



SUPPLEMENT
TO THE
NEW ZEALAND GAZETTE
OF
THURSDAY, DECEMBER 17, 1903.

Published by Authority.

WELLINGTON, THURSDAY, DECEMBER 17, 1903.

ALPHABETICAL LISTS
OF
INVENTORS, INVENTIONS,
APPLICANTS FOR
REGISTRATION OF TRADE MARKS,
AND
APPLICANTS FOR REGISTRATION OF DESIGNS,
FOR QUARTER ENDING 30TH SEPTEMBER, 1903.

Alphabetical Lists for the preceding quarters of the year 1903 appear in *Gazettes* No. 43 of the 28th May and No 70 of the 3rd September.

Alphabetical List of Applicants for Letters Patent for Quarter ending 30th September, 1903.

THIS list includes also (1) applications lodged prior to but gazetted during the quarter, (2) complete specifications following provisional specifications accepted and gazetted during the quarter. Where the number and date of the *Gazette* are omitted, the application has not yet been accepted.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Adams, D., and another, Wellington, N.Z. Wall-plaster. (M. E. Loose)	16666	21 July ..	66	20 Aug.
Adams, R. L., and another, Wellington, N.Z. Wall-plaster. (M. E. Loose)	16666	21 July ..	66	20 Aug.
Adams, W. J., and another, Sydney, N.S.W. Latch-lock ..	16911	4 Sept. ..	74	17 Sept.*
Affleck, E. E., Sydney, N.S.W. (See The Reference Company, Limited, No. 16942.)				
Ahern, J. M., Sydney, N.S.W. Boiler-tube cleaner ..	17021	25 Sept. ..	81	15 Oct.*
Ah Pat, Foxton, N.Z. Bicycle-driving mechanism ..	16579	3 July ..	60	23 July.*
Aitken, R., and another, Gunnedah, N.S.W. Gas-generator ..	16752	6 Aug. ..	66	20 Aug.*
Aitken, W., Oamaru, N.Z. Window attachment ..	16657	16 July ..	63	6 Aug.*
Alcock, H. U., Melbourne, Vic. Convertible billiard and dining table	17018	19 Sept. ..	81	15 Oct.*
Alkemade, P. van L., Melbourne, Vic. Rabbit-trapping fence ..	16971	14 Sept. ..	78	1 Oct.*
Allan, E. A., Dunedin, N.Z. Cake-tin ..	16585	1 July ..	60	23 July.*
Alley, F. L., and another, Sydney, N.S.W. (See United Shoe Machinery Company, No. 16945.)				
Allnutt, G. T., and another, Melbourne, Vic. Rotary gauge ..	16835	19 Aug. ..	70	3 Sept.*
Alpas, J. S. J., Masterton, N.Z. Day and invoice books ..	17008	21 Sept. ..	81	15 Oct.*
Alzugaray, De. (See under De.)				
Anderson, A. P., Middle Brighton, Vic. Pianists' hand gymnasia ..	16653	17 July ..	63	6 Aug.*
Anderson, J., Dunedin, N.Z. Rotary pump ..	16204	3 July ..	60	23 July.
Anderson, R., and another, Hokonui, N.Z. Post-hole borer ..	16916	4 Sept. ..	78	1 Oct.*
Anderson, W., Abbotsford, N.Z. Cutting sheet metal ..	16962	9 Sept. ..	78	1 Oct.*
Anderson, W. J., and others, Melbourne, Vic. Presser-plates for cheese	16793	13 Aug. ..	70	3 Sept.*
Andrew, R., Melbourne, Vic. Bucket and suction dredge ..	16931	11 May† ..	78	1 Oct.
Anscombe, C. E., Dunedin, N.Z. Preventing sash-cord running back over pulley	16644	14 July ..	63	6 Aug.*
Ansell. (See King-Ansell.)				
Arragon, M., Adelong, N.S.W. Heating schools, &c. ..	16640	16 July ..	66	20 Aug.
Ashcroft, A., and another, Auckland, N.Z. Tramway-seat ..	16905	29 Aug. ..	74	17 Sept.*
Ashcroft, A., and another, Auckland, N.Z. Fire-kindler ..	17002	16 Sept. ..	84	29 Oct.*
Austin, H., and another, Erdington, Eng. Flexible joint for shearing-machine	16909	4 Sept. ..	78	1 Oct.
Australian Agency Company, The, Melbourne, Vic. (See W. A. Shields, No. 16885.)				
Bain, W., Christchurch, N.Z. Castor ..	15764	15 Dec., 1902 ..	74	17 Sept.
Baird, A. C., Auckland, N.Z. Engine-silencer ..	16716	29 July ..	66	20 Aug.*
Baird, A. C., Auckland, N.Z. Engine-silencer ..	16875	25 Aug. ..	74	17 Sept.*
Baird, J., Auckland, N.Z. Window-gear ..	16906	1 Sept. ..	74	17 Sept.*
Baird, J., Auckland, N.Z. Non-weighted window-gear ..	17036	24 Sept. ..	81	15 Oct.*
Baldwin, E. S., and another, Wellington, N.Z. Bottle-closure. (W. Weddel - J. Thompson)	16929	9 Sept. ..	78	1 Oct.
Barnard, A. W. A., Dunedin, N.Z. Recording shot patterns ..	16618	7 July ..	60	23 July.*
Barnes, G., Sydney, N.S.W. (See J. G. Lodge, No. 16863.)				
Barnsdale, W., and others, Auckland, N.Z. Extractor and clarifier	16848	25 Aug. ..	70	3 Sept.*
Barnsdale, W., Auckland, N.Z. Sterilising bonedust ..	16800	14 Aug. ..	74	17 Sept.*
Barton, E. L'E., Hawera, N.Z. Electric conductor ..	15804	23 Dec., 1902 ..	78	1 Oct.
Bates, J., Auckland, N.Z. Stove ..	16649	17 July ..	66	20 Aug.
Bates, J., Auckland, N.Z. Portable boiler ..	16661	18 July ..	63	6 Aug.*
Bates, J., Invercargill, N.Z. Trace fastening ..	16622	8 July ..	63	6 Aug.*
Baugh, De. (See under De.)				
Bawden, W. R., Kalgoolie, W.A. Clinostat ..	16613	10 July ..	60	23 July.*
Beamish, W., Cromwell, N.Z. Carrying a running line along a standing line	16983	11 Sept. ..	78	1 Oct.*
Beamish, W., Cromwell, N.Z. Oil-feeding can ..	16984	11 Sept. ..	78	1 Oct.*
Beamish, W., Cromwell, N.Z. Trouser-clip ..	16822	17 Aug. ..	70	3 Sept.*
Beamish, W., Cromwell, N.Z. Rebusing dredge-buckets ..	16821	17 Aug. ..	70	3 Sept.*
Beamish, W., Cromwell, N.Z. Boot-fastener ..	16681	20 July ..	66	20 Aug.*
Beamish, W., Cromwell, N.Z. Sling and shackle ..	16682	20 July ..	66	20 Aug.*
Beamish, W., Cromwell, N.Z. Sack-mouth fastener ..	16683	20 July ..	66	20 Aug.*
Beamish, W., Cromwell, N.Z. Shackle ..	16863	21 Aug. ..	74	17 Sept.*
Beaumont, W., Wanganui, N.Z. Milk-strainer ..	16863	18 May ..	74	17 Sept.
Bedell, B. H., and another, London, Eng. Electric contact stud ..	16639	16 July ..	63	6 Aug.
Bell, B. A., Orepuki, N.Z. Colouring photos, &c. ..	16599	7 July ..	63	6 Aug.
Bennet, W., Dunedin, N.Z. Boot sole and heel ..	16954	7 Sept. ..	78	1 Oct.
Benson, J., Grove Bush, N.Z. Collar and hames ..	16754	6 Aug. ..	81	15 Oct.
Berg, J. A., Christchurch, N.Z. Candlestick ..	16604	7 July ..	63	6 Aug.*
Bergan, J., Granville, N.S.W. Lighting and extinguishing lamps ..	16913	4 Sept. ..	78	1 Oct.
Berry, T. C., Ohingaiti, N.Z. Wire-strainer ..	16896	1 Sept. ..	78	1 Oct.*
Bews, J., Mokoreta, N.Z. Milking machine ..	16814	14 Aug. ..	70	2 Sept.*
Black, R. S., Dunedin, N.Z. Animal-trap ..	15487	3 Oct., 1902 ..	70	3 Sept.
Blick, B., Blenheim, N.Z. Cleaning and polishing boots	16708	30 July ..	66	20 Aug.*
Blundell, F. H., Halcombe, N.Z. Dehorning calves ..	16792	13 Aug. ..	70	3 Sept.*
Bodycomb, B., Melbourne, Vic. Milking apparatus. (W. H. Lawrence)	16676	24 July ..	66	20 Aug.*
Bolton, G., Dunedin, N.Z. Ventilator ..	16647	11 July ..	63	6 Aug.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Bolton, G., Dunedin, N.Z. Water-closet and latrine	16692	23 July ..	66	20 Aug.*
Borchardt, N., Sydney, N.S.W. Artificial stone	16912	4 Sept. ..	78	1 Oct.
Botting, W. J., Shannon, N.Z. Blight-destroying composition ..	15538	22 Oct., 1902 ..	60	23 July.
Bowles, W., Auckland, N.Z. Ventilator	17053	28 Sept. ..	91	26 Nov.
Bowmar, E., Gore, N.Z. Canister for sowing turnip, &c. ..	15604	5 Nov., 1902 ..	66	20 Aug.
Boyens, W. H., and another, Kaikoura, N.Z. Signalling for railways	16612	10 July ..	60	23 July.*
Boys, F. T., and another, Dunedin, N.Z. Label-fastening ..	17029	25 Sept. ..	81	15 Oct.*
Braddock, W. C., Blenheim, N.Z. Cleaning and washing fruit ..	16602	8 July ..	60	23 July.*
Brand, F. A., Benicia, U.S.A. Disc plough	15925	30 Jan. ..	74	17 Sept.
Brain, E., and another, Auckland, N.Z. Electric battery ..	17061	30 Sept. ..	84	29 Oct.*
Brain, W. B., and another, Auckland, N.Z. Electric battery ..	17061	30 Sept. ..	84	29 Oct.*
Brent, C. D., Cromwell, N.Z. Hairpin	16986	11 Sept. ..	81	15 Oct.*
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. (See J. P. Campbell, No. 16865.)				
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. (See W. E. Hughes, No. 17041.)				
Bristow, C., Christchurch, N.Z. Turnip, &c., sower	17028	26 Sept. ..	81	15 Oct.*
Brock, A., Sutton, Eng. Explosive	16601	8 July ..	63	6 Aug.
Brooks, J., Wellington, N.Z. Composition for cleaning harness ..	16671	23 July ..	70	3 Sept.
Brophy, C. M., Upper Manilla, N.S.W. Measuring ladies' skirts ..	16598	6 July ..	63	6 Aug.
Brown, G. W., and another, South Preston, Vic. Steam-generator ..	16795	13 Aug. ..	70	3 Sept.
Brown, P. J., Little Kyeburn, N.Z. Gum boot	16632	13 July ..	63	6 Aug.*
Brown, W., Dunedin, N.Z. Room-heater. (M. Raleigh) ..	16946	10 Sept. ..	81	15 Oct.
Browne, M., Gisborne, N.Z. Hairpin	16763	4 Aug. ..	70	3 Sept.*
Brownley, A. H., Onehunga, N.Z. Tap and gauge	16638	16 July ..	63	6 Aug.
