G. D.	A.M.
Winter, W.	A.M.
Wollaston, H. U.	M.
Wolsey, G.	G.
Wood, E. M.	M.
Wood, J. M.	M.
Wood, S. H.	M.
Wood, S. P.	M.
Wood, W.	M.
Woodall, Sir C.	M.
Woodfield, C. H.	M.
Woollen, T. H.	M.

**London (cont.)—**

Worger, D. F.	M.
Wornum, J. R.	A.M.
Worssam, H. J.	M.
Worssam, L. H.	A.M.
Worssam, R.	A.M.
Wort, W. E.	M.
Worthington, E.	M.
Wright, A. R.	A.M.
Wright, B. H.	M.
Wright, F.	A.M.
Wright, T. G.	A.M.
Wright, T. H.	A.M.
Wyld, W.	M.
Wynbloom, A. V.	M.
Young, A. G.	A.M.
Young, D. S.	A.M.
Young, H. W.	A.M.
Young, J. H. M.	A.M.
Young, P. L.	A.M.
Young, S. G.	A.M.

**Loughborough—**

Burder, W. C.	M.
Coltman, J. C.	M.
Coltman, W. W.	A.M.
Davies, B. T.	A.M.
Lawton, H. A.	G.
Jones, G. P.	M.
Lloyd-Evans, B. J.	G.
Marsh, E. H.	G.
Potter, J. A.	G.
Purnell, W. H.	M.
Rixom, A. J.	M.
Weston, W. N.	M.
Wood, G. T.	M.

**Loughton—**

Collins, C. A.	A.M.
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**Louth—**

Nell, W. A.	G.
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**Lowestoft—**

Brooke, J. W.	M.
Brooke, J. W. M.	M.
Davison, E. G.	A.M.
Knocker, G. S.	M.
Reynolds, Eng. Lient. J. A.	M.

**Luton—**

Ball, C. S.	A.M.
Barr, G.	A.M.
Cameron, J. W.	A.M.
Davies, S.	M.
Gilbert, G.	A.M.
Greenland, H. F. A.	A.M.
Miller, C. H.	A.M.
Pomeroy, L. H.	M.
Saunders, T. T.	G.
Wiseman, E.	A.

**Lyndhurst—**

Littledale, E. H.	G.
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**Lytham—**

Buckley, J. T.	M.
Utley, R.	A.M.

**Macclesfield—**

Aston, R. G.	A.M.
Collier, J. F.	A.M.

**Maidenhead—**

Westley, E.	A.M.
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**Maidstone—**

Ashdown, J. W.	M.
Barnwell, E. A.	A.M.
Noakes, W. M.	M.

**Maldon—**

Pell, H. W. L.	A.M.
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**Malton—**

Strickland, F.	M.
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**Malvern—**

Crew, M. H.	A.M.
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**Manchester—**

Abbott, R. H.	A.M.
Adams, M. H.	A.M.
Allbutt, J. E. H.	A.M.
Allcock, H.	A.M.
Allen, M.	M.
Allen, W. M.	M.
Andrew, C. D.	A.M.
Armitage, H. C.	A.M.
Armstrong, P. T.	A.M.
Armstrong, W. K.	G.
Asbridge, H. H.	M.
Ashbury, T.	M.
Aspinall, J. A. F.	M.
Baldwin, A. H.	M.
Bamford, D.	A.M.
Barber, E. W.	A.M.
Barsdorf, H.	M.
Bates, W. J.	M.
Bedson, J. P.	M.
Benn, S.	M.
Bennett, D.	A.M.
Bennison, W. E.	A.M.
Berry, R.	A.M.
Beswick, F. A.	M.
Bond, J. T.	M.
Bone, W. L.	M.
Boswell, S.	M.
Bound, A. F.	M.
Bower, W. N.	M.
Bowman, F. H.	A.
Brady, H. W.	A.M.
Brayshaw, E. R.	M.
Brayshaw, S. N.	M.
Broadbent, L. D.	A.M.
Brooke, R. G.	M.
Brooks, S. H.	M.
Budenberg, C. F.	M.
Burcham, R. E.	M.
Burdock, A.	A.M.
Burton, T. B.	M.
Buttenshaw, G. E.	A.M.
Butterworth, J.	M.
Callis, F. T.	A.M.
Campion, J.	A.M.
Challiner, C. S.	A.M.
Chapman, S.	A.M.
Clarke, J. T.	A.M.
Clarkson, S. S.	A.M.
Cockcroft, E. E.	A.M.
Coley, E.	A.M.
Collinge, J.	A.M.
Cooper, W. J.	A.M.
Cowell, R. A.	A.M.
Cox, K. R. W.	A.M.
Craig, W.	A.M.
Crawford, J.	M.
Crosland, J. F. L.	M.
Daniels, G.	M.
Davidson, J.	A.M.
Davies, C. E.	A.M.
Davy, C.	A.M.
Dawson, H. W.	A.M.



**Manchester (cont.)—**

Deeprise, H. A.M.  
 Deluce, S. A. N. A.M.  
 Dickson, E. H. L. A.M.  
 Digby, C. A.M.  
 Dryburgh, A. P. A.M.  
 Eades, J., Jun. A.M.  
 Edmondson, A. R. A.M.  
 Edwards, F. B. A.M.  
 Edwards, J. R. A.M.  
 Eigenbertz, H. A.M.  
 Ellis, J. J. G.  
 Ellison, W. T. A.M.  
 Ermen, B. G. M.  
 Ermen, G. A.M.  
 Farwell, G. D. A.M.  
 Field, Prof. A. B. M.  
 Fletcher, D. C. A.M.  
 Fowler, H. A.M.  
 Fowler, W. H. M.  
 Fox, W. M.  
 Gamble, S. A. A.M.  
 Garner, H. C. A.M.  
 Garner, W. C. G.  
 Gaspar, G. H. W. A.M.  
 Ginders, E. M. A.M.  
 Gobey, F. E. M.  
 Goodacre, W. G. A.M.  
 Goodbehere, E. A.M.  
 Goodier, R. G.  
 Gow, J. B. A.M.  
 Gower, W. E. A.M.  
 Graham, J. M.  
 Green, J. S. M.  
 Green, R. A.M.  
 Gregory, G. W. M.  
 Guy, H. L. A.M.  
 Hallowell, W. A.M.  
 Halstead, A. F. M.  
 Hamilton, H. G.  
 Handcock, H. C. A.M.  
 Hanson, J. A.M.  
 Hardman, J. H. A.M.  
 Hardy, T. H. G.  
 Hargreaves, W. A.M.  
 Hayes, J. J. A.M.  
 Hayton, C. E. P. A.M.  
 Heathcote, E. H. A.M.  
 Heenan, H. M.  
 Hesketh, W. O. A.M.  
 Hetherington, E. P. M.  
 Higginbotham, G. M.  
 Higginbottom, L. M.  
 Hill, E. L. M.  
 Hiller, E. G. M.  
 Hilton, G. M. B. A.M.  
 Hines, J. S. G.  
 Hockley, N. J. A.M.  
 Hodgson, J. T. A.M.  
 Hopkinson, C. M.  
 Hopkinson, Dr. E. M.  
 Howell, T. B. M.  
 Hubble, A. W. A.M.  
 Hughes, P. H. G.  
 Hulley, R. D. M.  
 Ingham, E. A.M.  
 Ingham, W. M.  
 Ingleby, J. M.  
 Jackson, H. J. G.  
 Jackson, H. Y. V. G.  
 Jackson, R. G.  
 Jackson, R. H. A.M.  
 Jarvis, R. M.  
 Jesson, G. A. T. A.M.  
 Johnson, W. M.

**Manchester (cont.)—**

Johnston, A. D., Jun. A.M.  
 Jones, T. M.  
 Jordan, H. G. M.  
 Joyce, P. A.M.  
 Jures, W. J. A.M.  
 Kirkman, P. D. A.M.  
 Knowles, L. M.  
 Krönig, H. H. G. G.  
 Lambert, C. A.M.  
 Lander, C. H. A.M.  
 Landon, R. W. A.M.  
 Lang, P. A. M.  
 Lange, E. F. S. M.  
 Lauder, R. B. D. A.M.  
 Lawrence, M. R. M.  
 Lea, J. E. M.  
 Leresche, P. A.M.  
 Lewis, G. M.  
 Lewis, L. H. M.  
 Lister, R. R. M.  
 Lithgoe, J. A.M.  
 Longbottom, B. M.  
 Longridge, M. M.  
 McGill, T. A.M.  
 McGown, R. A.M.  
 Maclure, W. G. P. M.  
 McMahon, J. J. M.  
 Macnee, K. W. A.M.  
 Manning, E. A.M.  
 March, S. H. M.  
 Mason, J. W. V. A.M.  
 Massey, H. F. M.  
 Massey, L. F. M.  
 Mather, L. E. A.M.  
 Mather, Rt. Hon. Sir W. M.  
 Mathews, G. F. M.  
 Matthews, R. M.  
 Meade, T. de C. M.  
 Mensforth, H. M.  
 Metcalfe, J. M.  
 Millington, W. E. W. A.M.  
 Mortimore, W. M.  
 Muir, F. A.M.  
 Murphy, W. M.  
 Myers, F. A.M.  
 Nelson, G. H. A.M.  
 Newall, J. F. A.M.  
 Nichol, J. O. A.M.  
 Nicholson, E. A.M.  
 Nicholson, H. M.  
 Norris, R. G.  
 O'Brien, G. H. G.  
 O'Brien, J. O. M.  
 Orrell, J. T. M.  
 Ousey, T. A.M.  
 Parrott, A. G. A.M.  
 Peacock, J. F. A.M.  
 Peacock, R. M.  
 Pearce, S. L. M.  
 Pendlebury, C. M.  
 Petavel, Prof. J. E. M.  
 Pickford, F. A.M.  
 Pilling, H. M.  
 Pilling, J. M.  
 Plevin, P. J. A.M.  
 Pochin, E. A. A.M.  
 Pole-Wedlake, R. W. A.M.  
 Price, E. M.  
 Price, F. C. A.M.  
 Prout, F. M.

**Manchester (cont.)—**

Rayner, H. S. M.  
 Reed, F. W. M.  
 Reed, H. A. M.  
 Reeves, A. W. M.  
 Renold, H. M.  
 Richardson, H. A.M.  
 Ride, S. M.  
 Roberts, J. A.M.  
 Robertson, A. A.M.  
 Robinson, J. G. M.  
 Robinson, M. D. G.  
 Rogers, G. D. A.M.  
 Rogerson, A. C. M.  
 Ross, P. J. P. G.  
 Row, O. M. M.  
 Rowland, W. M.  
 Rowley, S. H. M.  
 Roylance, A. H. M.  
 Saunders, S. M. A.M.  
 Saxon, A. M.  
 Saxon, G. M.  
 Saxon, J. M.  
 Saxon, L. G.  
 Sayers, R. J. H. M.  
 Schuster, L. W. A.M.  
 Scorer, A. B. M.  
 Seager, F. P. A.M.  
 Seagrif, C. W. A.M.  
 Shaw, T. R. A.M.  
 Sherratt, F. W. G.  
 Shirley, H. N. G.  
 Simon, E. D. M.  
 Smethurst, W. M.  
 Smith, C. H. G.  
 Smith, D. M.  
 Smith, H. A.M.  
 Smith, J. W. M.  
 Spencer, W. M.  
 Spensley, J. W. A.M.  
 Sprott, R. E. M.  
 Staniar, H. D. A.M.  
 Stead, W. M.  
 Stratton, J. M.  
 Stromeyer, C. E. M.  
 Stubbs, J. H. M.  
 Sumner, L. A.M.  
 Taggart, W. S. M.  
 Taylor, A. W. A.M.  
 Taylor, W. H. A.M.  
 Telford, L. L. A.M.  
 Tetley, T. R. H. A.M.  
 Tetlow, E. M.  
 Thom, R. A. M.  
 Townend, H. G.  
 Turner, A. M.  
 Turner, E. H. A.M.  
 Vaughan, W. H. M.  
 Waite, W. V. A.M.  
 Walker, R. M.  
 Wallace, J. N. A.M.  
 Wallis, T. A. A.M.  
 Wallwork, R. M.  
 Walthew, J. G. A.M.  
 Walton, W. R. A.M.  
 Watkins, J. H. A.M.  
 Watson, J. M. G.  
 Webb, W. L. P. M.  
 Welham-Clarke, P. A.M.  
 West, J. M.  
 Whitehead, J. P. A.M.  
 Whittaker, M. A.M.  
 Willcocks, F. R. M.  
 Williams, V. I. N. A.M.  
 Wilson, A. C. A.M.

<b>Manchester (cont.)—</b>		<b>Much Wenlock—</b>		<b>Newcastle-on-Tyne—</b>	
Wilson, D.	A.M.	Storey, C. B.	A.M.	(cont.)—	
Wollaston, T. R.	M.			Orde, E. L.	M.
Wood, W. A.	A.	<b>Nantwich—</b>		Parsons, Hon. Sir C. A.	A.
Worthington, S. B.	M.	Oke, F. R.	M.	Philipson, J.	G.
Wright, I. H.	A.M.	Shearman, J., Jun.	A.M.	Philipson, W.	G.
Wright, T.	M.			Pratt, J.	A.M.
Yates, W.	M.	<b>Nelson—</b>		Redman, S. G.	A.M.
Youatt, C. S.	A.M.	Fyffe, A. M.	M.	Riseley, H. L.	M.
Young, R. C.	A.M.			Rowell, H. S.	A.M.
<b>Manningtree—</b>		<b>Newark—</b>		Sheret, D. A.	A.M.
Cragg, W. O.	A.M.	Asbury, G. E.	M.	Smith, J. D.	A.M.
Fitch, J. R. M.	A.M.	Durham, H. W.	M.	Smith, W.	M.
		Josselyn, E.	A.M.	Stanier, J. H.	A.M.
<b>Mansfield—</b>		<b>Newbury—</b>		Stoney, G. G.	M.
Sanderson, H. W.	A.M.	Kent-Norris, H., Jun.	A.M.	Trail, J.	M.
<b>Margate—</b>		Lester, W. H. D.	A.M.	Tripp, W. H. S.	A.M.
Brophy, M. M.	M.	Parsons, H. A.	A.M.	Watson, H. B.	M.
<b>Marlborough—</b>				Watson, T. J.	M.
Bulmer, G. H.	A.M.	<b>Newcastle, Staffs.—</b>		Watson, W. C.	M.
<b>Masham—</b>		Hill, W.	M.	Watt, A.	M.
Butler, J. L.	G.	<b>Newcastle-on-Tyne—</b>		Westmacott, H. A.	M.
<b>Matlock Bath—</b>		Abel, W. R.	M.	Weyman, J. E.	M.
Hall, G. S.	G.	Adamson, D.	M.	Willis, E. T.	M.
<b>Mayfield—</b>		Allan, G.	M.	Younger, R.	M.
Robins, A. G.	M.	Arkwright, B. G.	M.	<b>New Malden—</b>	
<b>Melksham—</b>		Armstrong, W.	M.	Vizetelly, V. R.	A.M.
Murray, T. R.	M.	Ash, S. H.	G.	<b>Newnham, Glos.—</b>	
Philip, W. L.	M.	Baker, H. H.	A.M.	Ingoldby, E.	G.
Roy, W.	M.	Bargate, G., Jun.	A.M.	<b>Newquay—</b>	
<b>Melton Constable—</b>		Barrs, E.	A.M.	Constantine, E. G.	M.
Marriott, W.	M.	Bennett, H. A. D.	M.	<b>Newton Abbot—</b>	
Newman, W. E.	M.	Billetop, T. O.	M.	Giles, B.	M.
<b>Melton Mowbray—</b>		Bing, H.	M.	<b>Newton-le-Willows—</b>	
Marsh, C. K.	G.	Brackenbury, H. I.	M.	Surtees, R. T.	M.
<b>Middlesbrough—</b>		Browne, Sir B. C.	M.	Vicars, T., Jun.	G.
Alcock, A. E.	A.M.	Browne, B. C., Jun.	M.	<b>Northampton—</b>	
Chambers, T. H. W.	M.	Catto, J.	M.	Allinson, G. L.	G.
Cooper, A.	M.	Champion, G. T.	A.M.	Barry, L. C.	A.M.
Coulson, R. H. A.	A.M.	Clatworthy, W. A.	A.M.	Hannah, J. C.	A.M.
Gore, G. E.	M.	Copperthwaite, R. A.	M.	Jackson, G. H.	M.
Hall-Brown, E.	M.	Cripwell, F.	M.	Mobbs, H.	A.M.
Harrison, J. H.	M.	Crompton, W. E.	A.M.	<b>North Shields—</b>	
Harrison, W. G.	A.M.	Crosier, E. J.	A.M.	Brown, Major F.	M.
Jobson, G.	M.	Drury, G. L.	A.M.	Chatwin, E. A.	G.
Lawson, W.	A.M.	Dunkerton, E. C.	A.M.	Ward, M., Jun.	A.M.
Marsden, J. R.	A.M.	Fairbairn-Crawford,		<b>Northwich—</b>	
Stead, J. E.	A.	I. F.	A.M.	Boyd, W.	A.M.
Talbot, B.	M.	Fletcher, W.	M.	Cook, J.	A.M.
Welsh, A. R.	A.M.	Forster, A. L.	M.	Dronsfield, W.	M.
Wood, H. A.	M.	Fossey, A. H.	G.	Griffiths, D. N.	A.M.
<b>Middlewich—</b>		Gardner, R. H.	G.	Hey, W.	A.M.
Harlock, E. B.	M.	Hartley, W. A.	M.	Hollows, A.	A.M.
<b>Mildenhall—</b>		Haswell, W. S.	M.	Yarwood, W. J.	M.
Schofield, G. A.	M.	Hatton, J.	A.M.	<b>Northwood—</b>	
<b>Minehead—</b>		Heath, C. L. E.	A.M.	Allen, C.	M.
Swarbrick, F.	A.M.	Hepper, J.	M.	Barrow, J.	M.
Wedlake, J. G.	A.M.	Heron, S. D.	G.	Eden, C. G.	A.M.
<b>Mitcham—</b>		Hobson, J. W.	A.M.	Higson, J.	M.
Thompson, G. W.	A.M.	Holbrow, C. A.	A.M.	<b>Norwich—</b>	
Twelvetrees, Lieut.		Holmes, J. H.	M.	Drury, H. W. C.	A.M.
R. W. R.	A.M.	Holmes, R. J. M.	M.	Howard, H. J.	G.
		Hunter, G. L.	M.	Lower, R. A.	A.M.
		Hyde, P. A.	M.	Pank, A.	A.M.
		James, C. W.	M.		
		Johnston, W. A.	A.M.		
		Lydall, C. H.	A.M.		
		MaeGuckin, C. J. G.	A.M.		
		Morley, A.	M.		
		Mountain, W. C.	M.		
		Ohlsen, A.	A.M.		

