

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—*continued.*

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Westinghouse, G., Pittsburg, U.S.A. Steam-turbine ..	16017	23 Feb. ..	18	5 March.
Whisker, N. H., and others, Auckland, N.Z. Fire-escape ..	15967	10 Feb. ..	18	19 Feb.*
White, A. M., Bolivia, N.S.W. Ploughshare. (J. Ainsworth) ..	14827	25 April, 1902..	6	23 Jan.
White, H., and another, Christchurch, N.Z. Cramp for picture-frames ..	15893	20 Jan. ..	9	5 Feb.*
White, S., Dunedin, N.Z. Opening bottles of soda-water, &c. ..	15921	27 Jan. ..	9	5 Feb.*
Whitney, A. N., Auckland, N.Z. Vessel for despatch, pleasure, &c. ..	15958	7 Feb. ..	13	19 Feb.*
Wickens, W., Christchurch, N.Z. Navigation of river ..	16148	25 March ..	29	16 April.
Wilkins, T., Lawrence, N.Z. Knife-cleaner ..	16023	25 Feb. ..	18	5 March.*
Wilkinson, W., Roslyn, N.Z. Locking-device for fish-plate nut ..	16154	30 March ..	29	16 April.*
Williams, H., Lyttelton, N.Z. Life-saving raft ..	15934	2 Feb. ..	18	19 Feb.*
Williams, J. L., North Melbourne, Vic. Flushing latrine ..	16164	30 Dec., 1902 ..		
Williams, R., East Taieri, N.Z. Wire-strainer ..	16091	12 March ..	25	2 April.*
Willmot, T., and another, Sydney, N.S.W. Coating wooden blocks with tar ..	16043	3 March ..	21	19 March.
Wilson, H. E., Auckland, N.Z. Kettle or pan bottoms ..	16052	2 March ..	21	19 March.*
Wilson, J., and others, Auckland, N.Z. Fire-escape ..	15967	10 Feb. ..	13	19 Feb.*
Wilson, W. D., Auckland, N.Z. Swingle-tree iron ..	16146	25 March ..	29	16 April.*
Wix, N. V. G., and others, Wellington, N.Z. Ventilating halls, &c. ..	14952	4 June, 1902 ..	21	19 March.
Woltereck, H. C., London, Eng. Manufacture of ammonia ..	15892	21 Jan. ..	9	5 Feb.
Wren, J., and another, Kew, Vic. Automatic spring-catch for sliding sashes, louvres, &c. (J. T. and C. M. Young) ..	15839	8 Jan. ..	6	23 Jan.
Wright, R., Newcastle-on-Tyne, Eng. (See Sir W. G. Armstrong, Whitworth, and Co., Limited, No. 16133.)				
Young, C. E., and another, Eltham, N.Z. Probe for teats of cows, &c. ..	15964	10 Feb. ..	13	19 Feb.*
Young, C. M., North Bendigo, Vic. (See J. T. Young and J. Wren, No. 15839.)				
Young, J. T., and another, Williamstown, Vic. Automatic spring-catch for sliding sashes, louvres, &c. (J. T. and C. M. Young)	15839	8 Jan. ..	6	23 Jan.

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 31st MARCH, 1903.

* Denotes a provisional specification. † Denotes a prior date under section 106 of "The Patents, Designs, and Trade Marks Act, 1889."

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Account-book	T. Foster and T. T. Paul ..	15911	24 Jan. ..	9	5 Feb.*
Advertising	G. Darrell ..	15049	27 June, 1902	25	2 April.
Advertising, Using waste light of shop for ..	H. Ashworth ..	16004	20 Feb. ..	18	5 March.*
Aerated liquid, Dispensing ..	J. Fletcher ..	16011	21 Feb. ..	18	5 March.
Aerating and carbonating liquid ..	F. J. Fletcher ..	15996	18 Feb. ..	18	5 March.
Aerator	K. Walker ..	15923	27 Jan. ..	9	5 Feb.*
Aerator, Milk-	R. J. Moore ..	16026	25 Feb. ..	18	5 March.*
Air and steam to furnace, Supplying ..	G. Claydon ..	15061	30 June, 1902	18	5 March.
Air-brake operating-device ..	J. Salinger ..	15982	11 Feb. ..	18	5 March.
Airing and drying clothes ..	W. B. Giesen ..	15878	19 Jan. ..	9	5 Feb.*
Air-pump	H. F. Mander and F. Lewis ..	15986	17 Feb. ..	18	5 March.*
Air-purification in mine ..	W. P. Jarvie ..	15919	29 Jan. ..	9	5 Feb.*
Alcohol, Commercial	E. T. Horne and G. L. Jones ..	16036	26 Feb. ..	25	2 April.
Alloy, Aluminium	C. F. Lungley ..	15850	9 Jan. ..	9	5 Feb.*
Aluminium alloy	C. F. Lungley ..	15850	9 Jan. ..	9	5 Feb.*
Amalgamating, &c., machine, Electrical ..	E. Richardson ..	15000	13 June, 1902	25	2 April.
Ammonia by synthesis, Producing ..	H. C. Woltereck ..	15892	21 Jan. ..	9	5 Feb.
Angle-iron	T. Stevenson ..	15902	23 Jan. ..	19	13 Feb.
Angle-iron for bedstead ..	S., C., and A. Holmes ..	16119	21 March ..	37	14 May.
Animal-cover, Securing front of ..	A. S. Hasell ..	16038	2 March ..	21	19 March.*
Animal-trap	R. McLean ..	14595	7 March ..	6	23 Jan.
Animal trap	W. Borlase ..	15735	6 Dec., 1902	25	2 April.
Animal-trap	F. W. Barton ..	15978	11 Feb. ..	13	19 Feb.*
Anti-rattling window-attachment ..	H. Agar ..	16045	4 March ..	21	19 March.*
Antiseptic match or torch ..	D. L. Turner ..	16060	7 March ..	21	19 March.
Arrester. (See Spark-arrester.)					
Artificial fuel	A. Edelmann ..	15951	4 Feb. ..	13	19 Feb.
Artificial manure	E. T. Horne and G. L. Jones ..	16035	26 Feb. ..	25	2 April.
Artificial stone	J. S. Rigby ..	15972	12 Feb. ..	13	19 Feb.
Artificial-stone blocks	R. W. England, jun... ..	15991	13 Feb. ..	18	5 March.*
Artificial-stone blocks	R. W. England, jun... ..	16008	18 Feb. ..	18	5 March.*
Artificial stone, Mould for ..	L. P. Ford ..	16131	25 March ..	25	2 April.
Auriferous material, Locating.. ..	E. de N. de Loitte ..	16144	24 March ..	29	16 April.*
Auriferous material, Stirring ..	P. Ferguson ..	15965	11 Feb. ..		
Automatic-discharge filter-bed ..	J. B. King ..	15860	8 Jan. ..	6	23 Jan.*
Automatic letter, &c., stamping-machine ..	J. H. Husband ..	15829	5 Jan. ..	6	23 Jan.*
Automatic lubricator	E. A. Holden ..	15873	12 Jan. ..	9	5 Feb.
Auxiliary driving-mechanism for cycle ..	E. M. McLaughlan ..	16025	25 Feb. ..	18	5 March.*
Axle. (See Carriage-axle, Vehicle-axle.)					