Bruce, J., and another, New Plymouth, N.Z. Brake for dray ..	16689	23 July ..	66	20 Aug.
Brun. (See Le Brun.)				
Buckland, H., Waikouaiti, N.Z. Newspaper-stand	16729	31 July ..	66	20 Aug.*
Budge, G. S., Auckland, N.Z. Turning leaves of music ..	16781	11 Aug. ..	70	3 Sept.*
Bunvan, F., Janesville, U.S.A. (See C. W. Nielsen, No. 16751.)				
Burke, P., and another, Dacre, N.Z. Gripper for traction-engine wheels	16812	14 Aug. ..	70	3 Sept.*
Burman, E. S., and others, Melbourne, Vic. Presser-plates for cheese	16793	13 Aug. ..	70	3 Sept.*
Burn, F., and another, Timaru, N.Z. Calculating quantity of seed sown	16827	20 Aug. ..	70	3 Sept.*
Burnett, C. H., Fordell, N.Z. Folding hat	16843	22 Aug. ..	70	3 Sept.*
Burrell, D. H., Little Falls, U.S.A. (See A. Harvey, No. 16739.)				
Burrell, T., North Melbourne, Vic. Adjustable sole and heel for boot	16898	2 Sept. ..	78	1 Oct.
Burrell, W., and another, Melbourne, Vic. Crate for cheese ..	16834	19 Aug. ..	70	3 Sept.*
Burt, A., Dunedin, N.Z. Skylight-bars	16786	12 Aug. ..	66	20 Aug.*
Burt, A., Dunedin, N.Z. Ventilator	16854	22 Aug. ..	74	17 Sept.*
Butel, G., Gore, N.Z. Tap or valve	16728	3 Aug. ..	66	20 Aug.*
Butler, J., and another, Dacre, N.Z. Gripper for traction-engine wheels	16812	14 Aug. ..	70	3 Sept.*
Cadett, J. W. T., and another, Ashtead, Eng. Secondary battery ..	16703	29 Jan.† ..	66	20 Aug.
Caley, T. L., Auckland, N.Z. Cuff-protector	16893	28 Aug. ..	74	17 Sept.
Calvert, A., and another, Christchurch, N.Z. Measuring liquids ..	16966	10 Sept. ..	78	1 Oct.
Calvert, J. P., and another, Christchurch, N.Z. Measuring liquids ..	16966	10 Sept. ..	78	1 Oct.
Calvert, J. P., and Son, Christchurch, N.Z. (See A. and J. P. Calvert, No. 16966.)				
Cameron, E. A., and another, Invercargill, N.Z. Travelling race ..	16627	8 July ..	63	6 Aug.*
Campbell, A., Sutton, N.Z. Dust-proof attachment for watch ..	16881	28 Aug. ..	74	17 Sept.*
Campbell, J. P., Wellington, N.Z. Regulating voltage. (British Westinghouse Electric and Manufacturing Company, Limited)	16865	27 Aug. ..	..	..
Carkeek, T., Otaki, N.Z. Sighting-bar for rifle	16766	7 Aug. ..	70	3 Sept.*
Carlyle, J., Waimate, N.Z. Feeding-trough	15412	18 Sept., 1902 ..	60	23 July.
Carlyle, J., Waimate, N.Z. Bird-trap	16575	1 July ..	63	6 Aug.
Carr, F. L., jun., Wellington, N.Z. Optical illusion	16998	18 Sept. ..	81	15 Oct.
Carr, F. L., jun., Wellington, N.Z. Artificial flower	16748	5 Aug. ..	66	20 Aug.*
Carson, A. A., Ashburton, N.Z. Tank-strainer	16669	21 July ..	63	6 Aug.*
Carter, H., and another, Auckland, N.Z. Cleaning kauri-gum ..	16665	18 July ..	63	6 Aug.*
Castle, P., and another, Surbiton, Eng. Burner. (S. A. Rosenthal)	16860	26 Aug. ..	74	17 Sept.*
Castledine, F. P., Melbourne, Vic. Parlour-game	16704	29 July ..	66	20 Aug.*
Causer, P. J., and others, Katamatite, Vic. Wire-strainer ..	16796	14 Aug. ..	81	15 Oct.
Channon, J., Hornsby, N.S.W. Seal lock. (W. T. Percival) ..	16948	10 Sept. ..	81	15 Oct.
Channon, J., Sydney, N.S.W. Seal lock. (J. J. Russell) ..	16753	6 Aug. ..	70	3 Sept.
Cherrie, M. J., Huntly, N.Z. Opening oysters	15705	2 Dec., 1902 ..	70	3 Sept.
Christchurch Meat Company, Limited, The, and another, Christ- church, N.Z. Lifting skins	16841	22 Aug. ..	70	3 Sept.*
Church, G. F., Lauriston, N.Z. Knife for cutting gorse, &c. ..	17015	23 Sept. ..	81	15 Oct.*
Clark, H., and others, Auckland, N.Z. Clay pipe	16852	25 Aug. ..	74	17 Sept.*
Clark, S., and another, Auckland, N.Z. Fire-kindler	17002	16 Sept. ..	84	29 Oct.*
Clark, S., and another, Auckland, N.Z. Tramway-seat	16905	29 Aug. ..	74	17 Sept.*
Cleaver, A. E., Rongotea, N.Z. Fire-escape	15532	18 Oct., 1902 ..	66	20 Aug.
Clifford, J. M., and another, Morrinsville, N.Z. Flax-drum ..	16919	3 Sept. ..	74	17 Sept.*
Cobley, W., and another, Gunnedah, N.S.W. Gas-generator ..	16752	6 Aug. ..	66	20 Aug.*
Coe, H., Greymouth, N.Z. Plough attachment	15642	17 Nov., 1902 ..	78	1 Oct.
Cohn, H., and another, London, Eng. Converting ironsand into briquettes	16978	16 Sept. ..	78	1 Oct.*
Cole, G. L., Wellington, N.Z. Sprinkler for bottle	16742	5 Aug. ..	66	20 Aug.*
Coleman, E. M. G., Melbourne, Vic. Automatically igniting matches	16784	12 Aug. ..	70	3 Sept.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Colonial Ferro-Concrete Syndicate, Limited, The, London, Eng. Concrete structures. (H. Foort)	16933	9 Sept. ..	78	1 Oct.
Colvin, O. F., Melbourne, Vic. Manufacture of mineral wool ..	17020	25 Sept. ..	81	15 Oct.*
Coogan, J., and another, Taihape, N.Z. Safety saddle-stirrup bar ..	16768	7 Aug. ..	70	3 Sept.
Coomber, J. D., Dunedin. Raising gold	16761	4 Aug. ..	70	3 Sept.
Cotton, F., Hornsby, N.S.W. Gas-furnace	16619	8 July ..	60	23 July.*
Coulsell, F. F., and others, Melbourne, Vic. Multitubular boiler ..	15677	25 Nov., 1902..	70	3 Sept.
Coulsell, L. B., and others, Melbourne, Vic. Multitubular boiler ..	15677	25 Nov., 1902..	70	3 Sept.
Coulsell, A. C., and others, Melbourne, Vic. Multitubular boiler ..	15677	25 Nov., 1902..	70	3 Sept.
Coulsell, H. W., and others, Melbourne, Vic. Multitubular boiler ..	15677	25 Nov., 1902..	70	3 Sept.
Coulthard, T. W., Mangapai, N.Z. Broom-handle-tapering machine	16974	15 Sept ..	81	15 Oct.*
Crawshaw, T. B., Christchurch, N.Z. Duplicate-order pad ..	16999	18 Sept. ..	78	1 Oct.*
Crease, H. E., and another, Karangahake, N.Z. Nail and tooth brush	16778	11 Aug. ..	70	3 Sept.*
Cresswell, R., Spring Creek, N.Z. Finger for reaping-machine ..	16721	31 July ..	66	20 Aug.
Cristadoro, C., St. Paul, U.S.A. Kneading and mixing machine ..	16663	16 July ..	66	20 Aug.
Crosbie, R. M., Dunedin, N.Z. Guide-chute for flax-stripping machine	16888	26 Aug. ..	74	17 Sept.*
Cruickshank, C. M., Gore, N.Z. Water-tap	16765	7 Aug. ..	70	3 Sept.*
Cummings, A. L., Auckland, N.Z. Anti-friction device for planes ..	16691	27 July ..	66	20 Aug.
Cunningham, C. S., and another, Melbourne, Vic. Rowing-machine	15439	20 Sept., 1902	57	9 July.
Currie, A., and another, Springhills, N.Z. Post-hole borer ..	16916	4 Sept. ..	78	1 Oct.*
Curry, R. W., Brisbane, Queensland. Liquid-salt producing ..	16991	17 Sept. ..	87	12 Nov.
Dale, A., Morven, N.Z. Spreader for trace-chain	16918	3 Sept. ..	78	1 Oct.
Dane, E. A., and another, Auckland, N.Z. Metal-shield tire for bicycle	16829	17 Aug. ..	70	3 Sept.*
Daniel, A. J., and another, Petone, N.Z. Treating offal	16735	3 Aug. ..	66	20 Aug.*
Daniels, H., Springsure, Queensland. Potato-harvester	16706	27 July ..	66	20 Aug.*
Davidson, H., and others, Katamatite, Vic. Wire-strainer	16796	14 Aug. ..	81	15 Oct.
Davidson, W. L., Cheviot, N.Z. Unrefillable bottle	15554	27 Oct., 1902 ..	66	20 Aug.
Davis, F. L., Auckland, N.Z. Sash-regulator	16648	17 July ..	63	6 Aug.*
Dawes, T., Auckland, N.Z. Bath-salt	16920	2 Sept. ..	74	17 Sept.*
Dawson, R., and another, London, Eng. Burner. (S. A. Rosenthal)	16860	26 Aug. ..	74	17 Sept.*
Dempster, G., Edendale, N.Z. Envelope-fastener	16883	28 Aug. ..	74	17 Sept.*
De Alzugaray, J. B., Bromley, Eng. Manufacture of iron	16713	29 July ..	66	20 Aug.
De Baugh, H. W., Auckland, N.Z. Washing-boiler	16609	6 July ..	60	23 July.*
De Montalk, R. W., Auckland, N.Z. Treatment of sewage	16894	27 Aug. ..	74	17 Sept.*
Dennis, T. A., Melbourne, Vic. Lifting posts out of ground. (T. T. Shaw)	16915	4 Sept. ..	78	1 Oct.
D'Esmonde, J., Auckland, N.Z. Saucepan	16960	9 Sept. ..	78	1 Oct.*
D'Esmonde, J., and another, Auckland, N.Z. Kettle	17037	24 Sept. ..	81	15 Oct.*
De Schryver, T., Auckland, N.Z. Closet. (Treuessdale)	16851	25 Aug. ..	..	..
Dewhirst, A. S., Horoeka, N.Z. Brooch-pin	16833	21 Aug. ..	70	3 Sept.*
Dickison, J., jun., East Chatton, N.Z. Double ridger	16802	14 Aug. ..	70	3 Sept.*
Diehl, P., and another, Elizabethport, U.S.A. Rotary take-up for sewing-machine	16828	18 Aug. ..	74	17 Sept.
Dobbie and Co., A W., Adelaide, S.A. (See J. Sawyers, No. 16936.)				
Dolbear, C. E., Los Angeles, U.S.A. Caustic soda	17050	29 Sept. ..	84	29 Oct.
Dorricott, A., and others, Auckland, N.Z. Clay pipe	16852	25 Aug. ..	74	17 Sept.*
Droutledge, H., Auckland, N.Z. Registering-number-recording machine	16907	1 Sept. ..	78	1 Oct.