<b>Nottingham—</b>		<b>Penrith—</b>		<b>Portsmouth (cont.)—</b>	
Ahrons, E. L.	M.	Ferguson, J. H.	A.M.	Lironi, V. G.	M.
Atherton, A.	A.M.	Hetherington, F.	A.M.	Lonnou, Eng. Capt.	
Babington, E. B.	A.M.			W.	M.
Bardill, W.	M.	<b>Penzance—</b>		Loveridge, A. W.	A.M.
Bond, G. C.	M.	Corin, P. B.	M.	Ludlow, W. A. C.	G.
Collingham, E. B.	A.M.	Holman, F.	M.	Main, G. W.	A.M.
Cowen, E. S.	M.			Michell, Eng. Lt.	
Crosta, L. W.	M.	<b>Pershore—</b>		W. H.	M.
Davies, F. W.	M.	Chandler, W. R. P.	G.	Patterson, H.	A.M.
Dickson, H. S.	G.			Reynolds, C. H.	A.M.
Donne, F. E. M.	A.M.	<b>Peterborough—</b>		Reynolds, E. W.	A.M.
Flockton, B. P.	M.	Brotherhood, S.	M.	Sperring, B. F.	A.M.
Fothergill, S. F. W.	A.M.	Dell, F. A. B.	A.M.		
Hodgson, W. J.	G.	Gale, R. H.	A.M.	<b>Potters Bar—</b>	
Hunt, W.	M.	Gill, C. A.	A.M.	Cook, J. W. D.	G.
Inchley, W.	A.M.	Peppercorn, A. H.	G.		
Meredith, J.	M.	Sinclair, H.	M.	<b>Prescot—</b>	
Paton, J. M. C.	M.	True, R. A.	M.	Tennant, J.	A.M.
Potter, W. H.	M.				
Robinson, T. H.	A.M.	<b>Petersfield—</b>		<b>Preston—</b>	
Robinson, Prof. W.	M.	Schurr, A. E.	M.	Adams, D.	A.M.
Ross, R. H.	A.M.			Bowman, H.	M.
Sheldon, H. C.	M.	<b>Pevensey Bay—</b>		Bowman, H. E.	A.M.
Smith, H. W.	A.M.	Knight, R. E.	G.	Brocklehurst, H. C.	A.M.
Smith, I.	M.			Conner, J.	M.
Smith, R. V.	A.M.	<b>Pinner—</b>		Dale, J. S.	A.M.
Taylor, W.	M.	Hall, B. J.	A.M.	Dryden, T.	M.
Turney, Sir J.	M.	Wright, E.	A.M.	Dryden, W.	A.M.
Wardle, F. H.	A.M.			Fewster, E. D.	A.M.
Westmoreland, J. W. H.	M.	<b>Plumstead—</b>		Foley, B. P.	A.M.
Wilson, J. C.	A.M.	Barber, W. E.	A.M.	Foster, J. Y.	M.
Wright, A. J.	G.	Croasdell, J. F.	A.M.	Gibbs, G. J.	M.
		Didden, F. G. J.	A.M.	Green, A. E.	M.
		Groundwater, W. C. P.	A.M.	Grimshaw, G. W.	M.
		Pirie, G.	M.	Hepworth, J. W.	A.M.
		Quinton, W. R.	A.M.	Hinchliffe, G. W.	A.M.
<b>Nuneaton—</b>		Spiller, C.	A.M.	Hind, R. F.	A.M.
Elliott, G. H.	A.M.	Turton, W. H.	M.	Moyle, E. C.	A.M.
				Newman, W. B.	A.M.
<b>Old Charlton—</b>		<b>Plymouth—</b>		Nixon, C. B.	A.M.
Binns, A.	M.	Back, A. C. L.	M.	Norris, W.	M.
Girdwood, W. W.	M.	Crocker, J.	M.	Ogden, S.	A.M.
McGill, J.	M.	Crossman, J. E. T.	A.M.	Robertson, G. W.	A.M.
Pope, A. P.	A.M.	Hodge, J.	A.M.	Seed, P. W.	G.
		Hoyte, P. S.	A.M.	Simpson, J. F.	M.
<b>Oldham—</b>		James, W. D.	G.	Spurrier, H.	M.
Broadbent, H.	A.M.	Johns, T. M. M.	A.M.	Wilkinson, J. W. F.	A.M.
Charlesworth, S.	M.	Lishman, J. J.	A.M.		
Dronsfield, J.	M.	Luke, R. M.	A.M.	<b>Purfleet—</b>	
Ferguson, R. M.	A.M.	Moon, E. R.	M.	Anderson, J. H.	A.M.
Hall, H. P.	M.	Reid, F. H.	G.	Barry, D.	M.
Lees, W.	M.	Rose, F. C.	G.		
Taylor, R. Jun.	M.	Rundall, Major C. F.	M.	<b>Purley—</b>	
Wallace, W.	A.M.	Warwick, Eng. Lt.	M.	Maw, A. E.	A.M.
Wilkinson, L. St. G.	A.M.	P. W.	A.M.	Young, T. K.	G.
<b>Old Hill, Staffs.—</b>		<b>Polegate—</b>		<b>Reading—</b>	
Partridge, C. F.	G.	Gwynne, J. E. A.	M.	Attack, A. M.	G.
				Björnstad, J.	M.
<b>Orpington—</b>		<b>Ponders End—</b>		Brown, W. L.	A.M.
Cole, C. E.	A.M.	Child, H. W.	A.M.	Carter, H. C.	A.M.
Pfeiderer, R. A.	G.			Craven, G. F.	A.M.
		<b>Poole—</b>		Routh, W. P.	M.
<b>Oswestry—</b>		Hall, S. Z.	M.	Sime, W.	M.
Colclough, E.	M.			Stedman, G. P. W.	A.M.
Darling, H.	A.M.	<b>Portland—</b>		Sutton, H. R.	A.M.
Jones, H. E.	M.	Baker, W. G.	A.M.	Walker, L. C.	A.M.
Woods, H.	A.M.				
		<b>Portsmouth—</b>		<b>Redditch—</b>	
<b>Oxford—</b>		Ashley, H.	M.	Smith, R. W.	M.
Jenkin, Prof. C. F.	M.	Ball, Eng. Comm.	M.	White, G.	A.M.
Lucy, W. T.	M.	R. H. C.	M.		
Swift, J. T. B.	A.M.	Brown, B. H.	A.M.	<b>Red Hill—</b>	
		Clutterbuck, H. C.	A.M.	Appleby, P. V.	M.
		Drake, Eng. Comm.	M.	Cook, F. W.	G.
<b>Parkstone—</b>		S. J.	M.	Hepworth, J. W.	M.
Andrews, H. G.	A.M.	Hart, W. H.	A.M.	Wordingham, C. H.	M.
Couard, C. A.	G.	Lester, N. H. R.	G.		

<b>Redruth—</b>			<b>Runcoorn—</b>			<b>Sheerness—</b>		
Jelbert, W.	A.M.		Allen, P. R.	M.		Grose, F. H.	A.M.	
<b>Reigate—</b>			Bourne, E. S.	A.M.		Hill, J.	A.M.	
Langton, A. R.	A.M.		Green, T.	A.M.		McCaffery, J.	A.M.	
<b>Richmond, Surrey—</b>			Timmins, E.	A.M.		Taylor, J. H.	A.M.	
Ellis, A. D.	M.		<b>St. Albans—</b>			<b>Sheffield—</b>		
Gibson, W. E.	A.M.		Bowden, G. R. H.	M.		Addy, G.	M.	
Jordan, F. W.	G.		Goodchild, F. S. B.	A.M.		Allen, W. E.	A.	
Trevithick, F. H.	M.		Peake, R. C.	A.		Barber, J. H.	A.M.	
Trimmell, L. C. B.	A.M.		Reynolds, O.	A.M.		Bardsley, J. C. G.	G.	
<b>Ringwood—</b>			<b>St. Anne's-on-Sea—</b>			Barker, J. H.	M.	
Armfield, J. H.	G.		Jackson, G. J.	A.M.		Barnes, A.	A.M.	
<b>Rochdale—</b>			Wade, W. R.	M.		Bashforth, A.	M.	
Brooke, H.	A.M.		<b>St. Helens, Lancs.—</b>			Benfield, J.	A.M.	
Butterworth, B.	G.		Cozens-Hardy, Hon.			Berry, F. L.	M.	
Gartside, V.	M.		E. H.	M.		Binns, H. V.	A.M.	
Harris, A. E.	A.M.		Gardiner, J.	A.M.		Blackwell, G.	A.M.	
Hawkins, T. W.	M.		Glover, R. B.	G.		Bland, F.	M.	
Kershaw, G.	A.M.		Hatch, W. A.	G.		Blythe, W. A.	A.M.	
Leach, G. B.	G.		Hawkins, E. T.	A.M.		Hatch, M.	M.	
Liebert, H. A.	M.		Hollingsworth, E. M.	M.		Browne, J. L.	G.	
Porritt, L. A.	M.		Johnson, H. W.	A.M.		Buckley, S.	M.	
Radcliffe, J. J.	A.M.		Smith, W.	M.		Burgen, F. H.	A.M.	
Robinson, C. J.	M.		Waldron, F. B.	A.M.		Burley, G. W.	A.M.	
Robinson, P. S.	A.M.		West, L.	M.		Capron, A. J.	M.	
Tweedale, J.	M.		<b>St. Ives, Hunts—</b>			Carnegie, W.	M.	
Williams, B. E.	M.		Thain, W. F.	A.M.		Carter, W.	A.M.	
<b>Rochester—</b>			<b>Salford—</b>			Christmas, E. B.	A.M.	
Aveling, T. L.	M.		Bates, H.	M.		Clealand, W.	M.	
Cave-Browne-Cave,			Brown, J. H.	A.M.		Cooper, H.	M.	
Squad. Commr. T. R.			Coventry, T.	A.M.		Corrin, H. R.	M.	
Daniel, W. H.	A.M.		Donovan, E. W.	M.		Cousin, A. N.	G.	
Holden, S. D.	M.		Etchells, T. W.	A.M.		Cowen, G. H.	M.	
<b>Romford—</b>			Gresham, H. E.	M.		Crookes, J. H.	A.M.	
Bryan, B. W.	M.		Kiernan, G.	M.		Crosland, J.	M.	
Chipperfield, W.	A.M.		Knowles, J. P.	A.M.		Davidson, A.	M.	
Clapham, J. P.	A.M.		Larmuth, J. H.	A.M.		Davy, B. J.	M.	
Goodyear, D. C.	A.M.		Larmuth, W. O.	M.		Dewhurst, J. H.	M.	
Wells, G. J.	M.		Mallinson, A. B.	M.		Drinnan, J.	M.	
Wilson, J.	M.		Morris, J.	M.		Edwards, T. H.	A.M.	
<b>Rotherham—</b>			Morris, J. A.	M.		Fawcett, P. W.	A.M.	
Allen, W. S.	A.M.		Shaw, John	A.M.		Fedden, S. E.	M.	
Badger, J. R.	A.M.		Shaw, P.	A.M.		Fenton, C. S.	G.	
Badger, S. A.	A.M.		Shawdown, J. H.	A.M.		Firth, A.	M.	
Baker, H. G.	A.M.		Woods, W. H.	M.		Flood, W. H.	A.M.	
Capon, C. B.	M.		<b>Salisbury—</b>			Foster, G.	A.	
Cross, E.	A.M.		Peckett, A.	A.M.		Foster, R. J.	A.M.	
Dyson, R.	M.		<b>Saltburn-by-the-Sea—</b>			Frost, G. H.	A.M.	
Jenkins, E. J.	A.M.		Hall-Brown, A.	G.		Fryer, T. J.	A.M.	
Moss, F. C.	A.M.		Kemp, A. V.	A.M.		Gardner, J. C.	M.	
Poulton, W.	A.M.		Richmond, W. P.	A.M.		Gillies, C. M.	G.	
<b>Rugby—</b>			<b>Sandwich—</b>			Gilling, A. H.	M.	
Briggs, E. R.	M.		Jones, J. C.	A.M.		Greaves, W.	A.M.	
Bull, T. P.	A.M.		<b>Scarborough—</b>			Grey, H.	A.M.	
Cooke, F. W.	A.M.		Snowdon, J. A.	M.		Hadfield, Sir R. A.	M.	
Cox, L. M. R.	A.M.		Westgarth, T.	M.		Harper, J.	A.M.	
Dall, H. D.	A.M.		<b>Seaford—</b>			Hatfield, W. H.	A.M.	
Dumas, R.	M.		Johnson, A.	M.		Hill, J. A.	M.	
Eyles, G. F.	G.		<b>Seaton, Devon—</b>			Hodgson, L. S.	G.	
Green, G. W. A.	A.M.		Terry, S. H.	M.		Hodgson, R. B.	M.	
Hemmings, H. F. L.	M.		<b>Selby—</b>			Holden, S. M.	A.M.	
Houston, T. R.	G.		Leek, A. E.	A.M.		Howell, C. E.	A.M.	
Larke, W. J.	A.M.		<b>Sevenoaks—</b>			Howell, E. E.	A.M.	
Levers, F. W.	A.M.		Hammond, W. J.	M.		Howell, S. E.	M.	
Mohanna, M. A.	G.		Humphrey, F. G.	A.M.		Hoyle, J. R.	M.	
Pocock, J. H.	M.		Humphrys, R. H.	M.		Hurd, M.	A.M.	
Prosser, N. L.	A.M.		<b>Sheerness—</b>			Hurst, J. H.	M.	
Shaw, F. W.	G.		Allen, P. R.	M.		Jack, J. H.	A.M.	
Wears, J. H.	A.M.		Bourne, E. S.	A.M.		Jackman, J.	A.	
			Green, T.	A.M.		Jeff, W.	A.M.	
			Timmins, E.	A.M.		Johns, C.	M.	
						Lash, H. W.	M.	
						Laycock, W. E.	A.M.	
						Laycock, W. S.	M.	

**Sheffield (cont.)—**

Little, J.	M.
Loving, H. C.	M.
McCallum, P.	G.
MacGregor, J.	M.
Marr, J.	A.M.
Mascall, A. E.	A.M.
Meggitt, S. N.	A.
Miller, W. T. W.	M.
Osborn, W. F.	G.
Palmer, A.	A.M.
Parker, L. D.	A.M.
Pigott, A.	A.M.
Preston, F. K.	M.
Radford, R. H.	M.
Ripper, Prof. W.	M.
Romans, A. H.	A.M.
Sanders, T. H.	A.M.
Sanderson, A.	A.M.
Sheel, H.	G.
Simpkin, F. H.	M.
Skinner, A.	M.
Snelgrove, E. C.	G.
Symonds, P. H.	A.M.
Thomas, J. F. I.	M.
Unwin, M. E.	A.M.
Vickers, T. E.	M.
Ward, J. C.	A.M.
Ward, W. A.	A.M.
Waring, H.	G.
Warlow, F. A.	M.
Wild, A. G.	M.
Williams, J. R.	A.M.
Willis, G. O. B.	A.M.
Wilson, C. A.	M.
Wilson, G.	A.M.
Winder, B. W.	M.
Xenaky, J.	A.M.
Yardley, W. H.	A.M.
Yerbury, H. E.	M.
Young, S. J.	M.

**Shipley—**

Calverley, V.	A.M.
Codling, J. H.	A.M.
Hinde, W. J.	A.M.
Parkinson, E.	A.M.
Polglase, A. H.	A.M.
Schofield, S. D.	M.
Schott, A. C. H. W.	G.

**Shrewsbury—**

Belton, C. M. D.	G.
Buckton, W. W.	M.
Carpmael, E.	M.
Johnston, C. M.	M.
Pulleine, J. J.	A.M.
Williams, W. D.	A.M.

**Sidecup—**

Farnham, W. A.	A.M.
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**Skipton—**

Schultz, G. C.	A.M.
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**Sleaford—**

Skinner, H. V.	G.
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**Slough—**

Bulkeley, G. V. O.	A.M.
Hibberd, F. C.	M.
Pope, W. W.	M.
Rendell, H. T.	G.
Secker, J. H.	A.M.
Wetherell, R. E. C.	A.M.

**Southall—**

Leach, H.	A.M.
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**Southampton—**

Baldwin-Wiseman, W. R.	A.M.
Beaton, H. J.	G.
Burnand, A. H.	A.M.
Coley, A. B.	M.
Cook, R. J.	M.
Crook, H. C.	A.M.
Dasher, E. H.	M.
Eaton, A. H.	A.M.
Gray, W. H.	A.M.
Hampton, J.	A.M.
Johnston, L.	A.M.
Parsons, H.	M.
Rabines, M. A.	G.
Tebbutt, S.	M.
Tremelling, H. T.	A.M.
Vokes, C. G.	G.
Wallau, F. P.	M.
Wimshurst, J. E.	M.

**Southend-on-Sea—**

Elford, E. J.	M.
Reid, J. A.	A.M.
Smail, C. G.	A.M.
Taylor, A.	A.M.

**Southport—**

Casson, R.	A.M.
Hobson, J. E.	M.
Lister, A. J.	A.M.
Stanley, H. F., Jun.	A.M.
Walker, J. S. A.	G.

**South Shields—**

Ellis, H. S.	A.M.
Readhead, R.	M.
Roseveare, L.	A.M.
Wilson, F. J.	A.M.
Wilson, R., Jun.	G.

**Sowerby Bridge—**

Milligan, W. S.	M.
Politt, E. E.	M.

**Stafford—**

Edwards, W. S.	A.M.
Pimm, A. W.	A.M.
Schiller, F. W.	M.
Valon, W. A. M.	A.M.
Walker, N. H.	G.
Young, J. R.	A.M.

**Staines—**

Simonds, W. T.	M.
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**Stalybridge—**

Baskerville, R. H.	A.M.
Bayliss, W.	M.
Cook, T.	M.
Hudson, W.	M.
Pickup, J. A.	A.M.

**Stamford—**

Blackstone, E. C.	M.
Carter, E.	A.M.
Carter, F.	A.M.
Hollowday, C. V.	G.
Price, F. L.	A.M.
Watts, R. E.	A.M.

**Stanmore—**

Royle, J. S.	G.
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**Steventon—**

Squire, G. F.	A.M.
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**Stockbridge, Hants—**

Tomkins, W. S.	M.
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**Stockport—**

Andrew, T.	A.M.
Bamford, F.	A.M.
Brown, C. A.	A.M.
Buck, G. F.	M.
Carter, F.	A.M.
Chorley, R.	A.M.
Cook, W. H.	M.
Craven, W. H. S.	M.
Davie, J. P.	A.M.
Day, C.	M.
Gandy, F.	M.
Hardman, F.	A.M.
Harlow, B. S.	A.M.
Hillhouse, J. P.	A.M.
Judd, J. H.	M.
Pemberton, A.	M.
Pullen, Prof. W. W. F. M.	M.
Rees, J. H. B.	A.M.
Rhodes, W. F.	A.M.
Richards, C. C.	G.
Shaw, W. C.	A.M.
Taylor, J.	M.
Whitehead, H. F. C.	M.

**Stockton-on-Tees—**

Beard, B.	M.
Dunn, M.	M.
Hamilton, H. P.	M.
Hodgson, R. B.	M.
Job, N. H.	A.M.
Mellanby, T. G.	G.
Newton, R.	A.M.
Rigby, H.	A.M.
Ringquist, J. M.	M.
Warner, A. W.	A.
Wrightson, Sir T.	M.

**Stoke-on-Trent—**

Adams, J. H.	M.
Bolton, E. J.	A.M.
Child, G. T.	M.
Freeman, W. W.	A.M.
Harrop, F. H.	M.
Hookham, J. A.	M.
Mitcheson, G. A.	M.
Stephens, H. G.	G.
Turner, J.	A.M.
Wallace, B.	A.M.

**Stonehouse, Glos.—**

Stotesbury, R. H.	A.M.
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**Stony Stratford—**

Hayes, E.	M.
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**Stourbridge—**

Attwood, J.	M.
Cleverly, W. B.	A.M.
Jones, W.	M.

**Stowmarket—**

Carter, J. A.	A.M.
Tibbenham, L. J.	A.M.

**Stroud, Glos.—**

Higgins, E. P.	A.M.
Jones, S. G.	M.
Kimmins, E. R.	A.M.
King, H. J. H.	M.
Oxley, J. H. W.	A.M.
Platt, F. J.	M.
Sargeant, E. F.	M.
Smith, T. G.	M.

**Sturminster Newton—**

Maclagan, R.	M.
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<b>Sunbury—</b> Chapman, Eng. Lt. D. M.	Lt. A.M.	<b>Thames Ditton—</b> Grantham, J. A. Viney, H.	G. A.M.	<b>Wakefield—</b> Bailey, D. G. Beever, L. Blakey, J. Childe, H. S. Close, H. A. Dalby, W. E. Derbyshire, J. Green, Sir E. Lofthouse, W. Pain, T. A. Richards, W. J. Sells, M. P. Trigle, S. E. Webb, T. H. Williams, C. T.	M. G. A.M. M. M. A.M. A.M. M. A.M. A.M. A.M. G. G. M. A.M.
<b>Sunderland—</b> Blackman, A. S. Clark, H. Coneslant, L. D. Dale, J. Dickinson, J. C. Doxford, R. P. Graham, T. Keller, K. O. Simpson, W. Strachan, A. Thompson, R. C. Willcox, H. W.	M. M. A.M. M. M. M. A.M. M. M. A.M. M. M.	<b>Thetford—</b> Burrell, C. Wilson, A. H. Wilson, E. M. Wilson, W. C.	M. G. A.M. M.	<b>Wallingford—</b> Duvall, C. A. Wilson, D. E.	M. A.M.
<b>Surbiton—</b> Harris, R. H. King, H. C. Rought, C. Wrinch, H. E. H.	M. A.M. M. M.	<b>Thirsk—</b> Lomas, G. A.	A.M.	<b>Wallington—</b> Evans, F. E. Hutt, A. C. Kershaw, H.	M. A.M. A.M.
<b>Sutton, Surrey—</b> Raffety, S. R. Robins, G. M. Wool, T. Young, W.	A.M. M. M. A.M.	<b>Thorpe Bay, Essex—</b> Rayner, J. M.	A.M.	<b>Wallsend—</b> Cullen, W. H. Hunter, S. Pritchard, L. H.	M. M. M.
<b>Sutton-on-Sea—</b> Brennand, J.	G.	<b>Tilbury—</b> Hibbert, J. P. M. Laird, A. O.	A.M. A.M.	<b>Walmer—</b> Gledhill, C. Robinson, I. V.	G. G.
<b>Swaffham—</b> Allen, F.	M.	<b>Tipton—</b> Best, A., Jun. Carrington, G. Howl, E. Lindop, W. Parker, J. Tranter, W. J. Turley, T. Whitehouse, G. H.	G. M. M. A.M. A.M. A.M. M. A.M.	<b>Walsall—</b> Beech, A. Boys, S. J. Howie, H. A. Jones, S. D. Mercer, G. H. Owston, W. H. Walker, J. G.	A.M. A.M. A.M. A.M. A.M. M. M.
<b>Swindon—</b> Browne, W. R. Burrows, G. H. Churchward, G. J. Dimmack, A. Gadd, W. Hogarth, W. J. King, H. C. Maslin, E. S. Rodda, H. C. Shepherd, J. H. Stanier, W. A. Thomas, L. R. Tindle, S. P. Williams, W. H. Wright, F. G.	M. M. M. A.M. M. A.M. M. A.M. A.M. A.M. M. M. G. M. M.	<b>Tiverton—</b> Williams, W. H.	M.	<b>Waltham Cross—</b> Williams, E. J. Williams, H. L.	A.M. A.M.
<b>Tamworth—</b> Williams, N. C.	A.M.	<b>Torquay—</b> Ball, W. F. Coombes, T. Gray, T. L.	A.M. A.M. M.	<b>Walton-on-Thames—</b> Hill, A. T. Hill, J. K. Yerbury, F. A.	G. M. M.
<b>Taunton—</b> Craven, J. E. H. Kay, C. H.	A.M. A.M.	<b>Totnes—</b> Harvey, Sir R.	M.	<b>Wareham—</b> Sanguinetti, V.	M.
<b>Tavistock—</b> Rosevere, R. G.	A.M.	<b>Totteridge—</b> Newman, W. H.	A.M.	<b>Warrington—</b> Atherton, T. Bleckly, J. J. Brearley, F. T. Houghton, W. H. Locker, T. C. Massey, E. Monks, F. W. Ogden, R. W. Perks, T., Jun. Shaw, W. M. Taylor, A. E.	A.M. M. M. A.M. G. A.M. M. A.M. A.M. A.M. G.
<b>Teddington—</b> Batson, R. G. C. Bramwell, F. H. Brewer, E. G. Chapman, L. Hyde, J. H. Thompson, J. A.	A.M. G. M. M. A.M. A.M.	<b>Towbridge—</b> Colborne, T. Haden, C. I. Haden, W. N.	M. M. M.	<b>Warwick—</b> Lakin-Smith, C. Orcutt, H. F. L. Young, S. J.	M. M. G.
<b>Teignmouth—</b> Dawson, H. de B.	A.M.	<b>Tunbridge Wells—</b> Crowther, H. Jones, F. R. Pownall, J. E. Salomons, Sir D. L. Torpy, R. N.	A.M. M. A.M. A. A.M.	<b>Watford—</b> Allen, C. E. Blackburn, J. Cridlan, J. L. Paramor, J.	A.M. M. A.M. M.
<b>Tewkesbury—</b> Alder, G. F. Walker, W. P.	A.M. A.M.	<b>Ulverston—</b> Kendall, R.	A.M.		
		<b>Uplminster—</b> Brierley, N. H.	A.M.		
		<b>Uxbridge—</b> Bishop, R. Carter, A. Heaton, T. T. Poole, R.	A.M. A.M. M. A.M.		
		<b>Wadebridge—</b> Cardew, C. E.	M.		