Duffin, H., Auckland, N.Z. Hose-coupling	16897	1 Sept. ..	78	1 Oct.*
Duffy, C. J., Sydenham, N.Z. Convertible billiard and dining table	16690	27 July ..	66	20 Aug.*
Duncan, J., and others, Greymouth, N.Z. Rotary screen	16842	22 Aug. ..	74	17 Sept.*
Dungey, J., Lawrence, N.Z. (See C. L. Watt, No. 16789.)				
Dunk, W. H., Sydney, N.S.W. Machine for turning masts, &c. ..	16874	27 Aug. ..	74	17 Sept.
Dunlop Pneumatic Tire Company of Australasia, Limited, Melbourne, Vic. Pneumatic tire. (F. Wolff)	16943	10 Sept. ..	74	17 Sept.*
Dunn, D., Oamaru, N.Z. Milk-strainer	16857	26 Aug. ..	81	15 Oct.
Dunn, B. F., Auckland, N.Z. Dredging-machine	16770	5 Aug. ..	66	20 Aug.*
Dunne, R., Dunedin, N.Z. Bottle stopper	17030	25 Sept. ..	81	15 Oct.*
Dunne, R., Dunedin, N.Z. Mitre-cutting device	16662	16 July ..	63	6 Aug.*
Early, F., Wellington, N.Z. Piano mute	16746	5 Aug. ..	66	20 Aug.*
Edison, T. A., Orange, U.S.A. Dry separation of ores	16621	8 July ..	63	6 Aug.
Edwards, M. B., Woodend, N.Z. Horseshoe	16634	14 July ..	63	6 Aug.*
Edwards, T., Colorado Springs, U.S.A. (See G. G. Turri, Nos. 15941, 15942, and 16988.)				
Edwards, W. H., Onehunga, N.Z. Cold-storage safe	16737	31 July ..	66 78	20 Aug.* 1 Oct.
Ellerm, E. J., New Plymouth, N.Z. Dust, draught, and rain ex- cluder	16976	15 Sept. ..	78	1 Oct.*
Evans, J. J., and another, Mititai, N.Z. Cleaning kauri-gum ..	16665	18 July ..	63	6 Aug.*
Facer, J., Pavenham, Eng. (See T. G. Stevens, No. 16992.)				
Farkas, A., Paris, France. (See New Inverted Incandescent Gas- lamp Company, Limited, No. 17040.)				
Fenwick, R., and another, East Oxford, N.Z. Wire-coiler	16830	21 Aug. ..	70	3 Sept.*
Fenwick, F., and another, East Oxford, N.Z. Wire-coiler	16830	21 Aug. ..	70	3 Sept.*
Ferrell, J. L., Philadelphia, U.S.A. Wood-preserving	17056	30 Sept. ..	84	29 Oct.
Ferrell, J. L., Philadelphia, U.S.A. Wood-preserving	17057	30 Sept. ..	84	29 Oct.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Fischer, L., and another, Frankfort-on-the-Main, Germany. Support for photographic printing	16836	19 Aug.	74	17 Sept.
Fisher, D., Wellington, N.Z. (See F. G. Lindback, No. 16670.)				
Fiske, A. J., Melbourne, Vic. Horse-rug fastener ..	17013	23 Sept.	81	15 Oct.*
Foort, H., London, Eng. (See The Colonial Ferro-Concrete Syndicate, Limited, No. 16933.)				
Ford, J., Cromwell, N.Z. Brush ..	17016	19 Sept.	87	12 Nov.*
Foreign McKenna Process Company, Milwaukee, U.S.A. Charging-machine. (D. H. Lentz)	16816	19 Aug.	81	15 Oct.
Fortescue, G. E., and another, Tallangatta, Vic. Forcing rabbit-poison	16620	8 July	63	6 Aug.
Fortescue, A. J., and another, Tallangatta, Vic. Forcing rabbit-poison	16620	8 July	63	6 Aug.
Foster, G., Auckland, N.Z. Watertight boots ..	16590	4 July	63	6 Aug.
Foster, T., and another, Dunedin, N.Z. Account-book ..	15911	24 Jan.	63	6 Aug.
Frengley, J. P. S., Nelson, N.Z. Treating sewage ..	16831	21 Aug.	70	3 Sept.*
Fuller, J. H., Auckland, N.Z. Writing-desk, &c. ..	16876	25 Aug.	74	17 Sept.*
Gaitt, L., Middlemarch, N.Z. Animal-trap ..	16655	15 July	63	6 Aug.*
Gallagher, J., Auckland, N.Z. Indicating rise in temperature ..	16699	28 July	66	20 Aug.*
Gamble, C. G., Waddington, N.Z. Wire-winder ..	16635	14 July	63	6 Aug.*
Gaye, E. F. H., Dunedin, N.Z. Cuff-fastener ..	16884	28 Aug.	74	17 Sept.*
Gell, J., London, Eng. Tape perforating apparatus ..	16637	16 July	66	20 Aug.
Gentles, H. J., Auckland, N.Z. Wash-up mop ..	16859	26 Aug.	74	17 Sept.*
Gibbons, R. P., and another, Auckland, N.Z. Metal-shield tire for bicycle	16829	17 Aug.	70	3 Sept.*
Gibbs, R. W., Nelson, N.Z. Door-check ..	16584	2 July	..	..
Gibson, H. C. W., and another, London, Eng. Manufacture of tubes	16782	12 Aug.	70	3 Sept.
Gilberd, H. J., Auckland, N.Z. Treating coal in ships ..	17026	18 Sept.	81	15 Oct.
Gillies, A., Terang, Vic. Pneumatic teat-cup ..	16944	10 Sept.	74	17 Sept.*
Gillow, E., Westport, N.Z. Drawing-board, easel, and T square ..	16969	12 Sept.	78	1 Oct.*
Ginsberg, R., Wellington, N.Z. Securing spouting to walls ..	16773	10 Aug.	70	3 Sept.*
Girven, J., Hikurangi, N.Z. Cutting up soap ..	16615	10 July	60	23 July.*
Goodman, W. G. T., and another, Dunedin, N.Z. Car-fender ..	16631	13 July	63	6 Aug.*
Gore, C. G. R., Auckland, N.Z. Window-fastener ..	16844	22 Aug.	70	3 Sept.*
Gore, T., Pahiataua, N.Z. Commode ..	16815	18 Aug.	70	3 Sept.*
Gough, F., German Creek, N.Z. Railway-level indicator ..	16819	19 Aug.	70	3 Sept.*
Gough, F., German Creek, N.Z. Milk-strainer ..	16820	19 Aug.	70	3 Sept.*
Goyder, G. A., and another, Adelaide, S.A. Separation of minerals..	16466	10 June	78	1 Oct.
Grant, F. W., and another, Sydney, N.S.W. Water-lift ..	16990	17 Sept.	..	..
Grasset, R. J. W., South Yarra, Vic. Marine governor..	16709	30 July	66	20 Aug.*
Gray, J. F., Dunedin, N.Z. Fire-lighter ..	16891	27 Aug.	74	17 Sept.*
Grayson, L. W., and another, Melbourne, Vic. Rowing-machine ..	15439	20 Sept., 1902..	57	9 July.
Greenshields, W., Auckland, N.Z. Tobacco-pipe ..	16973	15 Sept.	81	15 Oct.*
Greenwood, R. W., Greymouth, N.Z. Printers' quoin ..	16764	7 Aug.	70	3 Sept.*
Griffiths, W., and another, London, Eng. Electric contact stud ..	16639	16 July	63	6 Aug.*
Grigg, E. F. J., Eiffelton, N.Z. Combined chaff-cutter and corn-crusher	16686	24 July	66	20 Aug.*
Grimmer, G. W., Auckland, N.Z. Spark-arrester ..	16901	2 Sept.	78	1 Oct.*
Grove, J., Wellington, N.Z. Sash-cord fastening ..	16596	6 July	60	23 July.*
Hall, A. J., and another, South Hornsby, N.S.W. Spraying-nozzle	16818	19 Aug.	70	3 Sept.*
Hall, F. W., New Plymouth, N.Z. Non-puncturable inner tube ..	16832	21 Aug.	74	17 Sept.*
Hambleton, P. W., and others, Greymouth, N.Z. Rotary screen ..	16842	22 Aug.	74	17 Sept.*
Hamilton, F. W., and another, Nelson, N.Z. Ambulance ..	16927	5 Sept.	..	..
Hanlon, C., Ballarat, Vic. Milking-machine ..	16910	4 Sept.	74	17 Sept.*
Hanning, C., Grove Bush, N.Z. Gate ..	16607	9 July	60	23 July.*
Hansen, C. L., Te Araroa, N.Z. Gate-latch ..	17014	23 Sept.	81	15 Oct.*
Hansen, O., Gisborne, N.Z. Opening and closing gate ..	16679	24 July	94	10 Dec.
Hare, A., Auckland, N.Z. Lamp-lighter ..	16715	27 July	66	20 Aug.*
Harper, J. F., Dunedin, N.Z. Collar-stud ..	16940	5 Sept.	74	17 Sept.*
Hartree, H., Patangata, N.Z. Sheep-shears ..	16054	4 March	60	23 July.
Harradence, F. W., Auckland, N.Z. Steering-head for cycles ..	16734	3 Aug.	66	20 Aug.*
Hardley, J. W., and another, Ashburton, N.Z. Punching and shearing machine	16775	11 Aug.	70	3 Sept.*
Hardley, S., and another, Ashburton, N.Z. Punching and shearing machine	16775	11 Aug.	70	3 Sept.*
Harkin, P. A., Auckland, N.Z. Confectionery-mould ..	15665	21 Nov., 1902..	74	17 Sept.
Harkin, T., Auckland, N.Z. (See W. White, No. 16961.)				
Harkness, W. S., and another, Timaru, N.Z. Calculating quantity of seed sown	16827	20 Aug.	70	3 Sept.*
Harvey, A., Auckland, N.Z. Liquid-separator. (D. H. Burrell—M. L. Hoyt)	16739	31 July	70	3 Sept.
Hasselbach, E., Surrey Hills, Vic. Game ..	15736	6 Dec., 1902..	60	23 July.
Hatherly, F. H., and another, Wanganui, N.Z. Advertising medium	16995	18 Sept.	81	15 Oct.
Haxton, W. A., Carterton, N.Z. Milk-cooler ..	16581	3 July	60	23 July.*
Hay, J. B., and another, Petone, N.Z. Treating offal ..	16735	3 Aug.	66	20 Aug.*
Haydon, G. A., Auckland, N.Z. Siphon trap and plug ..	16625	8 July	63	6 Aug.*
Hayling, H. S., St. Kilda, Vic. Tip-wagon. (A. Mansfield)	16643	16 July	63	6 Aug.
Heighton, A. L., Christchurch, N.Z. Bill-file ..	16771	6 Aug.	70	3 Sept.*
Hellier, J. T. E., Melbourne, Vic. Fly-catcher ..	16849	25 Aug.	70	3 Sept.*
Hemleb, M., and another, Elizabethport, U.S.A. Rotary take-up for sewing-machine	16828	18 Aug.	74	17 Sept.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Henderson, J. C., and others, Melbourne, Vic. Presser-plates for cheese	16793	13 Aug. ..	70	3 Sept.*
Heskett, T. J., and another, Brunswick, Vic. Treating ore ..	16963	9 Sept. ..	78	1 Oct.*
Hewitt, J. G. L., Dunedin, N.Z. Weather-filling for iron roofs. (A. Wilson)	17017	19 Sept. ..	81	15 Oct.*
Hicks, W., and others, Auckland, N.Z. Extractor and clarifier ..	16848	25 Aug. ..	70	3 Sept.*
Hillard, H. H., and another, Blenheim, N.Z. Tent ..	16937	10 Sept. ..	81	15 Oct.