<b>Wednesbury—</b>		<b>Whitchurch—</b>		<b>Wolverton—</b>	
Guyatt, D. J.	A.M.	Tooms, J. G.	A.M.	Abbott, A. E.	A.M.
Horton, L. W.	A.M.			Mason, C. L.	A.M.
Micklewright, W.	M.	<b>Whitehaven—</b>		<b>Woolburn—</b>	
Parsons, H. W.	A.M.	Hogarth, L. B.	A.M.	Harris, W. R. A.	A.M.
Platt, F.	M.	<b>Whitley Bay—</b>		<b>Woolwich—</b>	
Platt, I.	M.	Brodie, E. D.	G.	Arundel, F. D.	A.M.
Smallman, H. S.	M.	Cowens, W. E.	M.	Barber, G. A.	A.M.
Spencer, T. H.	M.	Deane, G. I. N.	A.M.	Brodie, G. W.	M.
Standley, G. A.	A.M.	Pyne, F. D.	A.M.	Cattell, W. H. G.	A.M.
<b>Wellingborough—</b>		<b>Widnes—</b>		Cully, W. F.	A.M.
Fish, S. R.	M.	Gaskell, H., Jun.	A.M.	Dean, F. W. C.	M.
Harrison, E. Y.	A.M.	Lea, H. W.	G.	Donaldson, Sir H. F.	M.
Mather, G. R.	M.	Swinton, E.	G.	Edwards, R. G.	G.
<b>Wellington, Salop—</b>		Williams, J.	A.M.	Elliott, J. R.	G.
Kendal, A. B.	A.M.	<b>Wigan—</b>		Evans, A. L.	G.
<b>Wellington, Somerset—</b>		Carter, A. E.	A.M.	Hall, A. H.	M.
Sparkes, S. H.	M.	Cotsworth, H. G.	A.M.	Hartley, R. F.	M.
<b>Wembley—</b>		Percy, F.	A.M.	Humphries, A.	A.M.
Begbie, S. D.	M.	Ross, J.	M.	Hutchins, F. H.	A.M.
Clench, E. C. S.	A.M.	Walker, E. R.	M.	Lyddon, G. E.	A.M.
Evans, J. H.	A.M.	Walker, J. S.	M.	Roberts, G. H.	M.
Evans, J. H. B.	G.	<b>Winchester—</b>		Severs, J.	M.
Hulme, W.	A.M.	Head, H. C.	M.	Singer, C. A.	G.
Kennedy, S. S.	A.M.	Wells, G. M.	G.	Travis, H.	M.
<b>West Bromwich—</b>		<b>Windsor—</b>		Tripp, G. W.	M.
Bunn, C. W.	A.M.	Holden, P.	A.M.	Turner, F.	M.
Gurmin, E. W.	A.M.	Sainty, C.	M.	Wheatley, L. J. T.	A.M.
James, A. A.	A.	Taylor, E.	M.	<b>Wootton Bridge—</b>	
Kenrick, Sir G. H.	M.	Willis, G.	A.M.	Chatfeild Clarke, L.	M.
Kenrick, J. A.	M.	<b>Winscombe—</b>		<b>Worcester—</b>	
Poultney, E. C.	A.M.	Garrard, G. M.	M.	Abell, C. E.	A.M.
Smith, P. P. O.	A.M.	<b>Winsford—</b>		Harrison, C. W.	A.M.
Webb, H.	A.M.	Malcolm, G. W.	M.	Hinchliff, J. A.	A.M.
<b>West Drayton—</b>		<b>Witney—</b>		Lindley, H.	M.
Goodman, J.	A.M.	Young, H. W.	A.M.	Scott-Lindsley, H. L.	A.M.
Thorne, H. H.	A.M.	<b>Woking—</b>		Shaw, C. M.	M.
<b>Westgate-on-Sea—</b>		Homan, H.	M.	Spooner, A.	A.M.
Quine, F. C.	A.M.	Johns, J. H.	M.	<b>Worcester Park—</b>	
<b>West Hartlepool—</b>		<b>Wokingham—</b>		Stanbury, L. O.	G.
Angles, J. W.	A.M.	Walker, R. H.	A.M.	<b>Workington—</b>	
Appleyard, F.	M.	<b>Wolverhampton—</b>		Armstrong, S.	G.
Clarke, J. C.	M.	Bechtel, R. C.	A.M.	Chamberlain, H.	A.M.
Duthie, H.	G.	Berrington, E. E. W.	M.	Price, J.	M.
Gibb, M. S.	M.	Bryce, W. E.	M.	Sharp, R.	M.
Williams, J. B.	M.	Crosse, E.	G.	Williamson, R.	M.
<b>Weston-super-Mare—</b>		Dumbell, J. B.	A.M.	<b>Wrotham—</b>	
Gardiner, G. C. W.	A.M.	Edwards, E. H.	G.	Bowker, A. F.	M.
Woodward, R.	G.	Fellows, T. E.	A.M.	<b>Wymondham—</b>	
<b>Weybridge—</b>		Froggatt, F.	M.	Hovell, H. E.	A.M.
Anderson, H. W.	M.	Jones, C. H.	G.	<b>Yeovil—</b>	
Bax, H. E. L.	A.M.	Kislingbury, J. W. A.	A.M.	Clarke, A. V.	M.
Caton, C. R.	G.	Leach, R. W.	A.M.	Petter, P. W.	M.
Morrison, R. P.	M.	Lindsley-Sims, A. W.	M.	<b>York—</b>	
Sharpley, R.	A.M.	Peyton, W. C.	A.M.	Bedford, J.	A.M.
Wright, F.	A.M.	Podesta, J. J.	A.M.	Dow, J. W.	M.
<b>Weymouth—</b>		Price, A. E.	A.M.	Fleet, E. F.	A.M.
Jones, F. M.	M.	Robinson, J. A.	M.	Fryer, F. G.	A.M.
Marshall, W. H. U.	A.M.	Rosevere, G. R.	M.	Gibbs, J. E.	A.M.
Powell, E. B.	A.M.	Smith, D.	M.	Jockel, L. M.	G.
Vine, Eng. Lt. H.	A.M.	Stubbs, H.	A.M.	Smeddle, J. H.	M.
<b>Whitby—</b>		Thompson, S. J.	M.	Wilkie, G. M.	A.M.
English, Lt.-Col. T.	M.	Trench, W. C. P.	A.M.		
Habell, F. S.	A.M.	Twentyman, H. E.	M.		
Mitchell, J.	M.				

## IRELAND.

<b>Athy—</b>		<b>Dalkey—</b>		<b>Larne—</b>	
Bergin, J. J.	A.M.	Moores, J.	A.M.	Ross, C.	A.M.
<b>Aughnacloy—</b>		<b>Dublin—</b>		Sutherland, J.	A.M.
Akerlind, G. F.	A.M.	Baird, D. G.	M.	<b>Letterkenny—</b>	
<b>Ballymoney—</b>		Britton, J. W.	M.	Fleming, S. H.	G.
Bradshaw, G. T. M.	M.	Challenger, G. R.	A.M.	<b>Limerlek—</b>	
<b>Belfast—</b>		Clegg, T.	A.M.	Dutton, C. H.	A.M.
Blackburn, A. A.	M.	Clifford, C.	M.	Elliott, C.	A.M.
Bramwell, B.	M.	Conyngham, E. K.	A.M.	Lee, S. E.	M.
Brown, A. W.	A.M.	Cronin, R.	M.	<b>Londonderry—</b>	
Burke, T. N.	A.M.	Crosthwait, J. L.	A.M.	Sutcliffe, I.	M.
Chambers, R. M.	M.	Cusack, H. E.	M.	<b>Maryborough—</b>	
Clarke, T.	A.M.	Fradley, H. T.	A.M.	Vanston, J. M.	A.M.
Cuming, G.	M.	Geoghegan, S.	M.	<b>Moate—</b>	
Davidson, J. S.	M.	Goodeve, T. E.	M.	Goodbody, R.	M.
Davidson, S. C.	M.	Hignett, A. H.	M.	<b>Monkstown, Co. Dublin—</b>	
Eckford, J. W.	A.M.	Hogg, W.	G.	FitzGerald, M. F.	M.
Elliott, G.	M.	Holliday, J.	M.	<b>Mullingar—</b>	
Evans, W.	A.M.	Hutchinson, G. V. V.	A.M.	Thorpe, C. W.	A.M.
Ferguson, W. D.	M.	Jeffcott, H. H.	M.	<b>Newry—</b>	
Grant, D. J.	A.M.	Johnson, G. K.	G.	Hardy, W.	M.
Grant, W.	A.M.	Kennan, W. T.	A.	<b>Portadown—</b>	
Howard, J.	M.	Kettle, L. J.	M.	Edwards, J. G. B.	A.M.
Hurst, C. B.	A.M.	L'Estrange, A. H. C.	M.	<b>Queenstown—</b>	
Kingsmill, V. H.	G.	Lilly, W. E.	M.	Elvy, T. E.	M.
Kirkwood, J. E.	M.	MacGarvey, H.	M.	Loxdale, J. J. H.	A.M.
Knox, R. G.	A.M.	Mathews, P. E.	A.M.	<b>Raheny—</b>	
MacColl, H.	M.	Morton, W. H.	M.	Cairnes, F. E.	M.
Malcolm, B.	M.	Murphy, L.	A.	<b>Rathdrum—</b>	
Moore, T. L.	M.	Prideaux, F. G.	A.M.	Comerford, E.	A.M.
Nicholson, H. P.	M.	Ross, W.	M.	<b>Stranorlar—</b>	
Pratten, W. J.	M.	Smythe, A. T.	A.M.	Livesey, R. M.	M.
Reynolds, W. F.	M.	Spence, A. W.	M.	<b>Waterford—</b>	
Riddell, H.	M.	Thorpe, R.	A.M.	Barney, L. W.	A.M.
Travers, E. J.	M.	Wakefield, W.	M.	<b>Wicklow—</b>	
Vernon, H.	A.M.	Warren, F. F.	M.	Crofton, E. V. M.	G.
Williams, J. L.	A.M.	Wayte, H.	A.M.		
		Wayte, J. B.	A.M.		
<b>Bessbrook—</b>		<b>Dundalk—</b>			
Dowell, H.	A.M.	Denniss, A. W.	M.		
<b>Cork—</b>		Glover, G. T.	M.		
Fearnley, G. W.	A.M.	Williams, D. J.	M.		
Gray, G. M.	M.	<b>Fort Dunsee—</b>			
Grindley, Dr. J. H.	M.	Anderson, S. D.	G.		
McBride, J. S.	A.M.	<b>Enniscorthy—</b>			
Price, J.	M.	Davis, T. J.	A.M.		

## SCOTLAND.

<b>Aberdeen—</b>		<b>Aberdeen (cont.)—</b>		<b>Ayr—</b>	
Adams, A. J.	G.	Robertson, D.	M.	Marshall, R.	A.M.
Aitken, J.	A.M.	Shinnie, P. N.	A.M.	Murray, W. R.	A.M.
Bell, J. A.	M.	Stormont, P. C.	M.	Sommerville, A.	A.M.
Coutts, D. A.	A.M.	Thomson, J. W.	A.M.	<b>Bellshill—</b>	
Ewen, J. T.	M.	<b>Airdrie—</b>		Steele, R. M.	G.
Graeme, A. W. S.	A.M.	Chisholm, J.	M.	<b>Carlisle—</b>	
Groundwater, A. G.	A.M.	Wilson, J.	A.M.	Smith, J. T.	A.M.
Horne, Prof. A. R.	A.M.	<b>Alloa—</b>		<b>Carron—</b>	
Jackson, W.	M.	Singleton, S. M.	A.M.	Hamilton, T. F.	A.M.
Kennedy, W.	A.M.	<b>Arbroath—</b>			
MacKinnon, A.	A.M.	Fraser, P.	M.		
Mitchell, G.	A.M.				
Mowat, T.	M.				
Nicol, R. G.	M.				



<b>Coatbridge—</b>		<b>Glasgow—</b>		<b>Glasgow (cont.)—</b>	
McGregor, J.	A.M.	Adams, P. W.	A.M.	MacBrayne, L.	A.
Paterson, R.	A.M.	Aitken, H. W.	M.	Macdonald, J.	M.
Smith, J.	M.	Alley, S. E.	M.	McGuffie, H. A.	M.
<b>Corstorphine—</b>		Anderson, J.	A.M.	McIntyre, J. H. A.	M.
Wight, J. T.	A.M.	Arnold, A. A.	A.M.	MacIntyre, N.	M.
<b>Dumbarton—</b>		Arnot, W.	M.	Mackie, W.	M.
MacQueen, J.	M.	Aspin, J.	M.	MacKie, W. A.	M.
Paul, M.	M.	Bain, W. N.	M.	McNeil, J.	M.
<b>Dumfries—</b>		Barclay, A. W.	M.	Mellanby, Prof. A. L.	M.
Rigby, T.	M.	Barman, H. D. D.	M.	Menzies, J.	M.
<b>Dunblane—</b>		Barr, Prof. A.	M.	Millar, J.	M.
Robertson, H.	A.M.	Baxter, G. H.	M.	Millar, T.	M.
<b>Dundee—</b>		Baxter, P. M.	M.	Millar, W. P.	A.M.
Anderson, J. K.	M.	Beale, S. R.	M.	Miller, J. W.	A.M.
Cole, H.	A.M.	Beardmore, Sir W.	M.	Morley, T. B.	A.M.
David, G. C.	A.M.	Boyd, J. W.	M.	Mowbray, A. H.	A.M.
Douglas, G. C.	M.	Brown, B. H.	A.M.	Mowl, H. S.	A.M.
Douglas, Prof. A. H.	M.	Brown, J. P.	A.M.	Munro, H.	M.
Greig, J. S.	M.	Brown, R. M.	A.M.	Munro, R. D.	M.
Lindsay, R.	M.	Browning, G.	A.M.	Neilson, R. M.	M.
Low, W.	M.	Buckwell, G. W.	M.	Nesbitt, A. W.	M.
McCall, D.	M.	Bulwer, E. H. E.	M.	Ness, G.	M.
MacDonald, D. J.	M.	Burgess, F. W.	A.M.	Norris, R. N. B.	A.M.
McGregor, W.	A.M.	Burns, J. A.	M.	Pickering, J.	M.
McNicoll, W.	A.M.	Caldwell, P. S.	A.M.	Reid, A. T.	M.
McPherson, J.	A.M.	Campbell, J. W.	A.M.	Reid, H.	M.
Murray, P. B.	M.	Campbell, W. W.	M.	Reid, James	M.
Orr, C. R.	M.	Cartmell, J. M.	A.M.	Reid, John	M.
Parsons, T. G.	A.M.	Chalmers, J. R.	A.M.	Richardson, J. S.	M.
Richardson, H.	M.	Clark-Neill, J.	A.	Richmond, J. R.	M.
Sturrock, J. F.	A.M.	Clarkson, J.	A.M.	Robertson, A. M.	A.M.
Sumner, G. G.	A.M.	Coates, J.	A.M.	Robson, A.	A.M.
<b>Edinburgh—</b>		Cochrane, J.	M.	Rogerson, T. B.	M.
Andrews, F. E.	A.M.	Cook, G. N.	M.	Royds, R.	A.M.
Arnold, W.	M.	Cormack, Prof. J. D.	M.	Salmond, H.	A.M.
Beare, Prof. T. H.	M.	Cotton, C. C. C.	M.	Scott, R.	A.M.
Berry, T.	A.M.	Couper, S.	M.	Shanks, W.	M.
Bloor, E. H.	A.M.	Cowie, J. R.	A.M.	Sharp, J.	M.
Bruce, A. C. A.	G.	Dixon, J.	A.M.	Shepherd, F. J.	G.
Clark, T. A.	M.	Dixon, W.	M.	Singh, P.	G.
Clarkson, C.	M.	Drummond, G. W.	M.	Smith, U. V.	A.M.
Colam, W. N.	M.	Duckworth, C. L. D.	G.	Spence, W. L.	M.
Crawford, G. W.	M.	Dudgeon, H. A.	M.	Stewart, G.	M.
Dodds, A. F.	A.M.	Dudin, H. W.	M.	Stewart, J.	M.
Frew, D. B.	A.M.	Duncan, G. T.	M.	Thomson, J.	M.
Fripp, S.	M.	Duncan, W. J.	G.	Tullis, D. K.	M.
Gibbons, W. G.	M.	Ford, H. H.	M.	Turnbull, A.	M.
Gordon, W.	A.M.	Forster, A. L.	M.	Urie, W. M.	M.
Gray, J.	M.	Fulton, N. O.	M.	Warden, K. W.	A.M.
Guest, E. G.	A.	Gibson, G. H.	M.	Watson, H. A.	A.M.
Guthrie, T.	A.M.	Gillespie, J.	M.	Watson, J.	A.M.
Kaye, H.	A.M.	Goudie, R.	M.	Weir, W.	M.
Purves, W. T.	A.M.	Hamilton, W. D.	M.	White, W. A.	A.M.
Shearer, W.	A.M.	Harland, H. P.	M.	Whyte, K. M.	G.
Smith, J. W.	M.	Harvey, R.	M.	Wilson, W. H.	M.
Stanfield, Prof. R.	M.	Harvey, R.	A.M.	Wood, R. G.	M.
Sutherland, D.	A.M.	Henderson, R.	A.M.	Young, G. A.	M.
Thomson, G.	M.	Holloway, J.	A.M.	Young, J. D.	A.
Todd, J. B.	A.M.	Home-Morton, D.	M.	Young, J. G.	A.M.
Wainwright, W. H.	A.M.	Houghton, G. O.	A.M.	Young, T.	M.
White, J. D.	A.M.	Jacks, T. W. M.	M.	<b>Greenock—</b>	
Wood, R. T.	G.	Jackson, H. D.	M.	Blake, M.	M.
<b>Errol—</b>		Johnson, A.	M.	Graham, W.	M.
Moody-Stuart, A.	M.	Jones, J. W. L.	A.M.	Park, P. M.	A.M.
<b>Falkirk—</b>		Kirby, E. J.	A.M.	Smart, R. H.	M.
Robertson, G. F.	M.	Knox, R.	A.M.	<b>Hawick—</b>	
Robertson, R. S.	G.	Lackie, W. W.	M.	Patrick, A.	A.M.
<b>Gartsherrie—</b>		Laird, S. M.	A.M.	<b>Invergordon—</b>	
Strathern, A. G.	M.	Lang, R.	M.	Corbett, A. J.	M.
		Lawson, F. M.	A.M.	<b>Inverness—</b>	
		Lemkes, C. R. L.	A.	Porter, E. W.	A.M.
		Longbottom, Prof. J. G.	M.		
		Lorimer, A. S.	M.		