Holderman, W. E., Marysvale, U.S.A. Treating slimes ..	16825	20 Aug. ..	74	17 Sept.
Holford, G., Auckland, N.Z. Trouser-stretcher ..	16704	29 July ..	66	20 Aug.*
Holm, J., Point Levy, N.Z. Mouse-trap ..	17000	17 Sept. ..	84	29 Oct.*
Honnor, H., and another, New Plymouth, N.Z. Brake for dray ..	16689	23 July ..	66	20 Aug.
Honywood, G., Invercargill, N.Z. Pulveriser ..	16811	14 Aug. ..	70	3 Sept.*
Hooke, A. W., Sydney, N.S.W. Treatment of kaolin, &c. ..	16677	24 July ..	66	20 Aug.
Hooper, J. B., Petone, N.Z. Letter-case ..	16777	11 Aug. ..	70	3 Sept.*
Hosking, W. V., Midhurst, N.Z. Bailing and unbailing cows ..	15700	29 Nov., 1902..	78	1 Oct.
Howard, J. G., and others, Melbourne, Vic. Separation of milk and cream	16731	31 July ..	66	20 Aug.*
Howland, R., Wellington, N.Z. Electrical separator for ironsand	16979	16 Sept. ..	78	1 Oct.*
Hoyt, M. L., Birchton, U.S.A. (See A. Harvey, No. 16739.)				
Huck, A., and another, Frankfort-on Main, Germany. Support for photo. printing	16836	19 Aug. ..	74	17 Sept.
Hughes, W. E., Wellington, N.Z. Alternating current Watt meters. (British Westinghouse Electric and Manufacturing Company, Limited)	17041	30 Sept. ..	..	..
Hughes, W. E., Wellington, N.Z. Friction-gearing. (Nurnberger Motor-Fahrzeuge-Fabrik "Union" G.m.b.H.—L. Maurer)	16719	31 July ..	70	3 Sept.*
Hughes, W. E., Wellington, N.Z. Friction-gearing. (Nurnberger Motor-Fahrzeuge-Fabrik "Union" G.m.b.H.—L. Maurer)	16720	31 July ..	70	3 Sept.*
Hughes, W. E., Wellington, N.Z. Treatment of refractory ores. (C. H. Miller and C. Quennell)	15780	18 Dec., 1902..	78	1 Oct.
Hughes, W. E., Wellington, N.Z. Tap for kerosene-tin. (W. T. Nuttall)	16873	27 Aug. ..	74	17 Sept.*
Hughes, W. E., Wellington, N.Z. Manufacture of coal-gas. (T. Settle and W. A. Padfield)	16678	24 July ..	66	20 Aug.*
Hughes, W. E., Hawera, N.Z. Hose-coupling ..	16939	17 Sept. ..	78	1 Oct.*
Hughes, W. E., Wellington, N.Z. Water-table in road-making. (J. B. Jackson)	17019	24 Sept. ..	81	15 Oct.*
Humphrey, C. F., and others, San Francisco, U.S.A. Deep-well pump. (G. C. Richards)	17049	29 Sept. ..	84	29 Oct.
Hunt, H., and others, Melbourne, Vic. Separation of milk and cream	16731	31 July ..	66	20 Aug.*
Hunter, A. J., Auckland, N.Z. Siphon of septic tank ..	16926	4 Sept. ..	78	1 Oct.
Hussey, N. W., and another, Oskaloosa, U.S.A. (See J. Sawers, No. 16936.)				
Ibbotson, T. H., Gore, N.Z. Drawing off liquids ..	16112	20 March ..	70	3 Sept.*
Incrocci, T., Dunedin, N.Z. (See J. B. Mack, No. 16867.)				
Inkpen, A., and another, Wanganui, N.Z. Trouser-stretcher ..	16698	28 July ..	66	20 Aug.
Innes, J. T., Sutton Town, S.A. Steam-generator ..	16672	23 July ..	63	6 Aug.*
International Sheahan Rotary Engine Company, Chicago, U.S.A. Rotary engine. (W. A. Sheahan)	16588	4 July ..	63	6 Aug.
Irvine, P., Dunedin, N.Z. Lifting soil ..	16707	25 July ..	66	20 Aug.
Jackson, J. B., Gisborne, N.Z. (See W. E. Hughes, No. 17019)				
Jackson, P. J., Newcastle-upon-Tyne, Eng. Advertising appliance	16608	9 July ..	78	1 Oct.
Jacobsen, W., Auckland, N.Z. Turning leaves of music ..	16902	2 Sept. ..	74	17 Sept.*
James, R., Ashhurst, N.Z. Cooking appliance ..	16755	6 Aug. ..	66	20 Aug.*
Jameson, J. M., Leicester, Eng. (See E. R. Jennings and The "Pyrojim" Syndicate, Limited, No. 15653.)				
Jenkins, F. W., and others, Rodeport, South Africa. Forging and sharpening drills	15852	9 Jan. ..	60	23 July.
Jenkinson, R., Auckland, N.Z. Flower-pot ..	16877	25 Aug. ..	74	17 Sept.*
Jennings, E. R., and another, London, Eng. Fuel. (J. M. Jameson)	15653	19 Nov., 1902..	70	3 Sept.*
Johnston, C., Dunedin, N.Z. Sheep-dipping platform ..	16953	10 Sept. ..	78	1 Oct.*
Johnston, G. N. H., and another, Wanganui, N.Z. Advertising medium	16995	18 Sept. ..	81	15 Oct.
Johnstone, A. E., Ilford, Eng. Liquid-fuel burner ..	16745	5 Aug. ..	66	20 Aug.*
Jonassen, M. J. C., Christchurch, N.Z. Scarf-pin, &c. ..	16667	20 July ..	63	6 Aug.*
Jones, H., Ascot Vale, Vic. Crushing-machine ..	16797	14 Aug. ..	70	3 Sept.*
Kahlenberg, P., Dunedin, N.Z. Umbrella-tip retainer ..	16605	6 July ..	60	23 July.*
Kendrick, T., Mornington, N.Z. Spring hand-truck ..	16698	24 July ..	66	20 Aug.*
Kidd, C. C., and another, Spring Hills, N.Z. Ditch-plough	16813	14 Aug. ..	70	3 Sept.*
Kiernan, C. T., Christchurch, N.Z. Easy-chair ..	16805	13 Aug. ..	70	3 Sept.*
Kiernan, C. T., Christchurch, N.Z. Extension table ..	16806	13 Aug. ..	70	3 Sept.*
Kilgour, W., and another, Christchurch, N.Z. Windmill	16917	3 Sept. ..	74	17 Sept.*
Kilkelly, M. J., and another, Grove Bush, N.Z. Belt-fastener	16810	14 Aug. ..	70	3 Sept.*
Kilkelly, P., and another, Grove Bush, N.Z. Ditch-plough	16813	14 Aug. ..	70	3 Sept.*
Kilkelly, T., and another, Grove Bush, N.Z. Belt-fastener	16810	14 Aug. ..	70	3 Sept.*
Kimbel, M., Islington, N.Z. Non-refillable bottle ..	16858	24 Aug. ..	74	17 Sept.*
Kimbel, M., Islington, N.Z. Venetian-blind ..	16880	27 Aug. ..	74	17 Sept.*
King-Ansell, G. A., Ahaura, N.Z. Tube-cleaner ..	16697	23 July ..	66	20 Aug.
Kinsey, F. G., Wainui, N.Z. Cart-wheel ..	17054	29 Sept. ..	84	29 Oct.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Kochendorffer, G., Melbourne, Vic. Cigarette-machine ..	16680	20 July ..	66	20 Aug.*
Krause, A. H., Auckland, N.Z. Cement bricks ..	16914	4 Sept. ..	74	17 Sept.*
Lake, W. E., and another, Melbourne, Vic. Rotary gauge ..	16835	19 Aug. ..	70	3 Sept.*
Lambert, F., Waikaremoana, N.Z. Ship-canal ..	16578	3 July ..	66	20 Aug.*
Lambert, F., Waikaremoana, N.Z. Tension bridge ..	16577	3 July ..	66	20 Aug.*
Lambert, W. H., Wyndham, N.Z. Knife-cleaner ..	16941	5 Sept. ..	78	1 Oct.*
Lambert, W. H., Wyndham, N.Z. Knife-cleaning machine ..	16759	4 Aug. ..	66	20 Aug.*
Lamborn, G. B., and another, Gore, N.Z. Connecting shoe to treadle of cycle ..	16660	18 July ..	63	6 Aug.*
Lappan, A., Sydney, N.S.W. Riding-saddle ..	16866	27 Aug. ..	74	17 Sept.*
Laughton, E., and another, Adelaide, S.A. Separation of minerals ..	16466	10 June ..	78	1 Oct.
Lawrence, W. H., Glasgow, Scotland. (See B. Bodycomb, No. 16676.)				
Le Brun, F. W., Invercargill, N.Z. Clothes-peg ..	16950	10 Sept. ..	78	1 Oct.*
Leek, G., and another, South Hornsby, N.S.W. Spraying-nozzle ..	16818	19 Aug. ..	70	3 Sept.*
Legge, A. M., Christchurch, N.Z. Bicycle-lock ..	16850	24 Aug. ..	70	3 Sept.*
Leighton, H. E., Wellington, N.Z. Boiler-furnace. (H. Sanders)	16116	21 Mar. ..	57	9 July.*
Leighton, H. E., Wellington, N.Z. Smoke-consumer and heat-economizer. (H. Sanders)	16117	21 Mar. ..	57	9 July.*
Lentz, D. H., Joliet, U.S.A. (See Foreign McKenna Process Company, No. 16816.)				
Lindback, F. G., Wellington, N.Z. Oil-can nozzle. (D. Fisher) ..	16670	22 July ..	63	6 Aug.*
Lindsay, J., Burnside, N.Z. Rabbit-crate ..	15367	8 Sept., 1902 ..	60	23 July.
Lindsay, J., Dunedin, N.Z. Dust, draught, and rain excluder ..	16651	17 July ..	63	6 Aug.*
Lochhead, J., Dunsandel, N.Z. Gripping-device ..	16903	2 Sept. ..	74	17 Sept.*
Lodge, J. G., Darlinghurst, N.S.W. Window-sash support. (G. Barnes)	16868	27 Aug. ..	..	..
Longshaw, T. H., and another, Sydney, N.S.W. Latch-lock ..	16911	4 Sept. ..	74	17 Sept.*
Longton, J., Christchurch, N.Z. Float for milk-can ..	16968	12 Sept. ..	78	1 Oct.*
Loose, M. E., Napoleon, U.S.A. (See R. L. and D. Adams, No. 16666.)				
Lorie, A. F. W., Dunedin, N.Z. Sash-fastener ..	16418	29 May ..	70	3 Sept.
Love, S. E., and another, Gre Gre Village, Vic. Clamp for handling vessel ..	16930	9 Sept. ..	78	1 Oct.
Lowe, C. H., Auckland, N.Z. Horse-shoeing lever ..	16799	8 Aug. ..	70	3 Sept.*
Lowe, C. E., Motueka, N.Z. Sulphurising fruit ..	16996	18 Sept. ..	78	1 Oct.*
Lungley, C. F., Albert Park, Vic. Manufacture of iron ..	16975	15 Sept. ..	78	1 Oct.*
Lyles, J. W., Christchurch, N.Z. Trap for sumps ..	16959	12 Sept. ..	78	1 Oct.*
Lyons, T. A., Wanganui, N.Z. Game ..	17009	21 Sept. ..	..	..
Macdonald, D. C., Campbelltown, N.Z. Treating oats, &c. ..	17033	29 Sept. ..	84	29 Oct.
Mack, J. B., Wellington, N.Z. Toy. (T. Inroccei) ..	16867	27 Aug. ..	74	17 Sept.*
Mackay, H., and another, Martinborough, N.Z. Siphon ..	16659	18 July ..	66	20 Aug.
Mackay, J., and another, Nelson, N.Z. Ambulance ..	16927	5 Sept. ..	..	..
Mackie, J., Auckland, N.Z. Register grate ..	15480	3 Oct., 1902 ..	60	23 July.
Mackie, J., Auckland, N.Z. Cuff-protector ..	16997	18 Sept. ..	..	..
Macky, J. J., Auckland, N.Z. Steam-engine ..	16624	8 July ..	63	6 Aug.*
Macpherson, D., and another, Heddon Bush, N.Z. Spark-arrester ..	16826	20 Aug. ..	70	3 Sept.*
Mainland, H. L., Dunedin, N.Z. Cuff-fastener ..	16448	13 Aug. ..	70	3 Sept.
Malden, A., and another, London, Eng. Agglomerating ore ..	15514	16 Oct., 1902 ..	57	9 July.
Malden, W. J., and another, Hollesley Bay, Eng. Agglomerating ore ..	15514	16 Oct., 1902 ..	57	9 July.
Mansfield, A., North Fitzroy, Vic. (See H. S. Hayling, No. 16643.)				
Manning, H., London, Eng. Sewing-machine ..	16747	5 Aug. ..	70	3 Sept.
Manson, H. J., Palmerston North, N.Z. Tramway and railway door ..	16611	10 July ..	60	23 July.*
Marshall, J., Grey Valley, N.Z. Saddle and collar for horses ..	16725	31 July ..	66	20 Aug.*
Martin, A. W., Dunedin, N.Z. Hernial appliance ..	16688	25 July ..	66	20 Aug.
Martin, G. P., Kelso, N.Z. Animal-cover fastening ..	16687	20 July ..	66	20 Aug.
Mason, F., Auckland, N.Z. Substitute for beeswax ..	16700	25 July ..	66	20 Aug.*
Mason, R. H., Gisborne, N.Z. Soldering-tool ..	16597	2 July ..	60	23 July.*
Mason, R. H., Auckland, N.Z. Underst-eve-fastener ..	16727	29 July ..	66	20 Aug.*
Maurer, L., Nuremberg, Germany. (See W. E. Hughes, Nos. 16719 and 16720.)				
Maxted, T. d'A. C., Blenheim, N.Z. Close-seat ..	16847	21 Aug. ..	74	17 Sept.
May, T. W., Auckland, N.Z. Flush-tap ..	16600	8 July ..	63	6 Aug.*
Mayo, B. F., Salem, U.S.A. (See United Shoe Machinery Company, No. 15650.)				
McAlpine, E. C., Woolston, N.Z. Poultry-nest ..	16741	1 Aug. ..	70	3 Sept.*
McCulloch, R. A., and another, Invercargill, N.Z. Toasting-fork and grid ..	16593	1 July ..	60	23 July.
McCurdie, W. D. R., Dunedin, N.Z. Corking bottles ..	17004	17 Sept. ..	81	15 Oct.*
McDonald, A., Taieri, N.Z. Vat-churn ..	16970	10 Sept. ..	81	15 Oct.*
McDonald, S., and another, Gore, N.Z. Connecting shoe to treadle of cycle ..	16660	18 July ..	63	6 Aug.*
McDonough, T., Richmond, Bourke, Vic. Oil-lamp ..	16823	20 Aug. ..	74	17 Sept.
McKay, J., Cape Town, Cape Colony. (See G. G. Turri, No. 16740.)				
McKenney, J., Cowra, N.S.W. Ploughing-implement ..	16923	3 Sept. ..	74	17 Sept.*
McKenzie, D., Dunedin, N.Z. Slate-pencil sharpener ..	16586	1 July ..	60	23 July.*
McKenzie, D., Auckland, N.Z. Wire-coiler and spindle ..	16595	2 July ..	60	23 July.*
McKirdy, J. W., Dunedin, N.Z. Saving gold ..	16924	7 Sept. ..	74	17 Sept.*
McLellan, D., Nelson, N.Z. Operating fishing-net ..	16845	21 Aug. ..	70	3 Sept.*
McLellan, R. M., Dunedin, N.Z. Calendar ..	16787	7 Aug. ..	70	3 Sept.*
McLeod, A., Auckland, N.Z. Burner and heater ..	16925	3 Sept. ..	74	17 Sept.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
McLeod, W., Woodbury, N.Z. Spreader for leading-chain ..	16922	5 Sept. ..	74	17 Sept.*
McMeeking, J. P., and another, Melbourne, Vic. Crate for cheese ..	16834	19 Aug. ..	70	3 Sept.*
McNeill, H., and another, Sydney, N.S.W. Water-lift ..	16990	17 Sept. ..	..	..
McPharlin, A. J., Auckland, N.Z. Catching gum ..	16879	28 Aug. ..	74	17 Sept.*
McPharlin, A. J., Auckland, N.Z. Cutting incisions in kauri-trees ..	16928	8 Sept. ..	78	1 Oct.*
McRae, W. J., and another, John Bull Creek, Vic. Clamp for handling vessel ..	16930	9 Sept. ..	78	1 Oct.
McTear, B. F., and another, Rainhill, Eng. Manufacture of tubes ..	16782	12 Aug. ..	70	3 Sept.
Meinung, H. M., Dunedin, N.Z. Utilising tidal water ..	16710	30 July ..	66	20 Aug.*
Melville, J., Dunedin, N.Z. Plating steel ..	16684	21 July ..	66	20 Aug.*
Menesdorfer, A., Melbourne, Vic. Coriaceous material ..	16886	28 Aug. ..	74	17 Sept.
Merton, T. D., Spottiswoode, Vic. Ore-roasting furnace ..	16899	2 Sept. ..	78	1 Oct.
Meyers, J. J., and others, San Francisco, U.S.A. Deep-well pump. (G. C. Richards)	17049	29 Sept. ..	84	29 Oct.
Millar, C. R. M., and others, Roodeport, South Africa. Forging and sharpening drills ..	15852	9 Jan. ..	60	23 July.
Millar, J. H., Gore, N.Z. Sowing turnip-seed ..	16938	10 Sept. ..	78	1 Oct.*
Millar, R., Dunedin, N.Z. Wave-motor ..	16645	11 July ..	63	6 Aug.*
Millar, R., Dunedin, N.Z. Wave-motor ..	16646	11 July ..	63	6 Aug.*
Miller, E. H., and another, London, Eng. (See W. E. Hughes, No. 15780.)	..	..	..	..
Miller, J., Dunedin, N.Z. Pictorial wrapper ..	16733	30 July ..	..	..
Millsom, T. C., St. Kilda, Vic. Cure of deafness ..	16750	5 Aug. ..	74	17 Sept.
Mitchell, A., Wanganui, N.Z. Medicine ..	16900	2 Sept. ..	74	17 Sept.
Montalk, De. (See under De.)	..	..	..	..
Monteath, W., South Melbourne, Vic. Flushing-cistern ..	16794	13 Aug. ..	70	3 Sept.
Moore, G., Mercur, U.S.A. Filter ..	16837	19 Aug. ..	74	17 Sept.
Moore, M., and another, Melbourne, Vic. Treating ore ..	16963	9 Sept. ..	78	1 Oct.*
Moore, W., and another, Invercargill, N.Z. Toasting-fork and grid ..	16593	1 July ..	60	23 July.*
Morgan, W. R., Wanganui, N.Z. Staple-drawer and wire-cutter ..	16574	1 July ..	63	6 Aug.
Morris, T., Mornington, N.Z. Waterproof ..	16749	1 Aug. ..	66	20 Aug.*
Moss, A. E., Dunedin, N.Z. Electrical-floor contact ..	16838	19 Aug. ..	70	3 Sept.*
Moss, G. H., jun., Hokitika, N.Z. Inner tire of cycles, &c. ..	17011	22 Sept. ..	81	15 Oct.*
Moulton, H. R., and others, London, Eng. Steam-engine ..	16862	21 Aug. ..	74	17 Sept.
Muller, J., Dunedin, N.Z. Hinge-strap, &c. ..	16685	21 July ..	66	20 Aug.*
Murray, A. C., Cromwell, N.Z. (See A. J. Park, No. 16592.)	..	..	..	..
Napier, T., Hororata, N.Z. Boot-cleaning and knife-polishing machine ..	15859	9 Jan. ..	66	20 Aug.
New Inverted Incandescent Gas-lamp Company, Limited, London, Eng. Gas-burner. (A. Farkas)	17040	30 Sept. ..	84	29 Oct.
Nicolson, S., and another, Gore, N.Z. Bicycle-tire ..	16956	10 Sept. ..	81	15 Oct.*
Nicolson, S., Gore, N.Z. Tire-remover ..	15659	20 Nov., 1902..	60	23 July.
Nicolson, S., Gore, N.Z. Attaching postage-stamps ..	16939	10 Sept. ..	74	17 Sept.*
Nielsen, C. W., Wellington, N.Z. Food product. (F. Bunyan) ..	16751	6 Aug. ..	70	3 Sept.
Norrie, R., Rangoon, British Burmah. Metal-punching machine ..	16904	3 Sept. ..	78	1 Oct.
North, B., Manningham, Eng. Electricity-meter ..	16987	17 Sept. ..	..	..
Norton, G. M., and another, Coburg, Vic. Steam-generator ..	16795	13 Aug. ..	70	3 Sept.
Nunneley, K., Rotorua, N.Z. Bedstead ..	16882	29 Aug. ..	74	17 Sept.*
Nurnberger Motor-Fahrzeuge-Fabrik "Union" G.m.b.H., Nuremberg, Germany. (See W. E. Hughes, Nos. 16719 and 16720.)	..	..	..	..
Nuttall, W. T., Wanganui, N.Z. (See W. E. Hughes, No. 16873.)	..	..	..	..
Nuttall, W. T., and another, Wanganui, N.Z. Trousers-stretcher ..	16698	28 July ..	66	20 Aug.
Nuttall, G., Blackball, N.Z. Inflatable jacket ..	15761	15 Dec., 1902..	66	20 Aug.*
Oakden, F., and another, Dunedin, N.Z. Car-fender ..	16631	13 July ..	63	6 Aug.*
Oakley, W. E., Millbury, U.S.A. Electric railroad ..	17003	17 Sept. ..	81	15 Oct.
Ockleston, J. S., and others, Auckland, N.Z. Clay pipe ..	16852	25 Aug. ..	74	17 Sept.*
Ockleston, W., and others, Auckland, N.Z. Clay pipe ..	16852	25 Aug. ..	74	17 Sept.*
Ockleston and Co., J. and W., Auckland, N.Z. (See J. S. and W. Ockleston, H. Clark, and A. Dorricott, No. 16852.)	..	..	..	..
Ornstien, F. S., Kensington, Vic. Tire-cover ..	15703	29 Nov., 1902..	74	17 Sept.
Osborne, G., Tinwald, N.Z. Drill, horse-hoe, and ridger ..	16606	9 July ..	78	1 Oct.
Owens, M. J., Toledo, U.S.A. (See The Toledo Glass Company, No. 16630.)	..	..	..	..
Padfield, W. A., and another, Exeter, Eng. (See W. E. Hughes, No. 16678.)	..	..	..	..