<b>Cardigan—</b> Mathews, W. E. M.	<b>Merthyr Tydvil—</b> Hughes, F. A.M.	<b>Pontypridd—</b> Sprague, J. E. A.M. Swain, E. H. A.M. Thomas, A. L. M.
<b>Carmarthen—</b> Isaac, G. B. A.M.	<b>Mold—</b> Buddicom, H. W. M.	<b>Port Dinorwic—</b> Pritchard, H. M.
<b>Carnarvon—</b> Hayes, J. M.	<b>Morrison—</b> Jenkins, D. N. A.M.	<b>Portmadoc—</b> Isaac, M. T. A.M.
<b>Chwilog—</b> Ellis, M. I. W. A.M.	<b>Mountain Ash—</b> Harliss, W. L. A.M.	<b>Port Talbot—</b> Hertz, A. H. M. Richards, F. A.M. Roberts, H. J. M.
<b>Clydach, Glam.—</b> Edleston, A. E. A.M. Hawkins, H. C. A.M. Ratchiffe, H. E. A.M.	<b>Newport, Mon.—</b> Abraham, G. A.M. Couper, J. D. C. M. Gibson, H. F. H. A.M. Howell, A. E. A.M. Ingram, A. H. A.M. Pearson, T. W. M. Stevens, A. J. M. Stow, G. A.M. Townend, S. M. Watkins, A. G. A.M.	<b>Rhondda, Glam.—</b> Davies, J. S. A.M. Jones, C. L. M.
<b>Colwyn Bay—</b> Cottrell, S. B. M. Mitchell, T., Jun. A.M. Neil, A. M.	<b>New Quay, Card.—</b> Lloyd, R. M.	<b>Rhyl—</b> Price, J. B. M.
<b>Ebbw Vale—</b> Mills, F. M.	<b>Pembroke Dock—</b> Morrell, Lieut. G. M. A.M.	<b>Ruabon—</b> Allan, A. B. A.M. Berkeley, T. D. A.M. Cunliffe, W. W. A.M. Phillips, O'M. F. A.M.
<b>Ferryside—</b> Blaikie, J. N. A.M.	<b>Penarth—</b> Edwards, H. F. M. Reynolds, B. A.M. Wrightson, W. P. M.	<b>Swansea—</b> Benson, H. K. A.M. Davies, W. D. A.M. Dayson, W. O. M. Drury, H. J. H. A.M. Higgs, W. G. A.M. Hill, T. A.M. Jackson, J. A.M. Morgan, F. J. A.M. Noot, W. W. A.M. Peel, C. E. M. Prüsmann, C. A. L. A.M. Roberts, T. A.M.
<b>Garnant—</b> Beanland, H. A.M.	<b>Penrhiwceiber—</b> Cryer, T. B. G.	<b>Wrexham—</b> Pickvance, W. G. A.M.
<b>Goodwick—</b> Bolton, H. A.M.	<b>Penrhyndeudraeth—</b> Kellow, M. M.	
<b>Gorseinon—</b> Butler, J. M.		
<b>Llandudno—</b> Farrington, C. F. A.M.		
<b>Llanelly—</b> Burn, A. J. H. M. Rees, A. C. A.M. Stevenson, J. J. M. Thomas, R. B. M.		

## CHANNEL ISLANDS.

<b>Guernsey—</b> Atherton, E. S. A.M.	<b>Jersey—</b> Robin, F. A. G. M. Sayer, A. E. M.
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## NAVAL ENGINEERS,

## ON FOREIGN SERVICE (EXCLUSIVE OF THOSE AT HOME).

Andrew, Eng. Comm. G. E. M.	Hall, Eng. Comm. W. B. M.	Nicholson, Eng. Lt. J. B. M.
Clarke, Eng. Lt. G. P. A.M.	Hamilton, Eng. Lt. J. M.	Paffett, Eng. Lt. W. F. G.
Cooke, Eng. Lt. S. W. A.M.	Harold, Eng. Lt. Commr. H. F. M.	Pudner, Eng. Lt. W. H. A.M.
Damant, Eng. Lt. Commr. W. S. M.	Hugill, Eng. Lt. R. C. A.M.	St. Legier, Eng. Lt. A. S. de A.M.
Gordon, Eng. Lt. Commr. H. H. A.M.	Lewis-Heath, Eng. Lt. Commr. F. J. M.	Skelton, Eng. Comm. R. W. M.
Green, Eng. Commr. D. P. M.	Malan, Eng. Lt. L. de M. A.M.	Skilling, F. G. A.M.
	Marshall, Eng. Comm. F. W. M.	Start, Eng. Lt. S. P. M.
		Venning, Eng. Lt. A. J. A.M.

## FOREIGN COUNTRIES.

## AFRICA.

<b>ALGERIA—</b>					
<b>Algiers—</b>					
Griffith, T. H.	M.				
<b>Bougie—</b>					
Thomas, H. B.	M.				
<b>BELGIAN CONGO—</b>					
<b>Kinshasa—</b>					
Gavin, N. A.	A.M.				
<b>BRIT. EAST AFRICA—</b>					
<b>Chania Bridge—</b>					
Cook, J.	M.				
<b>Jinga—</b>					
Holl, W. E.	M.				
<b>Kilifi—</b>					
Chivell, W. R.	A.M.				
<b>Nairobi—</b>					
Bremner, B. L.	G.				
Hayes, M. W.	G.				
Hirtzel, C. H. A.	A.M.				
Le Pla, F. G. R.	A.M.				
Millett, C. W.	A.M.				
Nevill, W. E.	M.				
Price-Williams, S. W. M.	M.				
<b>CANARY ISLANDS—</b>					
<b>Las Palmas—</b>					
Barba, A. G.	A.M.				
Hay, J. A.	M.				
<b>CAPE COLONY—</b>					
<b>Calitzdorp—</b>					
Garratt, R. J.	A.M.				
<b>Cape Town—</b>					
Anderson, P.	M.				
Barlow, C. R.	A.M.				
Beatty, H. M.	M.				
Cartwright, I. R.	G.				
Clunas, J. W. S.	A.M.				
Cochrane, J.	A.M.				
Cooper, H. C.	A.M.				
Corben, W. G. A.	G.				
Gearing, H. C.	A.M.				
Gibbs, J. H.	M.				
Hemer, W. H.	A.M.				
Hendry, R. B.	M.				
McMillan, D.	A.M.				
Oakden, R. B.	A.M.				
Perry, T. W. W.	M.				
Pickering, F.	M.				
Shaw, C. F.	A.M.				
Stephenson, A. H.	M.				
Tanfield, R.	A.M.				
Weaver, W. G.	A.M.				
Wright, F. C.	A.M.				
<b>Craddock—</b>					
Newman, R. W.	M.				
<b>East London—</b>					
Baynes, F. W.	M.				
Murray, H. H.	A.M.				
Ringrose, A.	A.M.				
Westley, A. W.	M.				
<b>Grahamstown—</b>					
Morrison, F. T.	M.				
<b>Hankey—</b>					
Hawkins, J. C.	A.M.				
<b>Kalk Bay—</b>					
Hambly, J.	M.				
<b>Kimberley—</b>					
Berry, W.	A.M.				
Coleridge, H. H.	A.M.				
Harbottle, J.	M.				
Hogg, J. T.	A.M.				
MacLennan, H. V.	A.M.				
Richards, J. G.	A.M.				
Simpson, H.	A.M.				
Watson, A. G.	A.M.				
<b>Middleburg—</b>					
Keegan, G. H.	A.M.				
<b>Oudtshoorn—</b>					
Castle, F.	A.M.				
Wertheim, M.	A.M.				
<b>Port Elizabeth—</b>					
Bishop, W. G.	M.				
Mangold, C. A.	A.M.				
Sankey, B.	M.				
<b>Stellenbosch—</b>					
Hamlin, E. J.	A.M.				
<b>Tarkastad—</b>					
Miller, H. W.	M.				
<b>Zwartkops—</b>					
Allison, O.	M.				
<b>EGYPT—</b>					
<b>Alexandria—</b>					
Alderson, C. A. H.	M.				
Alderson, G. A.	M.				
Alderson, G. B.	M.				
Blagden, H. R. C.	M.				
Cross, S. D.	M.				
Elsworth, J. F.	M.				
Hitchcock, G. E. W.	G.				
Lamb, F. S.	M.				
Tennant, A. M.	A.M.				
<b>Atbara—</b>					
Longfield, Capt. W. E.	M.				
<b>Bir-Hooker—</b>					
Paterson, W.	A.M.				
<b>Cairo—</b>					
Austin, J. M.	M.				
Baker, A.	A.M.				
Bowden-Smith, E. O. M.	C. M.				
Creagh, E. R. A.	A.M.				
Dale, T. J.	G.				
Davis, H. W.	M.				
Dewidar, M. F.	G.				
Fendian, A. A.	A.M.				
Fletcher, W. C.	M.				
Gibbons, J. W.	A.M.				
Grant-Morris, W. H.	A.M.				
Lawford, A. N.	A.M.				
McCrae, W. A.	A.M.				
<b>Cairo (cont.)—</b>					
Maudslay, J.	A.M.				
Montague, G.	M.				
Nosrat, M. R.	G.				
Oakes, Sir R. L.	M.				
Peach, C. E. C.	A.M.				
Sayer, S.	A.M.				
Sibbald, T. K.	M.				
Smith, T. H.	M.				
<b>Damanhour—</b>					
Black, G. L.	A.M.				
<b>Delta Barrage—</b>					
Marr, W. K.	A.M.				
<b>Esneh—</b>					
Higgs, H. J.	A.M.				
<b>Giza—</b>					
Omar, A. M.	A.M.				
Shearer, W. V.	M.				
<b>Helouan—</b>					
Drewitt, G. D.	M.				
Moharram, M. A. E. L. G.	G.				
<b>Kafr-el-Cheikh—</b>					
Sidahmed, M. S.	G.				
<b>Khartoum—</b>					
Addison, F.	A.M.				
Claxton, H.	A.M.				
Fawkes, R. E. F.	A.M.				
Rhodes, S. O.	A.M.				
Smith, R. B.	G.				
Williams, J. E.	A.M.				
<b>Port Said—</b>					
Haswell, J. F.	A.M.				
<b>Sohag—</b>					
Saad-el-Dine, A. F.	G.				
<b>Suez—</b>					
Spinks, J. J.	A.M.				
<b>Tantah—</b>					
Langton, J. M. E.	M.				
<b>Zagazig—</b>					
Peacock, J. B.	A.M.				
<b>MADEIRA—</b>					
Maclean, J. B.	M.				
Marsden, C. H.	M.				
<b>MAURITIUS—</b>					
<b>Port Louis—</b>					
Dykes, A. J.	M.				
<b>Rose Belle—</b>					
Collingridge, W. B.	A.M.				
<b>NATAL—</b>					
<b>Durban—</b>					
Gray, J. W.	A.M.				
Hall, J. C.	M.				
Hearn, C. H.	M.				
Hudson, G.	M.				
Lea, J. T.	A.M.				
MacGregor, J., Jun.	A.M.				
MacNay, A.	M.				

<b>Durban (cont.)—</b>		<b>TRANSVAAL—</b>		<b>Middelburg—</b>	
Miine, W.	M.	<b>Benoni—</b>		Begbie, W.	A.M.
Neal, J. H.	A.M.	Smyth, G. M.	M.	Mackintosh, R. D.	A.M.
Partington, J. S.	G.	<b>Boksburg—</b>		<b>Nylstroom—</b>	
Titren, G. E. de K.	A.M.	Pittar, A. V.	A.M.	France, C. R.	A.M.
Whitmee, H. B.	A.M.	<b>Johannesburg—</b>		<b>Potchefstroom—</b>	
<b>Hillary—</b>		Alexander, W.	A.M.	Cleghorne, W. S. H.	A.M.
Barr, A. C.	G.	Andrews, G. S. B.	M.	<b>Premier Mine—</b>	
<b>Pietermaritzburg—</b>		Bayley, J. P.	A.M.	Pack, A. E.	M.
Duncan, W.	M.	Briggs, H.	M.	<b>Pretoria—</b>	
Stobie, G.	M.	Burden, A. G.	A.M.	Donnelly, J.	A.M.
White, E. B.	A.M.	Calder, W.	M.	Kanthack, F. E.	M.
<b>Port Natal—</b>		Cannon, R.	A.M.	<b>Wolmaransstad—</b>	
Shadwell, L. H. A.	A.M.	Clayden, H. W.	A.M.	Thorpe, H. T. E.	A.M.
Thomson, G.	M.	Cowell, J. R.	M.	<b>WEST COAST—</b>	
<b>Tongaat—</b>		Cruddas, W. J.	A.M.	<b>Abeokuta—</b>	
Murray, J.	A.M.	Daintree, T. E.	M.	Barwick, H. J.	A.M.
<b>Umbogintwini—</b>		Davis, J. H.	M.	<b>Accra—</b>	
Udal, J. P.	M.	Davis, C. R. S.	A.M.	McLaren, H.	A.M.
<b>NYASALAND—</b>		Denham, J.	M.	Pettit, C. W.	M.
<b>Livingstonia—</b>		Dobson, J. H.	M.	<b>Akassa—</b>	
Chalmers, A. S.	A.M.	Dowson, R. M.	A.M.	Lee, L. J.	G.
<b>ORANGE RIVER COLONY—</b>		Dutton, F. H.	A.M.	<b>Calabar—</b>	
<b>Bloemfontein—</b>		Fowler, P. M.	M.	Frankau, G. N.	A.M.
Reid, F.	A.M.	Furnivall, W. H. G.	A.M.	<b>Dakar—</b>	
<b>RHODESIA—</b>		Goffe, E.	A.M.	Day, F. D.	A.M.
<b>Bulawayo—</b>		Hosken, R.	M.	<b>Freetown—</b>	
Begbie, S. S.	A.M.	Ingham, W.	M.	Espeut, R. W. A.	A.M.
Fletcher, H. C.	M.	Jones, R.	A.M.	<b>Ibadan—</b>	
Furness, R. L.	A.M.	Laity, H. T.	A.M.	Hornby, C.	A.M.
Houseman, C. L.	M.	Linscott, A. B.	A.M.	<b>Ibi—</b>	
Hynd, J.	M.	McLaren, W. A.	M.	Copley, H.	G.
Issels, H. G.	G.	Middleton, H. H.	M.	<b>Lagos—</b>	
Jeffreys, R. R. V.	A.M.	Newman, A. D.	A.M.	Allison, W. F. D.	A.M.
Johnson, G.	A.M.	Orr, Prof. J.	M.	Anson, J. A.	A.M.
Macdonald, J. R.	A.M.	Potter, H. S.	M.	Bonell, T. H. M.	M.
Parker, J. E.	M.	Reunvost, A. T.	A.M.	Bressey, C. E.	M.
Schofield, F. J.	A.M.	Reunert, T.	M.	Carr-Gomm, M. C.	A.M.
Uttley, E. A.	A.M.	Reynolds, H.	M.	Greenshields, C. D.	A.M.
<b>Gwelo—</b>		Ritchie, A. M.	A.M.	Henderson, W.	A.M.
Weston, R. O.	A.M.	Shermer, H. L.	A.M.	Hewson, C. L. B.	M.
<b>Insza—</b>		Smith, S.	M.	Lumley, G.	M.
Groves, M.	A.M.	Snow, W. R.	A.M.	Owen-Griffiths, W.	A.M.
<b>Salsbury—</b>		Stigant, G. A.	A.M.	Smith, E. T.	M.
Epton, W. M.	M.	Stokes, F. T.	M.	<b>Port Harcourt—</b>	
Warton, R. G. F.	A.M.	Stowe, G. S.	M.	Discombe, A. H.	G.
<b>Umtali—</b>		Sturrock, F. C.	A.M.	Holmes, R. B. W.	M.
Brooks, G.	A.M.	Swindells, H. C.	A.M.	Otway-Ruthven,	
Gibson, K. J.	G.	Templer, H. L.	M.	T. O. B.	A.M.
Hollingsworth, F.	A.M.	Tester, W. A.	M.	<b>Sekondi—</b>	
Hosgood, W. J.	M.	Tweedy, A. C.	M.	McJarrow, T.	A.M.
Methuen, J. A.	A.M.	Vaughan, J. A.	M.	Morrison, J. S.	M.
Robson, G.	M.	Way, E. J.	M.	Smith, S. W.	A.M.
		West, F. B.	A.M.		
		Wilson, L. H.	A.M.		
		Wolstenholme, W.	M.		
		Yule, J. A.	M.		
		<b>Kinross—</b>			
		Tracy, H. W.	A.M.		
		<b>Krugerdsorp—</b>			
		Begbie, T.	A.M.		
		<b>Magaliesberg—</b>			
		Legg, O. S.	G.		

## AMERICA (CENTRAL).

<b>BRITISH HONDURAS—</b>	<b>Minatitlan—</b>		<b>Grenada—</b>	
<b>Stann Creek—</b>	Bayley, F. J.	A.M.	McQueen, J. C.	M.
Allison, W. E.	A.M.			
	<b>Tampico—</b>		<b>Jamaica—</b>	
<b>GUATEMALA—</b>	Thomas, G. A.	A.M.	Aitken, R. R.	A.M.
<b>Pantaleon—</b>			Griggs, W. J.	M.
Forsyth, W.	A.M.			
	<b>WEST INDIES—</b>		<b>Porto Rico—</b>	
<b>MEXICO—</b>	<b>Antigua—</b>		Graham, R.	M.
<b>Merida—</b>	Dew, J. T.	A.M.	Thomson, D. L.	A.M.
Empson, A. W.	A.M.			
	Stretch, C. K.	A.M.		
<b>Mexico City—</b>	<b>Barbados—</b>		<b>St. Lucia—</b>	
Bennett, P. M.	McLaren, W.	M.	Harris, W. A.	A.M.
Carter, H. F.	Rodger, J. B.	A.M.		
Gelling, J. W.	Simpson, D. G.	A.M.		
Russell, F. W.	Simpson, N. de L.	A.M.		
Ward, A. M.			<b>Santo Domingo—</b>	
Wicks, G. H.	<b>Cuba—</b>		Steel, T. J.	A.M.
Williams, A.	Keyworth, T. E.	M.		
	Knight, G. E.	A.M.	<b>Trinidad—</b>	
	Knight, W. E.	M.	Bruce, F. T.	A.M.
	Murehison, K.	A.M.		
	Pettit, H. C.	G.		

## AMERICA (NORTH).

<b>BRIT. N. AMERICA—</b>	<b>Lachine, Q.—</b>		<b>Schumacher, Ont.—</b>	
<b>British Columbia—</b>	Perrin, A. T.	A.M.	Mills, J. A.	M.
Anderson, H.			<b>Timmins, Ont.—</b>	
Bailey, H. C.	<b>Lethbridge, Alb.—</b>		Watson, J. C.	A.M.
Bayfield, H. A.	Pearson, V.	G.		
Birkett, P.			<b>Toronto—</b>	
Bramwell, E. C.	<b>London, Ont.—</b>		Dowson, E. C. H.	A.M.
Brockley, C. W.	Petrie, P.	A.M.	Duff, P. J.	A.M.
Conway, G. R. G.			Engholm, F. G.	A.M.
Creer, A. D.	<b>Longueuil, Q.—</b>		Haggas, W. S.	A.M.
Cuttell, J. H.	Humm, G. H.	A.M.	Hill, A. G.	A.M.
Donaldson, J.			Lynden-Lester, A.	A.M.
Du Cane, C. G.	<b>Moncton, N.B.—</b>		Mienville, A. L.	A.M.
Duncan, M. G.	Joughins, G. R.	M.	Roberts, C. D.	A.M.
Jefferson, H. F.			Webster, A. G.	A.M.
Kay, J. D.	<b>Montreal—</b>		<b>Wabana, N.F.—</b>	
Layard, A. R.	Aldworth, E. H.	A.M.	Lindsay, W.	A.M.
Lewis, P. A.	Brown, F. A.	G.		
Macdonald, W. R.	Cronk, N. T.	A.M.	<b>Welland, Ont.</b>	
Maclean, W. E.	Gibbons, N. B.	A.M.	Carnegie, E.	A.M.
Martin-Davey, W.	Hoult, W.	A.M.		
Mathieson, W.	Jenkins, D. W.	G.	<b>Winnipeg—</b>	
Pollock, C. A.	Johnson, L. R.	M.	Beetham, H. S.	A.M.
Robertson, R. A.	Lawson, J. C. S.	A.M.	Collinson, F. E.	A.M.
Spink, R. J.	Lloyd, T. B.	G.	Sherwin, J. W.	A.M.
Stern, S. L.	Newill, G. E.	A.M.		
Stewart, C.	Parry, C. W.	A.M.	<b>UNITED STATES—</b>	
Sweatman, H.	Redpath, F. R.	M.	<b>Akron, O.—</b>	
Thomson, W. G. H.	Skinner, G.	A.M.	Smith, T. J.	A.M.
Tomkins, J. A.	Swan, A. D.	M.	<b>Alliance, O.—</b>	
Waithman, W.	Vaughan, H. H.	M.	Moore, G. E.	M.
Walkem, G. A.	Vyall, L. E.	G.	<b>Beloit, Wis.—</b>	
Woodhams, P. P.	Wallis, H.	M.	Atkinson, C. J.	M.
	<b>Ottawa—</b>		<b>Brooklyn—</b>	
<b>Calgary—</b>	Cleave, A. H. W.	M.	Colbourne, J., Jun.	A.M.
Jackson, R. C.	Treanor, W. C.	A.M.	<b>Buffalo, N.Y.—</b>	
			Thomas, H. K.	M.
<b>Campbellford, Ont.—</b>	<b>Pense, Sask.—</b>		<b>Burnham, Pa.—</b>	
Mackintosh, J.	Staveley, D. D.	A.M.	Fry, L. H.	M.
			<b>Cambridge—</b>	
<b>Edmonton, Alb.—</b>	<b>Regina, Sask.—</b>		Leavitt, E. D.	M.
Dalkin, G. R.	Elborne, E. M.	A.M.		
	<b>St. Lambert, Q.—</b>			
	Clarke, J. E.	A.M.		