Park, J. R., Dunedin, N.Z. Stencil-plates. (A. J. Park) ..	16890	27 Aug. ..	74	17 Sept.*
Park, A. J., Dunedin, N.Z. Adult's and child's chair. (A. C. Murray)	16592	2 July ..	63	6 Aug.
Park, A. J., Dunedin, N.Z. (See J. R. Park, No. 16890.)	..	..	..	..
Park, T. M., Darrington, U.S.A. Loading-device ..	16142	26 March ..	66	20 Aug.
Parlour, S. C., and another, Morrinsville, N.Z. Flax drum ..	16919	3 Sept. ..	74	17 Sept.*
Passow, H., Hamburg, Germany. Treatment of slag ..	16853	26 Aug. ..	74	17 Sept.
Paterson, J., and another, Gisborne, N.Z. Wringer-draining apparatus ..	15474	1 Oct., 1902..	60	23 July.
Paterson, R., Balclutha, N.Z. Actuating wheels of ploughs ..	16580	3 July ..	60	23 July.*
Patterson, J. H., Aldershot, Eng. Rifle-carrier ..	17027	24 Sept. ..	87	12 Nov.
Paul, T. T., and another, Dunedin, N.Z. Account-book ..	15911	24 Jan. ..	63	6 Aug.
Pearce, B. A. A., Invercargill, N.Z. Wire-strainer ..	16722	31 July ..	66	20 Aug.*
Pearce, B. A. A., Invercargill, N.Z. Wire-strainer ..	16674	23 July ..	63	6 Aug.*
Pearson, W. H., and another, Dunedin, N.Z. Shot-making machinery ..	16628	9 July ..	63	6 Aug.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Peek, W. B., and another, Auckland, N.Z. Kettle ..	17037	24 Sept. ..	81	15 Oct.*
Percival, W. T., Panshurst, N.S.W. (See J. Channon, No. 16948.)				
Peters, W., and another, Dunedin, N.Z. Shot making machinery ..	16628	9 July ..	63	6 Aug.
Peto, W., and another, London, Eng. Secondary battery ..	16703	29 Jan.† ..	66	20 Aug.
Pike, A. S., Wellington, N.Z. Driving-belt and rope tightener ..	15747	11 Dec., 1902 ..	70	3 Sept.
Planters Compress Company, Boston, U.S.A. Press-feeding mechanism. (W. M. Rheem)	16702	29 July ..	66	20 Aug.
Poe, D. A., and another, Montreal, Canada. Linotype machine ..	16744	5 Aug. ..	70	3 Sept.
Poetter, H., Dortmund, Germany. Safety explosive ..	16790	7 Aug. ..	70	3 Sept.
Polson, R. D., Bendigo, N.Z. Sheep-shears ..	16788	8 Aug. ..	70	3 Sept.*
Pool, A. J., and another, Gisborne, N.Z. Wringer-draining apparatus	15474	1 Oct., 1902 ..	60	23 July.
Porteous, W. P., Sawyer's Bay, N.Z. Table golf ..	16636	16 July ..	63	6 Aug.*
Porter, B., Eketahuna, N.Z. Ventilator for waterproof ..	16675	23 July ..	63	6 Aug.*
Potter, F. S., Auckland, N.Z. Vehicle-springs ..	15144	17 July, 1902 ..	57	9 July.
Pratt, C. P., Old Junee, N.S.W. Threshing machine ..	16872	27 Aug. ..	74	17 Sept.*
Priddle, A., and another, Blenheim, N.Z. Tent ..	16937	10 Sept. ..	81	15 Oct.
Purser, A., and others, Roodeport, South Africa. Forging and sharpening drills	15852	9 Jan. ..	60	23 July.
"Pyrojim" Syndicate, Limited, The, and another, London, Eng. Fuel. (J. M. Jameson)	15653	19 Nov., 1902 ..	70	3 Sept.
Quennell, C., London, Eng. (See W. E. Hughes, No. 15780.)				
Quertier, H., Gore, N.Z. Excavating-machine ..	15586	31 Oct., 1902 ..	66	20 Aug.
Quertier, H., Dunedin, N.Z. Excavating-machine ..	16712	30 July ..	66	20 Aug.
Raleigh, M., Sydney, N.S.W. (See W. Brown, No. 16946.)				
Rask, C., and another, Invercargill, N.Z. Travelling race ..	16627	8 July ..	63	6 Aug.*
Rayward, H. H., and another, Wellington, N.Z. Bottle-closure. (W. Weddel—J. Thompson)	16929	9 Sept. ..	78	1 Oct.
Reeves, A. E., Mataura, N.Z. Scutching-machine ..	15710	29 Nov., 1902 ..	74	17 Sept.
Reeves Patent Filters Company, Limited, The, London, Eng. Filter. (W. Reeves)	16861	21 Aug. ..	74	17 Sept.
Reeves, W., Belfast, Ireland. (See The Reeves Patent Filters Company, Limited, No. 16861.)				
Reference Company, Limited, The, Sydney, N.S.W. Medicine. (E. E. Affleck)	16942	10 Sept. ..	81	15 Oct.
Regenerated Cold Air Company, Boston, U.S.A. Treating air. (F. White)	16808	15 Aug. ..	70	3 Sept.
Reid, J., Herbert, N.Z. Preventing shear-blades from crossing ..	15976	10 Feb. ..	70	3 Sept.
Reid, J. S., Prebbleton, N.Z. Milk-cooler ..	16855	25 Aug. ..	74	17 Sept.*
Reid, T. H., South Dunedin, N.Z. Collecting fares ..	16705	29 July ..	74	17 Sept.*
Renner, G., and another, Kaikoura, N.Z. Signalling for railways ..	16612	10 July ..	60	23 July.*
Rennerfelt, T. G., New York, U.S.A. Liquid-separator ..	16804	12 Aug. ..	70	3 Sept.
Restell, R. B., Hamilton, N.Z. Seed-drill ..	16235	16 April ..	63	6 Aug.
Restorck, E. J., Melbourne, Vic. Attachment to bedstead ..	16714	30 July ..	..	..
Reynolds, H., Christchurch, N.Z. Race-starting machine ..	17001	17 Sept. ..	81	15 Oct.
Rheem, W. M., Boston, U.S.A. (See Planters Compress Company, No. 16702.)				
Richards, P. B., and others, Katamatite, Vic. Wire-strainer ..	16796	14 Aug. ..	81	15 Oct.
Richards, G. C., Oakland, U.S.A. (See J. J. Meyers, C. F. Humphrey, and J. E. Sills, No. 17049.)				
Richardson, G. E., Thebarton, S.A. Railway-coupling ..	16967	14 Sept. ..	81	15 Oct.
Riches, A., Ladbrooks, N.Z. Preventing froth in receptacles for milk	17025	24 Sept. ..	81	15 Oct.*
Ricono, D., Fremantle, W.A. Chronometer, &c. ..	17012	23 Sept. ..	81	15 Oct.*
Roberts, F. P., Bendigo, Vic. Butter-cutter ..	16972	14 Sept. ..	78	1 Oct.*
Roberts, L., Dunedin, N.Z. Chart for cutting skirt-patterns ..	17023	23 Sept. ..	81	15 Oct.
Roberts, L., Dunedin, N.Z. Tracer for dress-cutting ..	17024	23 Sept. ..	81	15 Oct.
Roberts, T., Nelson, N.Z. Window ..	15546	21 Oct., 1902 ..	60	23 July.
Robertson, D. M., Christchurch, N.Z. Totalisator ..	16958	11 Sept. ..	78	1 Oct.*
Robertson, E. L., Wellington, N.Z. Egg-carrier ..	16791	13 Aug. ..	70	3 Sept.*
Robertson, J., Waitati, N.Z. Tail-grip for cattle, &c. ..	16985	11 Sept. ..	78	1 Oct.*
Robertson, J., Maheno, N.Z. Ditch-plough ..	15588	29 Oct., 1902 ..	74	17 Sept.
Robertson, R. E., Christchurch, N.Z. Adjusting slack of railway-brake	15708	2 Dec., 1902 ..	78	1 Oct.
Robinson, H. W. G., Dunedin, N.Z. Method of drain-inspection ..	16864	21 Aug. ..	78	1 Oct.
Robinson, W. S., and another, Invercargill, N.Z. Securing ribs of umbrella	16650	17 July ..	63	6 Aug.*
Robson, R. H., and another, Waiouru, N.Z. Safety saddle-stirrup bar	16768	7 Aug. ..	70	3 Sept.
Rodgers, J. T., Makikihi, N.Z. Dressing flax ..	16965	10 Sept. ..	78	1 Oct.*
Rose, S. A. M., and others, Melbourne, Vic. Separation of milk and cream	16731	31 July ..	66	20 Aug.*
Rosenthal, S. A., London, Eng. (See P. Castle and R. Dawson, No. 16860.)				
Ross, A. J., Kihikihi, N.Z. Securing roofing on stacks ..	16614	10 July ..	60	23 July.*
Ross, G., Dunedin, N.Z. Circular flue for register grate ..	16587	1 July ..	60	23 July.*
Ross, P. B., New Plymouth, N.Z. Spring stirrup-iron ..	17034	29 Sept. ..	81	15 Oct.*
Rouse, T., and another, London, Eng. Converting ironsand into briquettes	16978	16 Sept. ..	78	1 Oct.*
Rountree, A., and others, South Rakaia, N.Z. Socket for broom-handle	16856	25 Aug. ..	74	17 Sept.*
Russell, J. J., Milton, N.S.W. (See J. Channon, No. 16753.)				
Sander, G. E. C. F., Westport, N.Z. Gate-latch ..	17038	29 Sept. ..	81	15 Oct.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Sanders, H., Nottingham, Eng. (See H. E. Leighton, Nos. 16116 and 16117.)				
Sanderson, E. V., and another, Martinborough, N.Z. Siphon ..	16659	18 July ..	66	20 Aug.
Sanderson, J., New Plymouth, N.Z. Guttering-bracket ..	16994	17 Sept. ..	81	15 Oct.
Sawers, J., Wellington, N.Z. Milking-machine. (A. W. Dobbie and Co.—W. R. Thatcher, N. W. Hussey)	16936	9 Sept. ..	74	17 Sept.*
Saywell, G. H., Feilding, N.Z. Race-starting machine ..	16785	12 Aug. ..	70	3 Sept.*
Schadick, J. F. W. H., Westport, N.Z. Tap ..	16824	17 Aug. ..	74	17 Sept.
Scharf, W. H., and another, Montreal, Canada. Linotype machine	16744	5 Aug. ..	70	3 Sept.
Schram, A. L., Woodstock, Canada. Cover for fruit-jar ..	16887	28 Aug. ..	74	17 Sept.
Schryver, De. (See under De.)				
Schultze, A., and another, Greymouth, N.Z. Pneumatic tire-cover	16196	2 April ..	63	6 Aug.
Scott, G. M., Dunedin, N.Z. Warning signal ..	17005	17 Sept. ..	81	15 Oct.*
Scott, H. A., Dunedin, N.Z. Machine for deep sinking ..	16603	4 July ..	60	23 July.*
Scott, H. A., Dunedin, N.Z. Sash-fastener ..	16616	7 July ..	60	23 July.*
Seagar, E., Wellington, N.Z. Tubular dryer ..	16642	16 July ..	63	6 Aug.*
Seavill, W., Auckland, N.Z. Castor ..	16736	31 July ..	66	20 Aug.*
Semb, F. G., and another, Christchurch, N.Z. Windmill	16917	3 Sept. ..	74	17 Sept.*
Settle, T., and another, Exeter, Eng. (See W. E. Hughes, No. 16678.)				