<b>Camden, N.J.—</b>		<b>Kewanee, Ill.—</b>		<b>Plainfield, N.J.—</b>	
Johnson, F.	A.M.	Quirke, E. D.	A.M.	Morgan, L. H.	M.
Lindsay, W. J.	A.M.	<b>Leominster, Mass.—</b>		<b>St. Louis, Mo.—</b>	
<b>Chestnut Hill—</b>		Redfern, C. J.	A.M.	Thornton, H. H.	A.M.
Ramsbottom, J. G.	M.	<b>Little Boar's Head, N.H.—</b>		<b>San Francisco—</b>	
<b>Chicago—</b>		Jaques, Capt. W. H.	M.	Whyte, J. B.	A.M.
Burge, R. L.	A.M.	<b>Los Angeles—</b>		<b>Schenectady—</b>	
Clark, A. B.	A.M.	Chaffey, G.	M.	Booth, J. L.	A.M.
Hunt, R. W.	M.	Probert, E.	A.M.	Hobart, H. M.	M.
Lawrence, J. J. R.	A.M.	<b>Middlesbrough—</b>		<b>South Framingham—</b>	
McDonald, W.	A.M.	Bartlett, J. H.	M.	Butcher, J. J.	M.
Spurling, O. C.	M.	<b>New York—</b>		<b>Springfield, Vt.—</b>	
Widdicombe, R. A.	A.M.	Behr, H. C.	M.	Hartness, J.	M.
<b>Cleveland—</b>		Goldingham, A. H.	M.	<b>Upland, Cal.—</b>	
Clegg, R. I.	A.M.	Green, G. A.	A.M.	Hislop, D. B.	A.M.
Parry-Jones, R.	M.	Hart, C. F.	M.	<b>Washington—</b>	
Powell, C. S.	A.M.	Hart, F.	M.	Candler, A. V. B.	A.M.
Swasey, A.	M.	Hasendahl, W.	A.M.	<b>Watchung, N.J.—</b>	
<b>Detroit—</b>		Loud, H. S.	M.	Herschmann, A. J.	M.
White, D. M.	A.M.	McKee, N. T.	A.M.	<b>Westminster, Vt.—</b>	
<b>Dixon, Ill.—</b>		Megirian, J. J.	A.M.	Sandaljian, B.	A.M.
Price, W. J.	A.M.	Platt, Capt. R. E.	A.M.	<b>Wilkesburg, Pa.—</b>	
<b>East Orange, N.J.—</b>		Poignand, F. N.	A.M.	Bumpus, F. A.	A.M.
Kilgour, M. H.	M.	Rogers, E. N. C.	A.M.	White, P. J.	G.
Mawson, R.	A.M.	Schwanhausser, W.	M.	<b>Youngstown, O.—</b>	
<b>Fresno Co., Cal.—</b>		Seewald, C. C.	A.M.	Charnock, J. A.	A.M.
Purchas, A. W.	A.M.	White, J. W.	A.M.	<b>HAWAII—</b>	
<b>Harrison, N.J.—</b>		<b>Palo Alto—</b>		Williams, J. N. S.	M.
Thomson, A. M.	A.M.	Eckart, Prof. W. R.	M.		
<b>Hartford, Conn.—</b>		<b>Paterson, N.J.—</b>			
London, W. J. A.	A.M.	Williams, D. T.	A.M.		
		<b>Philadelphia—</b>			
		Suttill, A. G.	G.		

## AMERICA (SOUTH).

<b>ARGENTINE REP.—</b>		<b>Buenos Aires (cont.)—</b>		<b>Cordoba—</b>	
<b>Alta Gracia—</b>		Goddard, W. H.	A.M.	Morton, G. E.	M.
Jackson, C. L. H.	G.	Grant, P.	M.	<b>Entre Rios—</b>	
<b>Bahia Blanca—</b>		Greaven, A. A.	M.	Burbush, G. H.	A.M.
Anthony, C., Jun.	M.	Greaven, L.	M.	Coulton, I. B.	A.M.
Bruce, D. C.	A.M.	Hamilton, A. G.	A.M.	Lyons, R. E. B.	M.
<b>Banfield—</b>		Haymes, C.	A.M.	Manington, D. C.	A.M.
Roscoe, E. B.	A.M.	Hicken, T.	M.	<b>Jujuy—</b>	
<b>Buenos Aires—</b>		Hinde, G.	M.	Moffat, D.	M.
Abella, J.	A.M.	Ievers, E. F.	M.	<b>Junin—</b>	
Arteaga, A. de	M.	Jackson, R. M.	A.M.	Fraser, S. R. C.	A.M.
Bow, J.	A.M.	Kyle, R. A.	A.M.	Langdon, D. E.	A.M.
Bruce, J. G.	A.M.	Lagrange, F. A.	A.M.	<b>Martinez—</b>	
Carosio, G.	A.M.	Lander, P. V.	M.	Gutierrez, R. J.	A.M.
Cooper, V.	A.M.	McCallum, W. A.	A.M.	<b>Mendoza—</b>	
Crow, A.	A.M.	Marty, E.	M.	Dawbarn, R. P.	A.M.
Cruickshank, F. G.	W.	Mattick, V. A.	A.M.	<b>Monte Caseros—</b>	
Cuthbert, F.	A.M.	Maves, H.	A.M.	Ridgway, G.	M.
Donaldson, J. A.	A.M.	Moffatt, F. A.	A.M.	<b>Parana—</b>	
Durnford, T. J.	A.M.	Nixon, W. F.	M.	Robinson, C. J.	G.
Fernandez, R.	A.M.	Pinsent, S. H.	M.	<b>Pergamino—</b>	
Gall, J.	M.	Procter, C. G.	A.M.	Davis, F.	A.M.
Garrett, E.	A.M.	Saccaggio, P. C.	A.M.	<b>Quilmes—</b>	
Gee, T. J.	M.	Shackleford, A. N.	A.M.	Flordi, J. J.	M.
		Simpson, L. S.	A.M.	Marty, F.	A.M.
		Walker, H. E.	M.		
		Walker, J. B.	A.M.		
		Wood, T. R.	M.		
		York, F. C.	M.		

<b>Rosario de Sta. Fé—</b>		<b>Rio de Janeiro—</b>		<b>Pisagua—</b>	
Crouch, J. P.	M.	Edwards, A. H.	G.	Ambler, R. V.	M.
Moir, D.	A.M.	Mattos, A. G. de	G.	<b>Punta Arenas—</b>	
Montgomery, C. H.	M.	Petiz, J. A.	M.	Clarkson, W. A.	A.M.
<b>Santos Lugares—</b>		Santos, A. V. dos	G.	<b>Santiago—</b>	
Milne, E. N.	A.M.	Sutton, M.	M.	Wallis, W. J.	G.
<b>Villa Maria—</b>		Whichello, R.	G.	<b>Taltal—</b>	
Smith, F. S.	A.M.	Wood, H.	A.M.	Elliott, S. H.	M.
<b>Zarate—</b>		<b>Santos—</b>		<b>Tocopilla—</b>	
Poekels, W. H. A. F.	G.	Hardwicke, J. A. V.	A.M.	Tuker, W. E. S.	G.
<b>BOLIVIA—</b>		Harling, W.	A.M.	<b>Vallenar—</b>	
<b>Chorolque—</b>		Michael, H.	A.M.	Haywood, A. R.	A.M.
Smith, J. F.	M.	<b>São Paulo—</b>		<b>Valparaiso—</b>	
<b>BRAZIL—</b>		Goodier, F.	M.	Anstey, H. C.	M.
<b>Bahia—</b>		Hillman, C. R.	M.	Beaver, J. R.	M.
Hamilton, G. J.	A.M.	Hillman, M. J.	A.M.	Brameld, P.	A.M.
Lacerda, A. C. de	M.	McIntyre, C.	A.M.	Chiff, T. P. B.	A.M.
<b>Ceara—</b>		Ribeiro, S.	A.M.	McDonald, N.	A.M.
Dallal, H. C.	G.	Sheldon, W. J.	M.	Morrison, W. L.	M.
How, S. M.	G.	Stewart, J. C.	G.	Nice, P. S.	M.
<b>Maceio—</b>		<b>Victoria—</b>		Slight, G. H.	M.
Davies, F. D.	A.M.	De Aguirre, O. C.	G.	<b>FALKLAND ISLANDS—</b>	
<b>Manãos—</b>		<b>BRIT. GUIANA—</b>		<b>Stanley—</b>	
Forbes, G. R.	A.M.	<b>Berbice—</b>		Baseley, R. B.	A.M.
<b>Mariano Procopio—</b>		Parratt, W. H.	M.	<b>PERU—</b>	
Molynoux, W.	A.M.	<b>Demerara—</b>		<b>Arequipa—</b>	
<b>Morro Velho—</b>		Broughton, A. C.	A.M.	Dalzell, H. E.	A.M.
Davies, J. E.	A.M.	Buck, E. C.	M.	Forga, A.	A.M.
Hawkins, T. S.	A.M.	Gemmel, J. W.	A.M.	<b>Callao—</b>	
<b>Natal—</b>		Maggs, C. J.	A.M.	Hair, C. L.	M.
Beit, R. O.	G.	Pudsey, F.	A.M.	Hird, R. T.	A.M.
Salway, A. D.	A.M.	Stirling, A. G.	A.M.	<b>Lima—</b>	
<b>Para—</b>		Walker, W. A.	A.M.	Chadwick, G. H.	A.M.
Binns, W.	M.	White, A. F.	M.	<b>Trujillo—</b>	
Menezes, A. G. de	A.M.	<b>Konawaruk—</b>		Powell, L. H.	A.M.
Nicoll, H. H.	M.	Henderson, J.	A.M.	<b>URUGUAY—</b>	
North, J. F.	M.	<b>CHILE—</b>		<b>Monte Video—</b>	
<b>Pernambuco—</b>		<b>Antofagasta—</b>		Halstead, J. H.	M.
Andrews, G. L.	M.	Bower, C. O.	A.M.	Ingouville, P.	A.M.
Cardozo, F. C. de M.	M.	Gavey, A.	A.M.	McReddie, C. E. B.	M.
Chalmers, J.	M.	Jupp, W. D. L.	A.M.	Seaton, A. E.	A.M.
Chivers, F. E.	A.M.	Mayne, J. G.	A.M.	<b>VENEZUELA—</b>	
Cooper, A. G. W. I.	A.M.	Robarts, H. P.	A.M.	<b>Aroa—</b>	
Graham, E.	A.M.	Wells, W.	A.M.	Fuller, G. E.	A.M.
Jones, G. R. W.	A.M.	<b>Chuquicamata—</b>		<b>Maracaibo—</b>	
Keyms, T. B.	M.	Walker, C. H.	G.	Reynolds, G. B.	M.
Young, G.	A.M.	<b>Coronel—</b>		<b>Puerto Cabello—</b>	
		Browne, R. H.	A.M.	Langdon, H. A. W.	A.M.
		<b>Iquique—</b>			
		Beven, A. N.	M.		
		Buttle, D. C.	M.		
		Hunter, G. M.	M.		
		Love, R. T.	M.		
		Nicholls, J. M.	M.		
		Ord, J. T.	A.M.		
		Vallat, H. H.	A.M.		



## ASIA.

<b>ARABIA—</b>			
<b>Aden—</b>			
Berridge, H.	M.		
<b>BORNEO—</b>			
<b>Sarawak—</b>			
Scott, J.	M.		
<b>BRIT. N. BORNEO—</b>			
<b>Jesselton—</b>			
Allsop, J. W. K.	A.M.		
Ashton-Pryke, C. F.	A.M.		
<b>Labuan—</b>			
Roberts, E.	M.		
<b>Lahad Datu—</b>			
Ingate, G. J. A.	A.M.		
<b>Sandakan—</b>			
Johnston, A.	M.		
<b>BALUCHISTAN</b>	} See India.		
<b>BURMA</b>			
<b>CEYLON</b>			
<b>CHINA—</b>			
<b>Canton—</b>			
Adams, F. R. J.	A.M.		
Thompson, J. J.	A.M.		
Thorne, G. S.	A.M.		
<b>Changsha—</b>			
Cockburn, G. W.	A.M.		
<b>Dairen, Manchuria—</b>			
Keable, A. H.	A.M.		
<b>Hankow—</b>			
Kwong, Wong	M.		
March, H.	A.M.		
<b>Hong Kong—</b>			
Anderson, A. L.	A.M.		
Beilken, B. J.	M.		
Butterfield, W. A.	A.M.		
Dalziel, J.	M.		
Dixon, R. C.	A.M.		
Lane, A.	A.M.		
Macdonald, D.	M.		
Macdonald, J.	M.		
Nelson, C. C.	A.M.		
Smith, Prof. C. A.	A.M.		
Tulip, W.	A.M.		
<b>Lincheng—</b>			
Kwang, K. Y.	M.		
<b>Mukden—</b>			
Mallett, A. H.	A.M.		
<b>Peking—</b>			
Corbae, G. H. van	M.		
McGregor, S. W. B.	M.		
Sillar, A. R.	M.		
<b>Shanghai—</b>			
Aldridge, T. H. U.	M.		
Blagden, A. H.	A.M.		
Buchanan, G.	A.M.		
Campbell, K. W.	A.M.		
Dyer, W. S.	A.M.		
Hall, J. E.	A.M.		
Hearson, H. R.	M.		
<b>Shanghai (cont.)—</b>			
Henderson, F. W.	A.M.		
Houfe, W. W.	M.		
Hutchison, P.	A.M.		
Kerfoot, J.	M.		
Loewe, D. L.	A.M.		
Norman, E. G.	A.M.		
Piteairn, F. B.	A.M.		
Rielly, P.	A.M.		
Skidmore, T. E.	A.M.		
Spicer, G. R.	G.		
Thomson, J. C.	A.M.		
Williams, R. A.	A.M.		
<b>Taku—</b>			
Gaston, A. B.	M.		
<b>Tientsin—</b>			
Cochrane, Major			
T. H.	M.		
Cruickshank, G. S.	A.M.		
Gilchrist, J. A. R. G.	A.M.		
Knowles, G. S.	A.M.		
Stewart, C. D.	A.M.		
<b>Woosung—</b>			
Dunstan, E. J.	M.		
<b>INDIA—</b>			
<b>Agra—</b>			
Patel, H. R.	A.M.		
<b>Ahmedabad—</b>			
Divecha, R. N.	M.		
Divecha, T. M.	A.M.		
Wadia, A. D.	A.M.		
<b>Ajmer—</b>			
Addis, F. H.	G.		
Clayton, J. A.	M.		
Fraser, W. S.	A.M.		
Godson, E. H.	A.M.		
<b>Aligarh—</b>			
Firbank, S.	A.M.		
<b>Allahabad—</b>			
Bonar, J.	A.M.		
Pitkeathly, J. S.	A.M.		
Thomson, H.	A.M.		
<b>Alleppey—</b>			
Baker, M. A.	G.		
<b>Amritsar—</b>			
Ashford, J.	M.		
<b>Anuradhapura—</b>			
Malthus, R.	A.M.		
<b>Arkonam—</b>			
Tench, J. A.	A.M.		
<b>Aruvankadu—</b>			
Hull, J. H.	M.		
Price, R.	A.M.		
<b>Asansol—</b>			
Eyers, C.	A.M.		
Flatt, L. N.	A.M.		
<b>Avinigudda—</b>			
Roberts, W. P.	A.M.		
<b>Baldyabaty—</b>			
Banerjee, A. C.	G.		
<b>Bandikui—</b>			
Garrett, R. S.	A.M.		
<b>Bangalore—</b>			
Aiengar, K. S.	A.M.		
Arunachelayar, T. K.	A.M.		
Chandrashekaraiya,			
H. R.	G.		
Chatterton, A.	M.		
<b>Bankipur—</b>			
Walford, F.	M.		
<b>Barakur—</b>			
Tariton, E. S.	A.M.		
<b>Bareilly—</b>			
Bruce, C. W.	A.M.		
<b>Baroda—</b>			
Patel, R. M.	A.M.		
Thaker, S. H.	G.		
<b>Beawar—</b>			
Marsland, F.	A.M.		
<b>Benares—</b>			
Waddell, A.	A.M.		
<b>Bezwada—</b>			
Cranswick, C. T.	A.M.		
<b>Bhavnagar—</b>			
Blaggrave, J. W. B.	M.		
Mirza, P. D.	A.M.		
<b>Bilaspur—</b>			
Izat, J. H.	A.M.		
<b>Bombay—</b>			
Amor, C. T.	A.M.		
Aspden, H. L.	A.M.		
Baker, Prof. P. M.	A.M.		
Bale, J. H. F.	M.		
Bell, A. M.	M.		
Bennett, H. B.	A.M.		
Bigg-Wither, L.	M.		
Broadhurst, F. A.	G.		
Cable, G. P.	A.M.		
Carruthers, R.	M.		
Chandabhoy, S. N.	A.		
Chowna, P. D.	A.M.		
Christiansen, A. G.	M.		
Christiansen, A. G.,			
Jun.	A.M.		
Clarke, G. G.	M.		
Cuny, T.	A.M.		
Cutbill, E. H. E.	G.		
Dadabhoy, C.	M.		
Dadabhoy, H. R.	A.M.		
Dadina, H. M.	M.		
Dawson, Prof. T. S.	M.		
Elton, E. F.	A.M.		
Everett, G. E.	A.M.		
Gahagan, R. H.	A.M.		
Gawthorne, W. A.	M.		
Gibson, G. A.	M.		
Gosford, A. T.	A.M.		
Harrison, F.	M.		
Harwood, E. M.	G.		
Hayward, R. D.	G.		
Head, G. B. D.	G.		
Heath, J. F.	M.		
Hick, B.	A.M.		
Hubbell, R. S.	A.M.		

<b>Bombay (cont.)—</b>		<b>Calcutta (cont.)—</b>		<b>Cawnpore—</b>	
Huffam, W. T. C.	A. M.	Craig, R. G.	A. M.	Alexander, J. G.	A. M.
Johnson, P. H.	A. M.	Donald, A.	A. M.	Vick, F. H.	M.
Knowles, J.	M.	Easton, R. S.	A. M.	<b>Chalakudi—</b>	
Kohler, F.	A. M.	Ellis, J., Jun.	A. M.	Wynyard-Wright,	
Longworth, A. E.	A. M.	Elton, S. G.	M.	V. L. A. M.	
Macdonald, J. V.	M.	Evans, D. E.	M.	<b>Chittagong—</b>	
MacIntosh, D. R.	M.	Everett, W. H.	M.	Hawkins, R. S. M.	
Malone, P.	A. M.	Fish, J. W. B.	A. M.	James, A. M.	
Manfield, W. G.	A. M.	Forbes, W. G. L. S.	M.	<b>Chupra—</b>	
Mansfield, O.	A. M.	Galloway, J.	A. M.	Bull, E. J. A. M.	
Marshall, N. M.	A. M.	George, J. M.	A. M.	<b>Coimbatore—</b>	
Mathews, A. R.	A. M.	Gupta, J. K. D.	A. M.	Barrett, C. E. M. A. M.	
Minnitt, J. A.	A. M.	Harrison, Major G. H. M.	A. M.	<b>Colombo—</b>	
Montagu, A. M. R.	G.	Hendry, C. A. J.	A. M.	Benzie, J. G. A. M.	
Murray, G. W.	A. M.	Houston, R.	A. M.	Boak, W. M.	
Murray, H. R.	A. M.	Ironside, W. A.	A. M.	Bradley, G. T. M.	
Page, F. J.	M.	Jacob, H. F. D.	A. M.	Burnett, W. R. M.	
Patel, A. K.	M.	Kettle, C. H. P.	A. M.	Cox, W. T. A. M.	
Paterson, J. J. C.	A. M.	King, Prof. C. A.	A. M.	Creasy, H. T. A. M.	
Pearce, W. R.	M.	Lawton, R. W.	A. M.	Donkin, H. J. A. M.	
Pearson, J.	M.	Leslie-Bredée, G.	A. M.	Fench, F. C. A. M.	
Powell, A.	A. M.	Limpus, A. E. J.	M.	Gill, J. H. W. M.	
Quennell, Capt. W. A. M.	A. M.	Lucy, A. J.	M.	Gray, J. A. M.	
Robinson, A. E.	A. M.	MacKirdy, J. H.	M.	Heap, G. H. G.	
Ross, F. G.	A. M.	MacLeod, N.	A. M.	Hoare, H. J. A. M.	
Shroff, A. B.	M.	Mathews, E. G. D.	A. M.	Howard, C. F. A. M.	
Smith, H. J. T.	M.	Matravers, F. G.	A. M.	Hutson, C. A. A. M.	
Sorabji, S.	M.	Mertens, J. T.	M.	Hyde, G. H. M. M.	
Stokes, I. W.	M.	Metcalfe, H. F.	M.	Jayawardena, T. G. W. A. M.	
Taylor, N.	M.	Morris, R. H.	M.	Jinasena, C. A. M.	
Thompson, E. W.	A. M.	Mosden, F. C.	M.	Johnson, S. B. G.	
Tipnis, G. K.	A. M.	Moslyan, W. M.	M.	Jolliffe, C. H. A. M.	
Underhill, R. S.	A. M.	Muggeridge, H. C.	A. M.	Milne, R. A. A. M.	
Wadia, N. N.	M.	Noble, G.	A. M.	Morris, R. G. G.	
Walke, C. N. E.	M.	Nowell, V. F.	A. M.	Pearson, A. A. M.	
Warwick, W.	A. M.	Panton, W. D.	A. M.	Percy, H. L. M.	
Webb, R. G.	M.	Pepper, W. R.	A. M.	Unsworth, H. G. M.	
Weir, D. C.	G.	Phillips, W.	A. M.	<b>Cooch Behar—</b>	
Williams, A. E.	A. M.	Pooley, J. P. F.	A. M.	Nandi, K. C. A. M.	
Williamson, A. E.	A. M.	Porritt, P. B.	A. M.	<b>Cowtheram—</b>	
Willis, Capt. G. H.	M.	Pursey, H. S.	A. M.	Stephens, C. V. G.	
Wise, G. M.	A. M.	Redding, F. C.	A. M.	<b>Darjeeling—</b>	
Wood, H. A.	A. M.	Rickie, A. J.	A. M.	Garner, G. R. W. A. M.	
Yates, D. R. M.	A. M.	Riviere, P. L.	A. M.	Robertson, G. P. M.	
<b>Borjuli—</b>		Robson, J.	A. M.	<b>Delhi—</b>	
Witherington, C. H. A. M.		Rolfe, J. H. H.	M.	Adie, A. E. M.	
<b>Borsad—</b>		Rose, G. F.	A. M.	Dawson, R. C. A. M.	
Patel, M. B. A. M.		Ruffle, C. F. S.	G.	<b>Digboi—</b>	
<b>Budge Budge—</b>		Ruffle, F. F.	M.	Avent, B. S. A. M.	
Manuel, C. O. A. M.		Russel, J.	A. M.	<b>Dindigal—</b>	
<b>Cachar (see Silchar).</b>		Simpson, J. A.	M.	Middleton, B. M. A. M.	
<b>Calcutta—</b>		Sinclair, H.	A. M.	<b>Doom Dooma—</b>	
Abbott, A. H.	M.	Stark, H. R.	M.	Court, N. A. M.	
Adams, R. P.	A. M.	Steele, W. B.	M.	<b>Fyzabad—</b>	
Ash, W. C.	A. M.	Stevenson, W. L.	A. M.	Watts, H. W. A. M.	
Bagshawe, B. W.	M.	Stonebridge, A. W.	A. M.	<b>Gatonga—</b>	
Beale, F.	A. M.	Stowe, H. J. D.	A. M.	Yates, R. V. A. M.	
Bear, M. M.	M.	Thompson, H. J.	A. M.	<b>Gorakhpur—</b>	
Bent, W.	A. M.	Tuckett, W. F.	A. M.	Longmuir, W. M.	
Boak, C. F.	A. M.	Walcraft, T. C.	A. M.	<b>Hathras—</b>	
Bolton, C. J. H.	G.	Walker, J. E.	A. M.	Cullen, J. A. M.	
Bonar, H.	A. M.	Wallis, Capt. H. J. K.	A. M.	<b>Howrah—</b>	
Browne, R. J.	M.	Watson, H. E.	A. M.	Campbell, J. D. A. M.	
Bury, R. E.	M.	Webber, W.	M.	Robertson, J. F. A. M.	
Caldwell, J. M.	A. M.	Westmacott, P. G.	A. M.	Spencer, P. A. M.	
Cameron, A. P.	M.	Wheatley, W. G.	M.		
Chettle, N.	A. M.	Whitaker, L. B.	G.		
Christie, J. M.	M.	Wilcox, J. G.	M.		
Coubrough, A. C.	M.	Willett, E. W.	A. M.		
Cowan, J.	M.	Williams, G. B.	M.		
Crabb, T.	A. M.	Williams, G. S.	A. M.		
		Wylie, A. F.	A. M.		
		Wyness, J. P.	A.		

<b>Hubli—</b>		<b>Kushtla—</b>		<b>Naihati—</b>	
Molloy, C. P.	M.	Renwick, W. B.	A.M.	Ashworth, S. H.	A.M.
Sampson, E. D.	M.			Paterson, J. D.	A.M.
Saunders, C. H. S.	A.M.	<b>Lahore—</b>		<b>Nazira—</b>	
Welburn, F.	A.M.	Amarnath, L.	G.	Franklyn, F. E. H.	G.
<b>Hyderabad—</b>		Charlton, H. J.	A.M.	Greene, R. C. E.	A.M.
Gaunt, J. W.	A.M.	Ganga Ram	M.	<b>Negapatam—</b>	
Soden, E. E.	M.	Hunter, J. C.	A.M.	Bourbel, G. de	G.
<b>Ichapur—</b>		Keatinge, S. A. J.	M.	Crichton, C.	M.
Kirkby, R.	A.M.	Lacey, O. B.	A.M.	Richardson, E. L.	M.
Smith, W. G.	M.	Lloyd, G. W.	A.M.	Tweedie, F. F.	M.
<b>Insein—</b>		Mansell, L. T. G.	A.M.	Wright, F. T.	A.M.
Burnside, B. W.	A.M.	Stone, T. A. F.	A.M.	<b>Negombo—</b>	
Hutton, C. I.	A.M.	Thorpe, W. A. C.	A.M.	Seneviratne, R. O.	G.
Saxby-Thomas, H. G.	A.M.	<b>Lanaul—</b>		<b>Negheriting—</b>	
<b>Jamadoba—</b>		Becher, R. A.	M.	Stanley, C. R.	G.
Harwood, R. H.	A.M.	<b>Lillooah—</b>		<b>Nowgong—</b>	
<b>Jamalpur—</b>		Pearce, T.	A.M.	White, T. E. S.	A.M.
Huddleston, G. R. G.	A.M.	<b>Lindula—</b>		<b>Oorgaum—</b>	
Radley, B. V.	M.	Maitland, D. J.	A.M.	Deer, G. G.	A.M.
Scrivener, R. S. R.	A.M.	<b>Lucknow—</b>		Nicholl, F. M.	M.
Tomes, W. J.	M.	Carter, H. T.	M.	Richardson, G. W.	A.M.
Wood, H. A.	M.	Crawshaw, P. W.	G.	<b>Passara—</b>	
<b>Jhansi—</b>		Crawshaw, W. E.	M.	Cartwright, A. C. M.	A.M.
Hennessy, C. P.	A.M.	Rayner, A. J.	A.M.	<b>Patiala—</b>	
<b>Jodhpur—</b>		Sanyal, R. N.	A.M.	Bowles, C. W.	A.M.
Drummond, G. R.	M.	Swinchatt, P. H.	A.M.	<b>Poona—</b>	
<b>Jubbulpore—</b>		White, H. G. N.	M.	Bharucha, F. E.	A.M.
Penwarden, C. W. H.	M.	<b>Ludhiana—</b>		<b>Quetta—</b>	
<b>Kamarhati—</b>		Sahgal, S. R.	G.	Rodd, Capt. W. J. P.	M.
Wale, N. W.	A.M.	<b>Madras—</b>		<b>Quilon—</b>	
<b>Kanchrapara—</b>		Bamford, R. G.	M.	Love, T. E.	A.M.
Gundry, A. R.	A.M.	Barrett, J. M. N.	A.M.	Willmer, E. E.	A.M.
Harnett, W. F.	M.	Carnall, A.	A.M.	<b>Rangoon—</b>	
<b>Kanknarrah—</b>		Cartwright, Prof. C. L.	M.	Angus, J. A.	M.
Mudie, D.	A.M.	James, W. H.	M.	Bateman, H. H.	M.
<b>Karachi—</b>		Nesbitt, E. A.	A.M.	Cameron, H. P.	M.
Cosser, T.	M.	Payne, C. A. W.	A.M.	Innes, W. B.	M.
Dame, J. M.	M.	Peirce, H. B.	M.	Johnson, J.	A.M.
Davidson, J. M.	M.	Shepherd, J. W.	A.M.	Lowe, C. J.	A.M.
Herman, B. R.	M.	Spring, Hon. Sir F. J. E.	M.	Mackenzie, R. A.	A.M.
Markwick, A. E.	M.	Thomas, F.	A.M.	Maitland, A.	A.M.
Menezes, J. A.	G.	Warbrook, F. G.	A.M.	Marshall, L. P.	M.
<b>Karwar—</b>		Webster, J.	A.M.	Minett, A. E. S.	A.M.
Cooper, J. A. W.	A.M.	<b>Mandalay—</b>		Pearson, H. L.	M.
<b>Katary—</b>		Mackie, R. H.	A.M.	Perry, W. F. S.	M.
Hull, A. H.	A.M.	<b>Mhow—</b>		Rickie, J. H.	A.M.
Jones, J. E.	A.M.	Cotesworth, C. G.	A.M.	Robertson, H., Jun.	M.
<b>Katmandu—</b>		<b>Moradabad—</b>		Tuppen, G. L.	A.M.
Rana, Col. K. N.	M.	Cardew, D.	A.M.	Walker, J. W.	M.
<b>Katni—</b>		<b>Mormugao—</b>		Webster, S.	A.M.
Simcock, P.	M.	Noonan, L. F.	A.M.	<b>Rangpur—</b>	
<b>Khargpur—</b>		<b>Mozufferpore—</b>		Mitchell, W. G.	A.M.
Carr, A. C.	M.	Jeffery, C. F.	A.M.	<b>Rasiddpur—</b>	
Gibbons, W. F.	M.	Smith, F. B.	A.M.	Dale, J.	A.M.
Hornett, W. G.	M.	Temple, F. C.	A.M.	<b>Rasul—</b>	
Hughes, E. M.	M.	Watson, E. F.	A.M.	Wilkinson, W.	A.M.
<b>Kirkee—</b>		Young, F.	A.M.	<b>Rawal Pindi—</b>	
Amor, W.	M.	<b>Mussoorie—</b>		Strong, E. S.	M.
<b>Kurdvadi—</b>		Campbell, A.	M.	<b>Rishra—</b>	
Edcombe, W. E.	A.M.	Shanan, C. H.	A.M.	Black, J.	A.M.
Inkson, N. L.	A.M.	<b>Mysore—</b>		Rose, P. T.	M.
		Roberts, C. T.	M.	<b>Roorkee—</b>	
		<b>Nagpur—</b>		McLaren, W. D.	A.M.
		Billinton, P. R.	A.M.	Wainwright, J. W.	M.
		Cove, E. E. A.	A.M.		

<b>Saharanpore—</b> Hartree, R.	A.M.	<b>Hlogo—</b> Farbridge, J. W.	A.M.	<b>SIAM—</b>	
<b>Saidpur—</b> Homan, A. K.	A.M.	Takatsuji, N.	M.	<b>Bangkok—</b> Brown, R. H.	M.
Manley, E. L.	A.M.	<b>Kobe—</b> Duus, J. H.	A.M.	Gibb, N.	A.M.
Tomlinson, J. A.	A.M.	Kershaw, T.	M.	Mackay, J.	M.
<b>Secunderabad—</b> Buckley, F.	A.M.	Ventress, E. W. S.	A.M.	Paget, F.	G.
Rosenthal, F. M. B.	A.M.	<b>Kyushu—</b> Mano, Prof. B.	M.	Reid, J. W.	A.M.
Ward, A. M.	A.M.	<b>Muroran—</b> Mizutani, Eng. Rr.- Adml. Y.	M.	Smart, L. S.	M.
<b>Shahjahanpur—</b> Hunt, E.	A.M.	<b>Nagasaki—</b> Ito, K.	A.M.	Swanson, J. H.	M.
<b>Silchar (or Cachar)—</b> Cross, R. T. G.	A.M.	Williamson, A. S.	M.	<b>STRAITS STLMTS.—</b> <b>Johore—</b> Corkery, A. T. M.	G.
Ede, F. J.	M.	<b>Osaka—</b> Kikuchi, K.	M.	<b>Klang—</b> Watt, G. A.	A.M.
Girling, H. M.	A.M.	Rooke, W. M.	M.	<b>Malacca—</b> Gill, H.	A.M.
Gomme, D. E.	G.	Takimura, T.	M.	Taylor, C. B.	A.M.
Hadley, W. P. H.	A.M.	Tsurumi, Prof. S.	M.	<b>Muar—</b> Drabble, H. M.	A.M.
Hodson, W. J.	A.M.	Whitworth, L.	A.M.	<b>Penang—</b> Bluck, M. T. N.	M.
Paterson, D.	A.M.	<b>Tokyo—</b> Barnes, J. E.	A.M.	Johnson, A. R.	A.M.
Rothery, H. G.	A.M.	Dan, T.	M.	Muir, H.	A.M.
<b>Siliguri—</b> Bates, G. E.	G.	Fuji, Eng. Rr.-Adml.	M.	Wilson, W. B.	M.
<b>Simla—</b> Buchanan, W. E.	M.	Hiraoka, H.	M.	Young, R.	M.
Nugent, Mai. C. H. H.	M.	Miyabara, Eng. Vice- Adml. Baron J.	M.	<b>Perak—</b> Brooksbank, F.	A.M.
Robertson, J. M.	A.M.	Shiba, C.	A.M.	Colledge, A.	A.M.
<b>Sukkur—</b> Manico, E. L.	A.M.	Shin, T.	M.	Dodds, W. M.	A.M.
<b>Sylhet—</b> Aird, J. E.	A.M.	Smith, A. J.	A.M.	Drummond, G.	A.M.
Cape, A.	A.M.	Thompson, J.	A.M.	Durdie, A.	A.M.
Johnson, F. S. L.	A.M.	Tsuda, G.	A.M.	Gooch, S. J.	G.
Kennedy, J. A.	A.M.	Watkins, W. G.	A.M.	Parsons, J.	A.M.
Metcalfe, F. G.	A.M.	<b>Yokohama—</b> Britton, F. G.	A.M.	Preedy, C. H.	G.
<b>Talawakelle—</b> Armstrong, A. C.	G.	Goodacre, E. J.	A.M.	<b>Port Dickson—</b> Ledwick, G., Jun.	G.
<b>Tavoy—</b> Aiken, J. W. D.	A.M.	Homewood, G.	A.M.	<b>Rantau—</b> Irwin, R. S.	A.M.
<b>Titaghur—</b> Bryce, W.	A.M.	Robertson, A.	A.M.	<b>Selangor—</b> Belasagotti, W. P. de	M.
Mitchell, W. A.	A.M.	Thompson, E. R.	M.	Butcher, J. D.	A.M.
<b>Toong—</b> Ansell, A. M.	A.M.	Tresize, W. K.	M.	Forbes, G. C.	M.
<b>Trichinopoly—</b> Smyth, A. H.	A.M.	Williamson, H.	M.	Graham, J.	A.M.
<b>Trincomalee—</b> Fraser, J. H.	A.M.	Yuill, M.	A.M.	Paris, P. A.	A.M.
<b>Trivandrum—</b> Parratt, H. E.	A.M.	<b>JAVA—</b> <b>Soerabaya—</b> Campbell, J.	M.	Prentis, E. F.	G.
<b>Umballa—</b> Gravell, A.	A.M.	Hill, W. H.	A.M.	Punter, A.	A.M.
<b>Villupuram—</b> Lambert, J. H.	M.	Powell, B. N.	A.M.	Ridgway, A. E. A.	A.M.
<b>Yenangyaung—</b> Cairns, H. S.	A.M.	<b>PERSIA—</b> <b>Kishm—</b> Wright, J. L.	A.M.	Wilson, C.	M.
Reay, E.	A.M.	<b>Mohammerah—</b> Davidson, R. R.	A.M.	<b>Seremban—</b> Nugent, C. E.	A.M.
<b>JAPAN—</b> <b>Chikugo—</b> Kuroda, T.	M.	Wheldon, E. J.	A.M.	<b>Singapore—</b> Aitken, A. J.	A.M.
		<b>PHILIPPINE ISLANDS—</b> <b>Manila—</b> Aitken, C. H. W.	M.	Delves, F. J., Jun.	G.
		Cooper, A.	A.M.	Finnie, W.	M.
		Deacon, R. D.	M.	Garratt, J. H.	M.
		Loader, J. F.	A.M.	Gebbie, J.	M.
		Ossorio, J. J.	G.	Gibson, W.	A.M.
				Goldie, R. M.	A.M.
				Gostwyck, H. H. G.	A.M.
				Hamilton, J. A.	M.
				Hope, J. L.	M.
				Howard, P.	A.M.
				Hunt, W. E.	A.M.
				Hutchison, H.	A.M.
				Jarvie, W. M.	A.M.
				Kellar, J. D. B.	A.M.
				Le Masurier, J.	M.
				McDonald, W.	M.

**Singapore (cont.)—**

Mackail, J. H.	A.M.
MacLennan, A.	M.
Masterton, W. N.	M.
Melland-Smith, H. R.	A.M.
Niblock, F.	M.
Nicholson, J. R.	M.
Robinson, F. H.	A.M.
Robinson, P. M.	A.M.
Strachan, J. A. P.	A.M.

**Singapore (cont.)—**

Sunner, J. H.	M.
Trimmer, G. W. A.	A.M.
Trowell, W. J.	M.
Webster, W.	M.
<b>Taiping—</b>	
Moraes, H. F.	A.M.
<b>SUMATRA—</b>	
<b>Deli—</b>	
Dickson, R. C.	A.M.

**TURKEY-IN-ASIA—**

<b>Bagdad—</b>	
Ahmed, M.	G.
<b>Basrah—</b>	
Moir, W. R.	A.M.
<b>Smyrna—</b>	
Elliott, C. F. J.	M.
Issigonis, G. D.	A.M.

**AUSTRALASIA.****NEW SOUTH WALES—**

<b>Aberdeen—</b>	
Benn, W. W. W.	A.M.

<b>Broken Hill—</b>	
Cunningham, J. C.	M.

<b>Gordon—</b>	
Price, A.	M.

<b>Goulburn—</b>	
Williams, T. D.	M.

<b>Granville—</b>	
Irons, T.	M.

<b>Greenwich—</b>	
Turner, W. W.	A.M.

<b>Newcastle—</b>	
Mackenzie, K. L.	A.M.

<b>Sydney—</b>	
Arnot, A. J.	M.
Barnes, T. E.	A.M.
Barraclough, Prof. S. H.	M.

Bellamy, H. E.	A.M.
Borland, R.	A.M.
Brabner, F.	A.M.

Broadbent, E. E.	M.
Brunton, P. G.	M.
Christie, A.	M.
Conyers, S. W.	M.

Coster, W. W.	A.M.
Cutler, A. E.	M.
Fenwick, J.	M.
Fildes, P. A.	M.
Fisher, J.	A.M.
Foster, E.	A.M.
Franki, J. P.	M.
Garvey, E. G. H.	A.M.
German, W. H.	M.
Grange, R. B.	M.
Greig, A.	A.M.
Gurney, T.	A.M.
Hodgson, G. H.	A.M.
Holroyde, G. E.	A.M.
Hoskins, G. J.	M.
Houghton, T. H.	M.
Howarth, A. M.	M.
Julius, G. A.	M.
Kidd, H.	M.
Lees, C. J.	A.M.
Lucy, E. E.	M.
Lukis, W. R. F.	M.
Macartney, J.	M.
McCormack, R.	A.M.
McCrea, W. D.	A.M.
McCredie, A. L.	M.

**Sydney (cont.)—**

Massey, G.	M.
Nicol, W. A. W.	A.M.
Noyes, E.	A.
Pearce, G. G.	G.
Saunders, A. F.	A.M.
Schloesser, R.	A.M.
Sinclair, R.	M.
Smith, M. S.	A.M.
Stevenson, A. D.	M.
Swain, H. J.	A.M.
Toder, J.	A.M.
Witten, T. A.	G.

**QUEENSLAND—**

<b>Brisbane—</b>	
Peart, J.	M.

<b>Ipswich—</b>	
Rees, J. H.	A.M.
Robinson, J. E.	M.

<b>Nanango—</b>	
Griffiths, J. A.	M.

<b>Nelson—</b>	
Dauids, S. W.	M.

**S. AUSTRALIA—**

<b>Adelaide—</b>	
Ayers, F. G.	A.M.
Garvie, D.	A.M.
Moulden, E. S.	A.M.
Nichols, H. F.	A.M.
Orr, T. R. J.	A.M.
Roberts, T.	M.
Shaw, P. C. W.	M.
Sutherland, K. W.	A.M.

<b>Port Augusta—</b>	
Saunders, F. W. T.	A.M.

**TASMANIA—**

<b>Hobart—</b>	
Fowler, T. W.	M.
Ross, E. S.	A.M.

<b>Launceston—</b>	
Deeble, W. R.	M.

<b>Queenstown—</b>	
Wright, G. W.	M.

**VICTORIA—**

<b>Ballarat—</b>	
Kerr, A. E. C.	M.
Pringle, P. J.	M.

<b>Evelyn—</b>	
Conyers, W.	M.

<b>Footscray—</b>	
Ferguson, M.	M.