Seymour, G., Romsey, Vic. Plough attachment ..	16908	4 Sept. ..	74	17 Sept.*
Shailer, P. H., Auckland, N.Z. Spark-extinguisher ..	16772	10 Aug. ..	70	3 Sept.*
Shaw, E., London, Eng. Vending-machine ..	16892	29 Aug. ..	78	1 Oct.
Shaw, J., and another, Heddon Bush, N.Z. Spark-arrester ..	16826	20 Aug. ..	70	3 Sept.*
Shaw, T. T., Wooriwyrite Station, Vic. (See T. A. Dennis, No. 16915.)				
Sheahan, W. A., Chicago, U.S.A. (See International Sheahan Rotary Engine Company, No. 16588.)				
Shepherd, J., Greymouth, N.Z. Scow and surf-boat ..	16732	28 July ..	66	20 Aug.*
Shields, W. A., Melbourne, Vic. Fencing-dropper. (F. Yott)	16885	26 Aug. ..	74	17 Sept.
Shilton, G. T., and another, Greymouth, N.Z. Pneumatic tire-cover	16196	2 April ..	63	6 Aug.
Shrimpton, F., Tiki, N.Z. Securing staple of riding-saddle ..	16934	9 Sept. ..	81	15 Oct.
Shury, F. G., Greymouth, N.Z. Filter ..	16921	1 Sept. ..	74	17 Sept.*
Silk, E. G., Waikaka, N.Z. Preventing oil passing from steam-condenser to steam-boiler	17022	23 Sept. ..	81	15 Oct.*
Sills, J. E., and others, San Francisco, U.S.A. Deep-well pump. (G. C. Richards)	17049	29 Sept. ..	84	29 Oct.
Simpson, J., Sydney, N.S.W. Pipe-union ..	16652	17 July ..	63	6 Aug.*
Slack, W. F., Wellington, N.Z. Ventilator ..	15552	25 Oct., 1902 ..	63	6 Aug.
Sloan, W., jun., Invercargill, N.Z. Hanging sashes ..	16623	8 July ..	63	6 Aug.*
Small, J., Port Chalmers, N.Z. Fluid-level indicator ..	16723	29 July ..	66	20 Aug.*
Small, J., Port Chalmers, N.Z. Fishplate ..	16724	29 July ..	66	20 Aug.*
Smith, C. C., Timaru, N.Z. Removing wool from skins ..	16846	21 Aug. ..	70	3 Sept.*
Smith, D., Kaikoura, N.Z. Fencing-standard ..	16809	17 Aug. ..	70	3 Sept.*
Smith, E., Gisborne, N.Z. Stopping hole in ship's hull	17010	18 Sept. ..	81	15 Oct.*
Smith, E. S., Timaru, N.Z. Stirrer ..	16807	13 Aug. ..	70	3 Sept.*
Smith, F. W., Dannevirke, N.Z. Acetylene-generator ..	17031	29 Sept. ..	81	15 Oct.*
Smith, J. H., and another, Footscray, Vic. Feeding cattle	16803	12 Aug. ..	70	3 Sept.*
Sollitt, R. H., Palmerston North, N.Z. Coal-scuttle ..	16776	11 Aug. ..	70	3 Sept.*
Soulas, C., Jerusalem, N.Z. Wave-motor ..	16977	15 Sept. ..	81	15 Oct.
Southwell, F. C., and others, London, Eng. Steam-engine	16862	21 Aug. ..	74	17 Sept.
Speirs, R. M., and others, Christchurch, N.Z. Socket for broom-handle	16856	25 Aug. ..	74	17 Sept.*
Sprey, C., New Brighton, N.Z. Boot-fastening ..	15744	11 Dec., 1902 ..	70	3 Sept.
Stedman, S. R., Dunedin, N.Z. Cuttivor for drill ..	16617	7 July ..	60	23 July.*
Stewart, C. F. de K., Westminster, Eng. Generating gaseous jets ..	16932	9 Sept. ..	94	10 Dec.
Stevens, T. G., Greenhithe, Eng. Vehicle-spring. (J. Facer)	16992	17 Sept. ..	84	29 Oct.
Stevenson, W., Dunedin, N.Z. Exhausting air from cans	16591	6 July ..	..	..
Stevenson, W., Dunedin, N.Z. Concentrating milk into dry powder	16629	13 July ..	..	..
Stevenson, W., Dunedin, N.Z. Sealing jar ..	16717	29 July ..	..	..
Stewart, G. T., Featherston, N.Z. Tire-protector ..	16769	7 Aug. ..	74	17 Sept.*
Stewart, O., Invercargill, N.Z. Preventing vibration of seats	17052	26 Sept. ..	84	29 Oct.*
Styles, W. P., Eltham, N.Z. Retaining window-sash ..	17032	29 Sept. ..	84	29 Oct.*
Swanson, P. S., and another, Invercargill, N.Z. Securing ribs of umbrellas	16650	17 July ..	63	6 Aug.*
Taylor, W. A., Waihou, N.Z. Barbed-wire recoiler ..	16840	22 Aug. ..	70	3 Sept.*
Thatcher, W. R., and another, Uskalooosa, U.S.A. (See J. Sawers, No. 16936.)				
Thomas, J., Middlesex, Eng. Coupling and buffer ..	16869	27 Aug. ..	..	..
Thompson, A., Dunedin, N.Z. Animal-cover ..	16889	27 Aug. ..	74	17 Sept.*
Thompson, D., Wanganui, N.Z. Stakes for wire fencing	16798	13 Aug. ..	70	3 Sept.*
Thompson, J., London, Eng. (See E. S. Baldwin and H. H. Raymond, No. 16929.)				
Thompson, J. C. W., and another, Footscray, Vic. Feeding cattle ..	16803	12 Aug. ..	70	3 Sept.*
Thompson, R. A., Pahiatua, N.Z. Destroying noxious weeds ..	16981	16 Sept. ..	78	1 Oct.*
Thornhill, E. A., Invercargill, N.Z. Pocket ready-reckoner ..	16980	11 Sept. ..	78	1 Oct.*
Tily, A. S., Caversham, N.Z. Tap ..	16760	4 Aug. ..	70	3 Sept.*
Toledo Glass Company, The, Toledo, U.S.A. Receptacle for molten glass. (M. J. Owens)	16630	14 July ..	63	6 Aug.
Tong, J. W., New Plymouth, N.Z. Siphon and pump ..	16594	6 July ..	78	1 Oct.
Toobe, H. L. B., London, Eng. Lithographic plate, &c.	16695	23 July ..	66	20 Aug.
Towilson, E., and others, Chatteris, Eng. Steam-engine	16862	21 Aug. ..	74	17 Sept.
Townshend, E., Auckland, N.Z. Cooling cream ..	16576	1 July ..	60	23 July.*
Traynor, E. J., Wyncham, N.Z. Gate ..	16801	14 Aug. ..	..	..

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Tregear, E., Wellington, N.Z. Motor	16949	10 Sept.	74	17 Sept.*
Treuesdale, Hamilton, Canada. (See T. de Schryver, No. 16851.)				
Tucker, F. H., Invercargill, N.Z. Hat-fastener	16839	18 Aug.	70	3 Sept.*
Turnbull, J., and another, Gore, N.Z. Bicycle-tire	16956	10 Sept.	81	15 Oct.*
Turri, G. G., Melbourne, Vic. Ore-roasting furnace. (T. Edwards)	16988	17 Sept.	81	15 Oct.
Turri, G. G., Melbourne, Vic. Football-valve. (J. McKay)	16740	4 Aug.	70	3 Sept.
Turri, G. G., Melbourne, Vic. Rabbie for furnaces. (T. Edwards)	15941	5 Feb.	57	9 July.
Turri, G. G., Melbourne, Vic. Ore-roasting furnace. (T. Edwards)	15942	5 Feb.	57	9 July.
Ulrich, C. A., Wellington, N.Z. Bucket dredge	16878	28 Aug.	74	17 Sept.
United Shoe Machinery Company, Paterson, U.S.A. Rounding and trimming machine. (B. F. Mayo)	15650	19 Nov., 1902.	66	20 Aug.
United Shoe Machinery Company, Paterson, U.S.A. Pulling-over machine. (R. F. McFeely)	16817	19 Aug.	70	3 Sept.*
United Shoe Machinery Company, Paterson, U.S.A. Lasting-machine. (E. W. Winkley and F. L. Alley)	16945	10 Sept.	78	1 Oct.
Urquhart, D., and another, Islington, N.Z. Lifting skins	16841	22 Aug.	70	3 Sept.*
Vaughan, D. G., Borung, Vic. Brush-handle attachment	16951	10 Sept.	78	1 Oct.*
Veirs, W. B., Melbourne, Vic. Seed-sower	16626	13 July	63	6 Aug.*
Vickery, F. H., and others, Burnley, Vic. Oil-engine	16964	9 Sept.	78	1 Oct.*
Vickery, S. J., and others, Burnley, Vic. Oil-engine	16964	9 Sept.	78	1 Oct.*
Vickery, W., sen., and others, Burnley, Vic. Oil-engine	16964	9 Sept.	78	1 Oct.*
Volkner, J., Auckland, N.Z. Spark-arrester	16664	20 July	66	20 Aug.
Vorbach, J., Renwicktown, N.Z. Screw-cutting stock and die	16783	12 Aug.	70	3 Sept.
Voss, J. C., Auckland, N.Z. Sea and surf anchor	16762	5 Aug.	66	20 Aug.*
Vowless, W. J., Bunnythorpe, N.Z. Cycle-driving mechanism	16767	7 Aug.	70	3 Sept.*
Wales, R., Dunedin, N.Z. Mitre-cutting machine	16730	31 July	66	20 Aug.*
Wales, R., Dunedin, N.Z. Mitre and bevel joints	17006	17 Sept.	84	29 Oct.*
Wales, R., Dunedin, N.Z. Holding packing for circular saws	16654	15 July	63	6 Aug.*
Wales, R., Dunedin, N.Z. Device for closing doors	16955	7 Sept.	78	1 Oct.*
Wallace, W., Jerilderie, N.S.W. Football-valve	16952	10 Sept.	78	1 Oct.*
Walsh, H., Westport, N.Z. Attachment for plate	16610	10 July	60	23 July.*
Walsh, J., Napier, N.Z. Hedge-clipper	16633	13 July	63	6 Aug.
Walters, W. B., Dunedin, N.Z. Carburetter	16726	1 Aug.	66	20 Aug.*
Ward, W., Waitati, N.Z. Locking nuts	16658	18 July	66	20 Aug.*
Warne, A. E., Shoalhaven, N.S.W. Ore-concentrator	16656	15 July	63	6 Aug.*
Watt, C. L., Dunedin, N.Z. Coach. (J. Dungey)	16789	8 Aug.	70	3 Sept.*
Watts, A. M. S., Palmerston North, N.Z. Fire-guard	16935	9 Sept.	78	1 Oct.*
Weddel, W., London, Eng. (See E. S. Baldwin and H. H. Rayward, No. 16929.)				
Wedler, A. H. W., Adelaide, S.A. Locking window-sashes	16668	22 July	66	20 Aug.
Weeks, H. J., Christchurch, N.Z. Window and door stop	16696	28 July	66	20 Aug.
Wheeler, C., Wellington, N.Z. Hose-suspender	16718	31 July	66	20 Aug.*
Wheeler, E. E., Christchurch, N.Z. Wallet	17007	18 Sept.	81	15 Oct.*
White, F., Boston, U.S.A. (See Regenerated Cold Air Company, No. 16808.)				