<b>Melbourne—</b>	
Beeching, F. W.	M.
Burnside, F. I. M.	A.M.
Clarke, J.	M.
Dixon, H. A.	A.M.
Doyle, T. D.	A.M.
Edwards, W. C.	M.
Fyvie, W.	M.
Garner, H. M.	G.
Griffiths, W. J.	M.
Grove, E. P.	M.
Harcourt, O. S. H.	M.
Kay, B.	A.M.
Macnicol, A. N.	M.
Mais, H. C.	M.
May, H. N.	A.M.
Mindo, A. W.	M.
Payne, Prof. H.	M.
Quirk, W. M. H.	M.
Reynolds, W. A.	G.
Roberts, J.	A.M.
Stewart, A. A.	M.
Stringer, R.	A.M.
Swan, W. R.	A.M.
Swinburne, Hon. G.	M.
Swinburne, W.	M.
Westwood, E. H. W.	A.M.

<b>Williamstown—</b>	
Douton, F. C. R.	G.

<b>W. AUSTRALIA—</b>	
<b>Fremantle—</b>	
Butcher, A. C.	A.M.
Walker, F. L.	M.

<b>Guildford—</b>	
King, H. E. de C.	G.

<b>Kalgoorlie—</b>	
Crocker, C. E.	M.
Hemingway, A.	A.M.

<b>Perth—</b>	
Akroyd-Stuart, C. H. M.	M.
Akroyd-Stuart, H.	M.
Arney, A. E.	A.M.
Broadbent, H.	A.M.
Brown, F. V.	A.M.
Faulkner, J. E.	G.
Hawke, G. R. W.	M.
Hickson, C. H.	A.M.
Lawson, F. W.	M.
Leslie, W.	M.
Mathews, C. J.	M.
Williams, H. W.	M.

<b>Ravensthorpe—</b> Shepherd, R. L.	M.	<b>Dunedin—</b> Burt, T. R.	A.M.	<b>Porirua—</b> Anderson, J. H.	A.M.
<b>Subiaco—</b> Littlejohn, W. J.	A.M.	Drew, E. H.	A.M.	<b>Te Kuiti—</b> Bartley, R. H.	A.M.
<b>Yarloop—</b> Bird, F. N.	A.M.	MacLean, G. F. S.	A.M.	<b>Waihi—</b> Gauvain, W. P.	M.
<b>Midland Junction—</b> Evans, E. A.	M.	McLintock, R. A. H.	M.	Malyon, F. W.	A.M.
Hume, E. S.	M.	Mason, J. B.	M.	<b>Waikino—</b> Fraser, S. E.	M.
<b>NEW ZEALAND—</b>		Roberts, E.	M.	Watters, T. C.	A.M.
<b>Auckland—</b>		Wilson, H.	M.	<b>Wellington—</b>	
Allen, C. C.	A.M.	<b>Gisborne—</b> Willans, C. T.	A.M.	Birks, L.	M.
Jones, S. W.	A.M.	<b>Greymouth—</b> Thomas, F. G.	A.M.	Blair, D. K.	M.
Lamb, S. E.	A.M.	<b>Inglewood—</b> Scott, H.	A.M.	Cable, M.	A.M.
Maclean, E. W.	A.M.	<b>Invercargill—</b> Dunbar, J.	A.M.	Cachemaille, E. D.	A.M.
Powell, F. E.	A.M.	<b>Karangahake—</b> Turnbull, J. A.	A.M.	Cull, J. E. L.	A.M.
Walker, R.	A.M.	<b>Lumsden—</b> Mutter, W.	M.	Earnshaw, W.	A.M.
<b>Bluff—</b> Lee, G. A.	A.M.	<b>Napier—</b> Chadwick, R. J. M.	A.M.	Ferguson, W.	M.
<b>Christchurch—</b> Anderson, J.	M.	Hursthous, D. W.	A.M.	Furkert, F. W.	A.M.
Barker, T. D.	A.M.	<b>Nelson—</b> Blechynden, J.	M.	Holmes, J. D.	A.M.
Bauchop, D. F.	A.M.			Hunter, A. H.	A.M.
English, R.	A.M.			Hursthous, E. W.	A.M.
Scott, J. C.	M.			Kidner, A. E.	A.M.
Scott, Prof. R. J.	M.			McVicar, A.	M.
Watson, R. S.	A.M.			Mitchell, A. C.	M.
				Nelson, L.	A.M.
				Richardson, C. E.	M.

## EUROPE.

<b>AUSTRIA—</b>		<b>Paris—</b>		<b>GIBRALTAR—</b>	
<b>Boryslaw—</b> Orme, C. T.	A.M.	Angelis, M. de	G.	Phillips, Capt. F. H.	M.
<b>Landeck—</b> Rieter, E. H.	A.M.	Bourdon, F. E.	M.	<b>GREECE—</b>	
<b>Vienna—</b> Blakey, R. C.	M.	Budge, E.	M.	<b>Athens—</b> Macaulay, M. S.	A.M.
Hardy, W. E.	M.	Bull, C. G.	A.M.	<b>Piraeus—</b> Mastrantonis, P.	M.
<b>BELGIUM—</b>		Dowlen, W. E.	A.	<b>HOLLAND—</b>	
<b>Antwerp—</b> Bélliard, H. J. P.	M.	Hanning, W.	M.	<b>Flushing—</b> Martin, W. H.	M.
<b>Brussels—</b> Coppée, Baron E.	M.	Hour, R. C.	A.M.	<b>Rotterdam—</b> Wilton, B.	M.
Nolet, P.	M.	Hutchins, W. J.	M.	Wilton, J. D.	A.M.
Stokvis, H.	M.	Janson, R.	A.M.	Wilton, W.	A.M.
<b>Gand—</b> Heynssens, J.	A.M.	Kaye, L. J.	M.	<b>The Hague—</b> Kapteyn, A.	M.
Mason, H. R.	A.M.	Kitchin, J. W.	A.M.	<b>HUNGARY—</b>	
<b>Liège—</b> Barton, G. B.	A.M.	Leisse, G. C.	M.	<b>Fiume—</b> Jones, A. E.	M.
Timmermans, F.	M.	Malan, E. de M.	M.	<b>ITALY—</b>	
<b>DENMARK—</b>		Marié, G.	M.	<b>Milan—</b> Haan, P. de	A.M.
<b>Copenhagen—</b> Caspersen, H. E.	M.	Rateau, Prof. A.	M.	Nathan, A.	M.
Riehn, J. F.	A.M.	Ronceray, E.	M.	Rümmele, A.	G.
<b>FRANCE—</b>		Roux, P. L.	A.M.	<b>MALTA—</b> Clark, Major R. L.	M.
<b>Chatou—</b> D'Albert, C.	M.	Ryan, J.	A.M.		
<b>Dunkirk—</b> Leach, B. H.	A.M.	Sauvage, Prof. E.	M.		
		<b>GERMANY—</b>			
		<b>Dresden—</b> Mason, H.	M.		
		<b>Lehe—</b> Riegen, J. von	M.		
		<b>Leipzig—</b> Ward, C.	G.		
		<b>Saarbrücken—</b> Schmer, E. G.	M.		
		<b>Strassburg, Alsace—</b> Berthiez, C.	M.		

<b>NORWAY—</b>		<b>Petrograd—</b>		<b>Madrid—</b>	
<b>Christiania—</b>		Gerebiateff, Maj.-Gen.		Aramburu y Silva, F. M.	
Nielsen, J. P. C.	M.	J. T.	M.	Cowdrick, F. G.	A.M.
<b>Odda—</b>		Goldarbeiter, J. L.	A.M.	Laidler, C. R.	G.
Malpas, A. E.	M.	Stratford, A. B.	A.M.	Murciano, R. M.	G.
		Szymanowski, K.	A.M.	Phillips, E. G.	A.M.
<b>PORTUGAL—</b>		<b>Riga—</b>		<b>Palamos—</b>	
<b>Lisbon—</b>		Wood, H. L.	A.M.	McKerlie, J.	A.M.
Camargo, J. A. da R.					
	A.M.	<b>Schlüsselburg—</b>		<b>SWEDEN—</b>	
Goodwin, R.	A.M.	Gibson, E. M.	A.M.	<b>Danderyd—</b>	
Hawkins, L. G.	A.M.	Horsburgh, G. D. L.	A.M.	Betts, S.	M.
<b>Mertola—</b>		<b>Stanitza Apsheon-</b>		<b>Gothenburg—</b>	
Bell, J.	G.	skaya—		Wadham, R.	A.M.
		Nash, A. W.	A.M.		
<b>ROUMANIA—</b>		<b>Warsaw—</b>			
<b>Bucharest—</b>		Lozinski, C.	A.M.		
Thieme, H. C. A.	A.M.	Okolski, S. J.	M.		
<b>Sulina—</b>		<b>SPAIN—</b>		<b>SWITZERLAND—</b>	
Nutt, G. B.	M.	<b>Aguilas—</b>		<b>Berne—</b>	
		Browne, S. O.		Skipworth, G. P.	
				M.	
<b>RUSSIA—</b>		<b>Alcaracejos—</b>		<b>Gléresse—</b>	
<b>Baku—</b>		West, W. P.	A.M.	McCallum, E. A.	
Dabell, A. F.	A.M.	<b>Almeria—</b>		M.	
		Hamilton, A., Jun.	A.M.	<b>Schaffhausen—</b>	
<b>Charkov—</b>		<b>Astillero—</b>		Muller, E.	
Blakey, C.	M.	Kidd, F.	M.	A.M.	
Read, H. G.	M.	<b>Bilbao—</b>		<b>Winterthur—</b>	
		Harrison, G.	A.M.	Sulzer, J.	
<b>Lodz—</b>		Layton, H. E.	M.	M.	
Rateliffe, J. T.	M.	Trenfield, E. J.	G.	<b>Zürich—</b>	
		<b>Ferrol—</b>		Campbell, A. J.	
<b>Moscow—</b>		Humble, G. C.	G.	A.M.	
Berry, H.	M.	<b>Huelva—</b>			
Boardman, J.	M.	Bennie, P.	M.	<b>TURKEY—</b>	
Chandler, F. A.	A.M.	Clayton, T.	A.M.	<b>Constantinople—</b>	
Charnock, C. J.	A.M.	Harding, W. A. D.	M.	Ahmed Pasha, Vice-	
Charnock, H. H.	A.M.	Naylor, T. L.	A.M.	Admiral	
Cox, M.	A.M.	Thornton, C. J.	M.	Khalil, Comm. I.	
Dixon, W. F.	M.			Seifeddin, H.R.H. Prince	
Gilbert, E.	M.			A.	
Hopper, J. R.	M.			Sirri, Major M.	
Urmston, P.	M.			M.	





# THE INSTITUTION OF MECHANICAL ENGINEERS.

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## Memorandum of Association.

AUGUST 1878.

1st. The name of the Association is "THE INSTITUTION OF MECHANICAL ENGINEERS."

2nd. The Registered Office of the Association will be situate in England.

3rd. The objects for which the Association is established are:—

(A.) To promote the science and practice of Mechanical Engineering and all branches of mechanical construction, and to give an impulse to inventions likely to be useful to the Members of the Institution and to the community at large.

(B.) To enable Mechanical Engineers to meet and to correspond, and to facilitate the interchange of ideas respecting improvements in the various branches of mechanical science, and the publication and communication of information on such subjects.

(C.) To acquire and dispose of property for the purposes aforesaid.

(D.) To do all other things incidental or conducive to the attainment of the above objects or any of them.

4th. The income and property of the Association, from whatever source derived, shall be applied solely towards the promotion of the objects of the Association as set forth in this Memorandum of Association, and no portion thereof shall be paid or transferred directly or indirectly, by way of dividend, bonus, or otherwise howsoever, by way of profit to the persons who at any time are or have been Members of the Association, or to any of them, or to any person claiming through any of them: Provided that nothing herein contained shall prevent the payment in good faith of remuneration to any officers or servants of the Association, or to any Member of the Association, or other person, in return for any services rendered to the Association, or prevent the giving of privileges to the Members of the Association in attending the meetings of the Association, or prevent the borrowing of money (under such powers as the Association and the Council thereof may possess) from any Member of the Association, at a rate of interest not greater than five per cent. per annum.

5th. The fourth paragraph of this Memorandum is a condition on which a licence is granted by the Board of Trade to the Association in pursuance of Section 23 of the Companies Act 1867. For the purpose of preventing any evasion of the terms of the said fourth paragraph, the Board of Trade may from time to time, on the application of any Member of the Association, impose further conditions, which shall be duly observed by the Association.

6th. If the Association act in contravention of the fourth paragraph of this Memorandum, or of any such further conditions, the liability of every Member of the Council shall be unlimited; and the liability of every Member of the Association who has received any such dividend, bonus, or other profit as aforesaid, shall likewise be unlimited.

7th. Every Member of the Association undertakes to contribute to the Assets of the Association in the event of the same being wound up during the time that he is a Member, or within one

year afterwards, for payment of the debts and liabilities of the Association contracted before the time at which he ceases to be a Member, and of the costs, charges, and expenses for winding up the same, and for the adjustment of the rights of the contributories amongst themselves, such amount as may be required not exceeding Five Shillings, or in case of his liability becoming unlimited such other amount as may be required in pursuance of the last preceding paragraph of this Memorandum.

8th. If upon the winding up or dissolution of the Association there remains, after the satisfaction of all its debts and liabilities, any property whatsoever, the same shall not be paid to or distributed among the Members of the Association, but shall be given or transferred to some other Institution or Institutions having objects similar to the objects of the Association, to be determined by the Members of the Association at or before the time of dissolution; or in default thereof, by such Judge of the High Court of Justice as may have or acquire jurisdiction in the matter.

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## Articles of Association.

FEBRUARY 1893.

(Article 23 revised March 1902.)

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### INTRODUCTION.

Whereas an Association called "The Institution of Mechanical Engineers" existed from 1847 to 1878 for objects similar to the objects expressed in the Memorandum of Association of the Association (hereinafter called "the Institution") to which these Articles apply;

And whereas the Institution was formed in 1878 for furthering and extending the objects of the former Institution, by a registered Association, under the Companies Acts 1862 and 1867;

And whereas terms used in these Articles are intended to have the same respective meanings as they have when used in those Acts, and words implying the singular number are intended to include the plural number, and *vice versâ*;

NOW THEREFORE IT IS HEREBY AGREED as follows:—

### CONSTITUTION.

1. For the purpose of registration the number of Members of the Institution is unlimited.

MEMBERS, ASSOCIATE MEMBERS, GRADUATES,  
ASSOCIATES, AND HONORARY LIFE MEMBERS.

2. The present Members of the Institution, and such other persons as shall be admitted in accordance with these Articles, and none others, shall be Members of the Institution and be entered on the register as such.

3. Any person may become a Member of the Institution who shall be qualified and elected as hereinafter mentioned, and shall agree to become such Member, and shall pay the entrance fee and first subscription accordingly.

4. The qualification of Members shall be prescribed by the By-laws from time to time in force, as provided by the Articles.

5. The election of Members shall be conducted as prescribed by the By-laws from time to time in force, as provided by the Articles.

6. In addition to the persons already admitted as Graduates, Associates, and Honorary Life Members respectively, the Institution may admit such persons as may be qualified and elected in that behalf as Associate Members, Graduates, Associates, and Honorary Life Members respectively of the Institution, and may confer upon them such privileges as shall be prescribed by the By-laws from time to time in force, as provided by the Articles : provided that no Associate Member, Graduate, Associate, or Honorary Life Member shall be deemed to be a Member within the meaning of the Articles.

7. The qualification and mode of election of Associate Members, Graduates, Associates, and Honorary Life Members shall be prescribed by the By-laws from time to time in force, as provided by the Articles.

8. The rights and privileges of every Member, Associate Member, Graduate, Associate, or Honorary Life Member shall be personal to himself, and shall not be transferable or transmissible by his own act or by operation of law.

#### ENTRANCE FEES AND SUBSCRIPTIONS.

9. The Entrance Fees and Subscriptions of Members, Associate Members, Graduates, and Associates shall be prescribed by the By-laws from time to time in force, as provided by the Articles.

### EXPULSION.

10. If any Member, Associate Member, Graduate, or Associate shall leave his subscription in arrear for two years, and shall fail to pay such arrears within three months after a written application has been sent to him by the Secretary, his name may be struck off the register by the Council at any time afterwards, and he shall thereupon cease to have any rights as a Member, Associate Member, Graduate, or Associate, but he shall nevertheless continue liable to pay the arrears of subscription due at the time of his name being so struck off: provided always that this regulation shall not be construed to compel the Council to remove any name, if they shall be satisfied the same ought to be retained.

11. The Council may refuse to continue to receive the subscriptions of any person who shall have wilfully acted in contravention of the regulations of the Institution, or who shall in the opinion of the Council have been guilty of such conduct as shall have rendered him unfit to continue to belong to the Institution; and may remove his name from the register, and he shall thereupon cease to be a Member, Associate Member, Graduate, or Associate (as the case may be) of the Institution.

### GENERAL MEETINGS.

12. The General Meetings shall consist of the Ordinary Meetings, the Annual General Meeting, and of Special Meetings as hereinafter defined.

13. The Annual General Meeting shall take place in London in one of the first four months of every year. The Ordinary Meetings shall take place at such times and places as the Council shall determine.

14. A Special Meeting may be convened at any time by the Council, and shall be convened by them whenever a requisition signed by twenty Members or Associate Members of the Institution,

specifying the object of the Meeting, is left with the Secretary. If for fourteen days after the delivery of such requisition a Meeting be not convened in accordance therewith, the Requisitionists or any twenty Members or Associate Members of the Institution may convene a Special Meeting in accordance with the requisition. All Special Meetings shall be held in London.

15. Seven clear days' notice of every Meeting, specifying generally the nature of any special business to be transacted at any Meeting, shall be given to every person on the register of the Institution, except as provided by Article 35, and no other special business shall be transacted at such Meeting; but the non-receipt of such notice shall not invalidate the proceedings of such Meeting. No notice of the business to be transacted (other than such ballot lists as may be requisite in case of elections) shall be required in the absence of special business.

16. Special business shall include all business for transaction at a Special Meeting, and all business for transaction at every other Meeting, with the exception of the reading and confirmation of the Minutes of the previous Meeting, the election of Members, Associate Members, Graduates, and Associates, and the reading and discussion of communications as prescribed by the By-laws, or by any regulations of the Council made in accordance with the By-laws.

#### PROCEEDINGS AT GENERAL MEETINGS.

17. Twenty Members or Associate Members shall constitute a quorum for the purpose of a Meeting other than a Special Meeting. Thirty Members or Associate Members shall constitute a quorum for the purpose of a Special Meeting.

18. If within thirty minutes after the time fixed for holding the Meeting a quorum is not present, the Meeting shall be dissolved, and all matters which might, if a quorum had been present, have been done at a Meeting (other than a Special Meeting) so dissolved, may forthwith be done on behalf of the Meeting by the Council.

19. The President shall be Chairman at every Meeting, and in his absence one of the Vice-Presidents; and in the absence of all Vice-Presidents a Member of Council shall take the chair; and if no Member of Council be present and willing to take the chair, the Meeting shall elect a Chairman.

20. The decision of a General Meeting shall be ascertained by show of hands, unless, after the show of hands, a poll is forthwith demanded; and by a poll, when a poll is thus demanded. The manner of taking a show of hands or a poll shall be in the discretion of the Chairman; and an entry in the Minutes, signed by the Chairman, shall be sufficient evidence of the decision of the General Meeting. Each Member and Associate Member shall have one vote and no more. In case of equality of votes the Chairman shall have a second or casting vote: provided that this Article shall not interfere with the provisions of the By-laws as to election by ballot.

21. The acceptance or rejection of votes by the Chairman shall be conclusive for the purpose of the decision of the matter in respect of which the votes are tendered: provided that the Chairman may review his decision at the same Meeting, if any error be then pointed out to him.

#### BY-LAWS.

22. The By-laws set forth in the schedule to these Articles, and such altered and additional By-laws as shall be substituted or added as hereinafter mentioned, shall regulate all matters by the Articles left to be prescribed by the By-laws and all matters which consistently with the Articles shall be made the subject of By-laws. Alterations in, and additions to, the By-laws may be made only by resolution of the Members and Associate Members at an Annual General Meeting, after notice of the proposed alteration or addition has been announced at the previous Ordinary Meeting, and not otherwise.



### COUNCIL.

23. The Council of the Institution shall be chosen from the Members only, and shall consist of one President, six Vice-Presidents, twenty-one ordinary Members of Council, and of the Past-Presidents. The President, two Vice-Presidents, and seven Members of Council (other than Past-Presidents), shall retire at each Annual General Meeting, but shall be eligible for re-election. The Vice-Presidents and Members of Council to retire each year shall, unless the Council agree otherwise among themselves, be chosen from those who have been longest in office, and in cases of equal seniority shall be determined by ballot.

24. The election of a President, Vice-Presidents, and Members of Council, to supply the place of those retiring at the Annual General Meeting, shall be conducted in such manner as shall be prescribed by the By-laws from time to time in force, as provided by the Articles.

25. The Council may supply any casual vacancy in the Council (including any casual vacancy in the office of President) which shall occur between one Annual General Meeting and another; and the President, Vice-Presidents, or Members of Council so appointed by the Council shall retire at the succeeding Annual General Meeting. Vacancies not filled up at any such Meeting shall be deemed to be casual vacancies within the meaning of this Article.

### OFFICERS.

26. The Treasurer, Secretary, and other employés of the Institution shall be appointed and removed in the manner prescribed by the By-laws from time to time in force, as provided by the Articles. Subject to the express provisions of the By-laws, the officers and servants of the Institution shall be appointed and removed by the Council.

27. The powers and duties of the officers of the Institution shall, subject to any express provision in the By-laws, be determined by the Council.

## POWERS AND PROCEDURE OF COUNCIL.

28. The Council may regulate their own procedure, and delegate any of their powers and discretions to any one or more of their body, and may determine their own quorum: if no other number is prescribed, three members of Council shall form a quorum.

29. The Council shall manage the property, proceedings, and affairs of the Institution, in accordance with the By-laws from time to time in force.

30. The Treasurer may, with the consent of the Council, invest in the name of the Institution any moneys not immediately required for the purposes of the Institution in or upon any of the following investments (that is to say):—

- (A) The Public Funds, or Government Stocks of the United Kingdom, or of any Foreign or Colonial Government guaranteed by the Government of the United Kingdom.
- (B) Real or Leasehold Securities, or in the purchase of real or leasehold properties in Great Britain or Ireland.
- (C) Debentures, Debenture Stock, or Guaranteed or Preference Stock, of any Company incorporated by special Act of Parliament, the ordinary Shareholders whereof shall at the time of such investment be in actual receipt of half-yearly or yearly dividends.
- (D) Stocks, Shares, Debentures, or Debenture Stock of any Railway, Canal, or other Company, the undertaking whereof is leased to any Railway Company at a fixed or fixed minimum rent.
- (E) Stocks, Shares, or Debentures of any East Indian Railway or other Company, which shall receive a contribution from His Majesty's East Indian Government of a fixed annual percentage on their capital, or be guaranteed a fixed annual dividend by the same Government.

- (F) The security of rates levied by any corporate body empowered to borrow money on the security of rates, where such borrowing has been duly authorised by Act of Parliament.

31. The Council may, with the authority of a resolution of the Members and Associate Members in General Meeting, borrow moneys for the purposes of the Institution on the security of the property of the Institution, or otherwise at their discretion.

32. No act done by the Council, whether *ultra vires* or not, which shall receive the express or implied sanction of the Members and Associate Members in General Meeting, shall be afterwards impeached by any member of the Institution on any ground whatsoever, but shall be deemed to be an act of the Institution.

#### NOTICES.

33. A notice may be served by the Council upon any Member, Associate Member, Graduate, Associate, or Honorary Life Member, either personally or by sending it through the post in a prepaid letter addressed to him at his registered place of abode.

34. Any notice, if served by post, shall be deemed to have been served at the time when the letter containing the same would be delivered in the ordinary course of the post; and in proving such service it shall be sufficient to prove that the letter containing the notice was properly addressed and put into the post office.

35. No Member, Associate Member, Graduate, Associate, or Honorary Life Member, not having a registered address within the United Kingdom, shall be entitled to any notice; and all proceedings may be had and taken without notice to such member, in the same manner as if he had had due notice.

## By-laws.

(*Last Revision, February 1913.*)

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### MEMBERS.

1. No Candidate shall be elected a Member, or be transferred into the class of Members, unless he is at least 30 years of age, and has produced evidence, to the satisfaction of the Council, either—

I. That he—

- (a) Has received a good general and scientific education ;
- (b) Has been regularly trained as a Mechanical Engineer ;  
and
- (c) Has been engaged for a sufficient period in an important position of independent responsibility in the direction of engineering work :

Or II. That he—

- (d) Has received a thorough scientific education ;
- (e) Has had sufficient practical experience as a Mechanical Engineer ; and
- (f) Has for a sufficient period held an important position of independent responsibility in connection with engineering work :

Or III. That he—

- (g) Has attained to a position of such eminence in the profession, or in the direction of engineering work, as to qualify him, in the opinion of the Council, for the distinction of Membership.

## ASSOCIATE MEMBERS.

2. No Candidate shall be elected an Associate Member unless he is at least 25 years of age, and unless EITHER—

(A) Being under 30 years of age, he has passed the Associate Membership Examination prescribed by the Council's Examination Rules for the time being or such other exempting Examination as may from time to time be approved by the Council under such Rules, and has also produced evidence to the satisfaction of the Council that he has been regularly trained as a Mechanical Engineer, has had sufficient practical experience in the direction or design of engineering work, and is following the profession of Engineering. Provided always that any Candidate being a Graduate of the Institution who has attained 25 years of age by the first day of January 1913, and any other Candidate who has attained 27 years of age by the first day of January 1913, may be elected as an Associate Member under the next following paragraph (B) as if he were 30 years of age, instead of under this paragraph; or

(B) Being 30 years of age or upwards, he shall have produced evidence to the satisfaction of the Council either—

I. That he—

- (a) Has received a good general education;
- (b) Has been regularly trained as a Mechanical Engineer; and
- (c) Has had subsequent employment for at least one year in a responsible position in the direction or design of engineering work, and is actually so engaged at the time of his proposal for Election:

Or II. That he—

- (d) Has received a good general and scientific education;
- (e) Has had sufficient practical experience as a Mechanical Engineer; and

- (f) Has had subsequent employment for at least one year in a responsible position in the direction or design of engineering work, and is actually so engaged at the time of his proposal for Election.

### GRADUATES.

3. Graduates shall be persons not under 18 years of age, who have passed the Graduateship Examination prescribed by the Council's Examination Rules for the time being or such other exempting Examination as may from time to time be approved by the Council under such Rules, and shall satisfy the Council that they have received, or are receiving, regular training as Mechanical Engineers, and that they have received, or intend to obtain, sufficient practical and scientific training to fit them for employment in responsible positions as Mechanical Engineers. No person shall be elected a Graduate after the age of 25 years.

Graduates may not continue as such if they cease to follow the profession of Engineering, nor in any case beyond the age of 28 years.

### ASSOCIATES.

4. Associates shall be persons of at least 30 years of age, who not being Mechanical Engineers by profession, yet by reason of their attainments in science, or in any of the arts allied to, or having interests in common with, Engineering, may be deemed by the Council to be worthy of the distinction of Associateship.

### TRANSFERENCE.

5. At the discretion of the Council properly qualified Associate Members may on application be transferred to the class of Members, and properly qualified Associates may be transferred to the classes of Associate Members or Members.

### HONORARY LIFE MEMBERS.

6. The Council shall have the power to nominate as Honorary Life Members persons of eminent scientific attainments.

### PRIVILEGES OF MEMBERSHIP.

7. The Members, Associate Members, Graduates, Associates, and Honorary Life Members shall have notice of, and the privilege to attend, all Meetings; but Members and Associate Members only shall be entitled to vote thereat.

8. The abbreviated distinctive Titles for indicating the connection with the Institution, of Members, Associate Members, Graduates, Associates, or Honorary Life Members thereof, shall be the following:—for Members, M. I. Mech. E.; for Associate Members, A. M. I. Mech. E.; for Graduates, G. I. Mech. E.; for Associates, A. I. Mech. E.; for Honorary Life Members, Hon. M. I. Mech. E.

9. Subject to such regulations as the Council may from time to time prescribe, any Member, Associate Member, or Associate may upon application to the Secretary obtain a Certificate of his membership or other connection with the Institution. Every such certificate shall remain the property of, and shall on demand be returned to, the Institution.

### EXAMINATIONS.

9A. The Council shall cause to be held Examinations for Candidates seeking to be elected as Associate Members and within the ages for which Examinations are required, and for Candidates seeking to be elected as Graduates; and shall frame and publish Rules, consistent with these By-laws, regulating such Examinations and defining the cases and circumstances under which such Examinations shall apply, the periods at which they shall be held, the subjects which they shall comprise, the fees which shall be paid

or deposited by Candidates in respect of such Examinations and the nature of the Certificate (if any) to be granted to successful Candidates; and such Rules shall include the list of Examinations held by other bodies the passing of which will respectively exempt a Candidate from being required to pass the Associate Membership Examination or the Graduateship Examination. And the Council shall have power from time to time to vary or rescind any such Rules and to make any such other Rules in connection with any such Examinations as may, consistently with these By-laws, be necessary or desirable.

### ENTRANCE FEES AND SUBSCRIPTIONS.

10. Each Member shall pay an Annual Subscription of £3, and on election an Entrance Fee of £2.

11. Each Associate Member shall pay an Annual Subscription of £2 10s., and on election an Entrance Fee of £1. If afterwards transferred by the Council to the class of Members, he shall pay on transference 10s. additional Subscription for the current year, and £1 additional Entrance Fee.

12. Each Graduate shall pay an Annual Subscription of £1 10s., but no Entrance Fee.

13. Each Associate shall pay an Annual Subscription of £2 10s., and on election an Entrance Fee of £1. If afterwards transferred by the Council to the class of Associate Members, he shall pay on transference no additional Subscription or Entrance Fee. If transferred direct to the class of Members, he shall pay on transference 10s. additional Subscription for the current year, and £1 additional Entrance Fee.

14. All Subscriptions shall be payable in advance, and shall become due on the 1st day of January in each year; and the first Subscription of each Member, Associate Member, Graduate, and



Associate, shall date from the 1st day of January in the year of his election, and shall, except in the cases provided for by By-law 15, entitle him to the Proceedings published during that year.

15. In the case of each Member, Associate Member, Graduate, or Associate, elected in the last three months of any year, the first Subscription shall cover both the year of Election and the succeeding year, but shall only entitle the person elected to the Proceedings published after his Election.

16. Any Member, Associate Member, or Associate, whose Subscription is not in arrear, may at any time compound for his Subscription for the current and all future years by the payment of Fifty Pounds, if paid in any one of the first five years of his membership. If paid subsequently, the sum of Fifty Pounds shall be reduced by One Pound per annum for every year of membership after five years. All compositions shall be deemed to be capital moneys of the Institution.

17. No Proceedings or Ballot Lists or Certificates shall be sent to Members, Associate Members, Graduates, or Associates, who are in arrear with their Subscriptions more than twelve months, and whose Subscriptions have not been remitted by the Council as hereinafter provided. (By-law 18.)

18. The Council may at their discretion reduce or remit the Annual Subscription, or the arrears of Annual Subscription, of any Member or Associate Member who shall have been a subscribing member of the Institution for twenty years, and shall have become unable to continue the Annual Subscription provided by these By-laws.

#### ELECTION OF MEMBERS, ASSOCIATE MEMBERS, GRADUATES, AND ASSOCIATES.

19. Every proposal for Election shall be in accordance with Form A or Form B in the Appendix, and shall be forwarded to the Secretary, who shall lay it before the Council. The Form A

must be signed by the Candidate and by not less than five Members or Associate Members, and the Form B by the Candidate and by not less than one Member or Associate Member.

20. All Elections shall take place by Ballot of the Members and Associate Members, four-fifths of the votes given being necessary for Election.

21. Every proposal for Election shall be considered by the Council. The Ballot Lists shall contain only such names in each class as are approved by the Council for Election. Each List of approved Candidates shall be signed by the Chairman of the Council Meeting authorising its issue. The Ballot Lists shall be classified, and shall specify the name, occupation and address of each Candidate, and the names of his Proposer and Seconder; they shall be sent to Members and Associate Members only, and shall be opened by, or in the presence of, a Committee appointed for that purpose by the Council. The Committee shall report the result of the Ballot to the Council.

22. The result of each Ballot shall be declared at the next General Meeting.

23. When a Candidate is elected, the Secretary shall give him notice thereof according to Forms D or E in the Appendix; but his name shall not be added to the register of the Institution until he shall have paid his Entrance Fee and first Annual Subscription.

24. In case of non-Election, no mention thereof shall be made in the Minutes, nor any notice given to the unsuccessful Candidate.

25. An Associate Member desirous of being transferred to the class of Members, or an Associate to the class of Associate Members, or to that of Members, shall forward to the Secretary a proposal according to Form C in the Appendix, signed by not less than five Members or Associate Members, which shall be laid before the Council. On their approval being given, the Secretary shall notify

the same to the Candidate according to Form F; but his name shall not be added to the list of Members or Associate Members until he shall have paid the additional Entrance Fee (if any), and the additional Subscription (if any) for the current year.

### ELECTION OF PRESIDENT, VICE-PRESIDENTS, AND MEMBERS OF COUNCIL.

26. At the General Meeting preceding the Annual General Meeting, the Council are to present a list of Members nominated by them. Any Member or Associate Member shall then be entitled to add to the list of Candidates. A Ballot List of the proposed names shall be forwarded to each Member and Associate Member. The Ballot Lists shall be opened only on the day of the Annual General Meeting, in the presence of the Council, by a Committee appointed for that purpose.

### APPOINTMENT AND DUTIES OF OFFICERS.

27. The Treasurer shall be a Banker, and shall hold the uninvested funds of the Institution, except the moneys in the hands of the Secretary for current expenses. He shall be appointed, on the recommendation of the Council, by the Members and Associate Members at a General or Special Meeting, and shall hold office at the pleasure of the Council.

28. The Secretary of the Institution shall be appointed, on the recommendation of the Council, as and when a vacancy occurs, by the Members and Associate Members at a General or Special Meeting, and shall be removable by the Council upon six months' notice from any day. The Secretary shall give the same notice. The Secretary shall devote the whole of his time to the work of the Institution, and shall not engage in any other business or profession.

29. It shall be the duty of the Secretary, under the direction of the Council, to conduct the correspondence of the Institution; to attend all meetings of the Institution, and of the Council, and of Committees; to take minutes of the proceedings of such meetings; to read the minutes of the preceding meetings, and all communications that he may be ordered to read; to superintend the publication of such Papers as the Council may direct; to have the charge of the Institution building and library; to direct the collection of the Subscriptions, and the preparation of the account of expenditure of the funds; and to present all accounts to the Council for inspection and approval. He shall also engage (subject to the approval of the Council), and be responsible for, all persons employed under him, and set them their portions of work and duties. He shall conduct the ordinary business of the Institution, in accordance with the Articles and By-laws and the directions of the President and Council; and shall refer to the President in any matters of difficulty or importance, requiring immediate decision.

30. The Auditor shall be a Fellow of the Institute of Chartered Accountants, and shall be appointed annually by the Members and Associate Members at a General or a Special Meeting, at a remuneration to be then fixed by the Members and Associate Members. The yearly Accounts, after being duly audited, shall be presented by the Council to the Annual General Meeting.

### MEETINGS.

31. Every Paper shall be submitted to the Council for approval, and after approval shall be read at a General Meeting, or shall be printed in the Proceedings without having been read at a General Meeting, as may be directed by the Council.

32. The proceedings at the General Meetings shall, as far as practicable, conform to the following order:—

- 1st. The Chair shall be taken at such hour as the Council may direct.

- 2nd. The Minutes of the previous Meeting shall be read by the Secretary, and, after being approved as correct, shall be signed by the Chairman.
- 3rd. The result of the examination of the Ballot Lists shall be declared to the Meeting, and the names of the Members, Associate Members, Graduates, and Associates elected shall be announced. Any Transferences made by the Council since the last Meeting shall also be announced.
- 4th. Papers approved by the Council shall be read by the Secretary, or by the Author, as may be directed by the Council.

33. Each Member or Associate Member shall have the privilege of introducing one friend to any of the General Meetings; but, during such portion of any Meeting as may be devoted to any business connected with the management of the Institution, visitors shall be requested by the Chairman to withdraw, if any Member or Associate Member asks that this shall be done.

34. Every Member, Associate Member, Graduate, Associate, or Visitor, shall write his name and residence in a book to be kept for the purpose, on entering each Meeting.

35. The discussion upon any Paper may be adjourned at the discretion of the Chairman.

36. Seven clear days' notice at least shall be given of every meeting of the Council. Such notice shall specify generally the business to be transacted by the meeting. No business involving the expenditure of the funds of the Institution (except by way of payment of current salaries and accounts) shall be transacted at any Council meeting unless specified in the notice convening the meeting.

#### MISCELLANEOUS.

37. The President shall *ex officio* be a member of all Committees of the Council.

38. All Communications to the Institution, unless declined, shall

be the property of the Institution, and shall be published only by the authority of the Council.

39. None of the property of the Institution shall be taken out of the premises of the Institution without the consent of the Council.

40. All Donations to the Institution shall be enumerated in the Annual Report of the Council presented to the Annual General Meeting.

41. Advance copies of Papers to be read at the Meetings may be sent to members on application to the Secretary.

42. All Books, Drawings, Communications, etc., shall be accessible to the members of the Institution at all reasonable times.

43. Graduates and Associates elected prior to 1893 shall, notwithstanding anything in these By-laws contained, retain the privileges set out in the By-laws as revised in January 1890.

## APPENDIX.

### FORM A.

(PROPOSAL AS MEMBER, ASSOCIATE MEMBER, OR ASSOCIATE.)

*Name in full*.....

*Designation or Occupation*.....

*Business Address*.....

being.....years of age, and desirous of admission into The Institution of Mechanical Engineers, we, the undersigned proposer and seconder from our *personal knowledge*, and (at least) three other supporters, propose and recommend him as a proper person to belong to the Institution.

Witness our hands, this.....day of.....

**Five Members' or Associate Members' Signatures are required.**

Proposed from *personal knowledge* by.....

Seconded from *personal knowledge* by.....

Supported from *personal knowledge* by.....

Supported from *trustworthy information* by.....

Those who sign this Form are desired to append their initials to the portions of the statement of which they have personal knowledge.

ENGAGEMENT.

I, the undersigned, do hereby agree that, in the event of my election as Member, Associate Member, or Associate, I will be governed by the regulations of The Institution of Mechanical Engineers as they are now formed or as they may hereafter be altered ; that I will advance the objects of the Institution as far as shall be in my power, and will attend the Meetings thereof as often as I conveniently can: provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing from the Institution, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

Signature of Candidate.....

\* Initials of Supporters.

Examination passed exempting from Associate Membership: Examination and date † .....

Date and Place of Birth.....

General Education (with dates).....

Technical Education (with dates, subjects, and principal successes) .....

Apprenticeship (with dates, and particulars of training received) .....

Subsequent Career (with dates, and positions held).....

Brief Details of most important Mechanical Engineering work for which Candidate has been personally responsible.....

Membership in other Societies.....

Signature of Candidate.....

\* Members supporting this proposal are requested to place their initials against those particulars of the Candidate's career of which they have personal knowledge. † Certificate to be sent in with this proposal.

FORM B.

(PROPOSAL AS GRADUATE.)

Name in full.....

Designation or Occupation.....

Business Address.....

Address for communications.....

being.....years of age, and desirous of becoming a Graduate of The Institution of Mechanical Engineers, the undersigned proposer, from personal knowledge, recommends him as a proper person to become a Graduate thereof.

Witness my hand, this.....day of.....

Proposed from personal knowledge by.....

Exempting Examination passed, and date \* .....

Date and Place of Birth.....

General Education (with dates).....

Technical Education (with dates, subjects taken, and successes gained).....

.....

Apprenticeship (with dates, and particulars of training received).....

Arrangements made for further training.....

Subsequent Career (with dates, and positions held).....

.....

Signature of Candidate.....



I, the undersigned, do hereby agree that in the event of my election I will be governed during my Graduateship by the regulations of The Institution of Mechanical Engineers, as they are now formed or as they may hereafter be altered: provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing from the Institution, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

Signature of Candidate.....

\* Certificate to be sent in with this proposal.



FORM C.

(PROPOSAL FOR TRANSFERENCE.)

Name in full.....

Designation or Occupation.....

Business Address.....

being.....years of age, and desirous of being transferred into the class of.....of The Institution of Mechanical Engineers, we, the undersigned, from our personal knowledge, recommend him as a proper person to be so transferred by the Council.

Witness our hands, this.....day of.....

Five Members' or Associate Members' Signatures are required, from personal knowledge.

(Members of the Council do not sign this form.)

Proposed by.....

Seconded by.....

Those who sign this Form are desired to append their initials to the portions of the statement of which they have personal knowledge.

\* Initials of Supporters.

Qualifications (since joining the Institution).....

.....

Signature of Candidate.....

\* Members supporting this proposal are requested to place their initials against those particulars of the Candidate's career of which they have personal knowledge.

FORM D.

Sir,—I have the pleasure to inform you that on the..... you were elected a.....of The Institution of Mechanical Engineers. For the ratification of your election in conformity with the rules, it is requisite that your Entrance Fee and first Annual Subscription be paid, the amounts of which are.....and.....respectively. If these be not received within two months from the present date, the Election will become void.

I am, Sir, Your obedient servant,  
Secretary.

## FORM E.

Sir,—I have the pleasure to inform you that on the..... you were elected a **Graduate** of The Institution of Mechanical Engineers. For the ratification of your election in conformity with the rules, it is requisite that your first Annual Subscription be paid, the amount of which is £1 10s. 0d. If this be not received within two months from the present date, the Election will become void.

I am, Sir, Your obedient servant,  
Secretary.

## FORM F.

Sir,—I have the pleasure to inform you that the Council have approved of your being transferred to the class of.....of The Institution of Mechanical Engineers. For the ratification of your Transference in conformity with the rules, it is requisite that your additional Entrance Fee and additional Annual Subscription for the current year be paid, the amounts of which are.....and.....respectively. If these be not received within two months from the present date, the Transference will become void.

I am, Sir, Your obedient servant,  
Secretary.

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