White, W., Auckland, N.Z. Fixing bottoms on tins. (T. Harkin)	16961	12 Sept.	81	15 Oct.*
White, W., Auckland, N.Z. Iron lasts for boots, &c.	16993	14 Sept.	78	1 Oct.*
Whitelaw, J., Camberwell, Vic. Non-refillable bottle	17042	28 Sept.	84	29 Oct.
Whiteman, J. C., and another, Dunedin, N.Z. Label-fastening	17029	25 Sept.	81	15 Oct.*
Whitmore, E. H., and another, Invercargill, N.Z. Securing ribs of umbrellas	16711	30 July	66	20 Aug.*
Whitmore, E. H., and another, Invercargill, N.Z. Holding ribs of umbrellas	16756	6 Aug.	66	20 Aug.*
Whitmore, E. H., and another, Invercargill, N.Z. Umbrella	16757	6 Aug.	66	20 Aug.*
Whitmore, E. H., and another, Invercargill, N.Z. Preventing theft of watches	16758	6 Aug.	66	20 Aug.*
Whitmore, H. C., Auckland, N.Z. Butter-printer	17035	26 Sept.	81	15 Oct.*
Wicksteed, S. H., Stratford, N.Z. Safety catch for engine-drum	16264	24 April	63	6 Aug.
Wieda, E. F. W., Paterson, U.S.A. Mixing-machine	16743	5 Aug.	70	3 Sept.
Wilfley, A. R., Denver, U.S.A. (See The Wilfley Ore-concentrator Syndicate, Limited, Nos. 16870 and 16871.)				
Wilfley Ore-concentrator Syndicate, Limited, London, Eng. Concentrating ore. (A. R. Wilfley)	16870	27 Aug.	74	17 Sept.
Wilfley Ore-concentrator Syndicate, Limited, London, Eng. Concentrating ore. (A. R. Wilfley)	16871	27 Aug.	74	17 Sept.
Wilford, T. M., Wellington, N.Z. Toasting appliance	16957	10 Sept.	74	1 Oct.*
Wilhelm, E. H., Marton, N.Z. Castrating lambs	16780	14 April	70	3 Sept.
Wilkinson, H. K., Dunedin, N.Z. Ventilating glass	16982	11 Sept.	78	1 Oct.*
Williams, D., and others, Greymouth, N.Z. Rotary screen	16842	22 Aug.	74	17 Sept.*
Williams, F., and others, Auckland, N.Z. Extractor and clarifier	16848	25 Aug.	70	3 Sept.*
Williams, W., and another, Karangahake, N.Z. Nail and tooth brush	16778	11 Aug.	70	3 Sept.*
Williams, W., Invercargill, N.Z. String attachment for plough	16673	23 July	63	6 Aug.*
Willis, N. d'O., Hamilton, Vic. Cycle attachment	16947	10 Sept.	81	15 Oct.
Wilson, A., Dunedin, N.Z. (See J. G. L. Hewitt, No. 17017.)				
Wilson, J. D., St. Leonards, N.S.W. Brick-kiln	16641	16 July	66	20 Aug.
Wilson, J. F., and another, Invercargill, N.Z. Securing ribs of umbrellas	16711	30 July	66	20 Aug.*
Wilson, J. F., and another, Invercargill, N.Z. Holding ribs of umbrellas	16756	6 Aug.	66	20 Aug.*
Wilson, J. F., and another, Invercargill, N.Z. Umbrella	16757	6 Aug.	66	20 Aug.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Wilson, J. F., and another, Invercargill, N.Z. Preventing theft of watches	16758	6 Aug. ..	66	20 Aug.*
Wilson, R. A., Bull's, N.Z. Loading gravel.. ..	16895	1 Sept. ..	74	17 Sept.*
Wilson, H. L., and others, Christchurch, N.Z. Socket for broom-handle	16856	25 Aug. ..	74	17 Sept.*
Wiltshire, W. I., Wellington, N.Z. Construction of buildings	16694	28 July ..	66	20 Aug.*
Winkley, E. W. H., and another, Lynn, U.S.A. (See United Shoe Machinery Company, No. 16945.)				
Witt, T. W., Wellington, N.Z. Garbage-receptacle ..	16589	4 July ..	63	6 Aug.
Wolff, F., Auburn, Vic. (See Dunlop Pneumatic Tire Company of Australasia, Limited, No. 16943)				
Wolf, J. D., London, Eng. Separation of metals ..	17051	29 Sept. ..	84	29 Oct.
Wolseley Sheep-shearing Machine Company, Limited, The, and another, Birmingham, Eng. Flexible joint for shearing-machine	16909	4 Sept. ..	78	1 Oct.
Wood, V. H. L., Auckland, N.Z. Supporting window-curtains ..	15636	17 Nov., 1902..	63	6 Aug.
Wright, G. W., Melbourne, Vic. Concentrating ores ..	15593	31 Oct., 1902 ..	66	20 Aug.*
Wright, J., Auckland. Fencing-standard ..	16738	31 July ..	66	20 Aug.*
Wright, J., Auckland. Wire fencing-batten ..	16774	6 Aug. ..	70	3 Sept.*
Wyers, W. H., Stoke Newington, Eng. Preserving yeast ..	17039	30 Sept. ..	84	29 Oct.
Yott, F., Essendon, Vic. (See W. A. Shields, No. 16885.)				
Young, W. A., Lower Hutt, N.Z. Motor palace-car ..	16779	11 Aug. ..	78	1 Oct.*

Alphabetical List of Inventions for Quarter ending 30th September, 1903.

THIS list includes also applications lodged prior to but gazetted during the quarter, and complete specifications following provisional specifications accepted and gazetted during the quarter. Where the number and date of the *Gazette* are omitted, the application has not yet been accepted.

[* 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, Loose-leaf ..	T. Foster and T. T. Paul ..	15911	24 Jan. ..	63	6 Aug.
Accumulator ..	W. and E. Brain ..	17061	30 Sept. ..	84	29 Oct.*
Acetylene-generator ..	R. Aiken and W. Cobley ..	16752	6 Aug. ..	66	20 Aug.*
Acetylene-generator ..	F. W. Smith ..	17031	29 Sept. ..	81	15 Oct.*
Advertising appliance ..	P. J. Jackson ..	16608	9 July ..	78	1 Oct.
Advertising medium ..	F. H. Hatterley and G. N. H. Johnston	16995	18 Sept. ..	81	15 Oct.
Agglomerating ore ..	A. and W. J. Malden ..	15514	16 Oct., 1902	57	9 July.*
Air from cans, Exhausting ..	W. Stevenson ..	16591	6 July ..		
Air, Treating ..	Regenerated Cold Air Company ..	16808	15 Aug. ..	70	3 Sept.
Amalgamating ores ..	H. Jones ..	16797	14 Aug. ..	70	3 Sept.*
Ambulance ..	J. Mackay and F. W. Hamilton ..	16927	5 Sept. ..		
Anchor, Sea and surf ..	J. C. Voss ..	16762	5 Aug. ..	66	20 Aug.*
Animal-cover ..	A. Thompson ..	16889	27 Aug. ..	74	17 Sept.*
Animal-cover, Fastening ..	G. P. Martin ..	16687	20 July ..	66	20 Aug.
Animal-trap ..	L. Gaitt ..	16655	15 July ..	63	6 Aug.*
Animal-trap ..	R. S. Black ..	15487	3 Oct., 1902	70	3 Sept.
Anti-friction device for plane ..	A. L. Cummings ..	16691	27 July ..	66	20 Aug.
Artificial flower for window display ..	F. L. Carr ..	16748	5 Aug. ..	66	20 Aug.*
Artificial stone ..	N. Borchardt ..	16912	4 Sept. ..	78	1 Oct.
Bailing and unbailing cows ..	W. V. Hosking ..	15700	29 Nov., 1902	78	1 Oct.
Ballast-raising, &c., Machine for ..	H. Quartier ..	15586	31 Oct., 1902	66	20 Aug.
Ballast-raising, &c., Machine for ..	H. Quartier ..	16712	30 July ..	66	20 Aug.
Ball-valve ..	W. Wallace ..	16952	10 Sept. ..	78	1 Oct.
Bar and stop for mitre-cutter ..	R. Dunne ..	16662	16 July ..	63	6 Aug.*
Barbed-wire recoiler and uncoiler ..	W. A. Taylor ..	16840	22 Aug. ..	70	3 Sept.*
Bath salt, Mineral-water ..	T. Dawes ..	16920	2 Sept. ..	74	17 Sept.*
Batten, Fencing- ..	J. Wright ..	16774	6 Aug. ..	70	3 Sept.*
Battery. (See Electrical battery, Secondary battery.)					
Bedstead ..	K. Nunneley ..	16882	29 Aug. ..	74	17 Sept.*
Bedstead attachment ..	E. J. Restorck ..	16714	30 July ..		
Beeswax, Composition substitute for ..	F. Mason ..	16700	25 July ..	66	20 Aug.*
Belt-fastener ..	T. and M. J. Kilkelly ..	16810	14 Aug. ..	70	3 Sept.*
Bevel joints ..	R. Wales ..	17006	17 Sept. ..	84	29 Oct.*
Bicycle. (See also Cycle.)					
Bicycle-driving mechanism ..	Ah Pat ..	16579	3 July ..	60	23 July.*
Bicycle-lock ..	A. M. Legge ..	16850	24 Aug. ..	70	3 Sept.*
Bicycle-tire ..	E. A. Dane and R. P. Gibbons ..	16829	17 Aug. ..	70	3 Sept.*
Bicycle-tire ..	J. Turnbull and S. Nicolson ..	16956	10 Sept. ..	81	15 Oct.*
Bicycle-tire ..	G. H. Moss, jun. ..	17011	22 Sept. ..	81	15 Oct.*
Bill-file ..	A. L. Heighton ..	16771	6 Aug. ..	70	3 Sept.*
Billiard and dining table combined ..	C. J. Duffy ..	16690	27 July ..	66	20 Aug.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Billiard and dining table combined ..	H. U. Alcock	17018	19 Sept. ..	81	15 Oct.*
Bird-trap	J. Carlyle	16575	1 July ..	63	6 Aug.
Blackboard and desk combined ..	J. H. Fuller	16876	25 Aug. ..	74	17 Sept.*
Blight-destroyer	W. J. Botting	15538	22 Oct., 1902	60	23 July.
Blind, Venetian	M. Kimbel	16880	27 Aug. ..	74	17 Sept.*
Boat, Scow and surf- ..	J. Shepherd	16732	28 July ..	66	20 Aug.*
Boiler	F. F., L. B., A. C., and H. W. Coulsell	15677	25 Nov., 1902	70	3 Sept.
Boiler-covering and wall-plaster ..	R. L. and D. Adams ..	16666	21 July ..	66	20 Aug.
Boiler-furnace	H. E. Leighton	16116	21 March ..	57	9 July.*
Boiler, Portable	J. Bates	16661	18 July ..	63	6 Aug.*
Boiler-tube cleaner.. ..	J. M. Ahern	17021	25 Sept. ..	81	15 Oct.*
Boiler, Washing-	H. W. de Baugh.	16609	6 July ..	60	23 July.*
Bonedust, Sterilising	W. Barnsdale	16800	14 Aug. ..	74	17 Sept.*
Book. (See Account-book, Day-book.)					
Booklet and correspondence wallet ..	E. R. Wheeler	17007	18 Sept. ..	81	15 Oct.*
Boot-cleaner and knife-polisher ..	T. Napier	15859	9 Jan. ..	66	20 Aug.
Boot-fastener	W. Beamish	16681	20 July ..	66	20 Aug.*
Boot-fastening	E. Sprey	15744	11 Dec., 1902	70	3 Sept.
Boot sole and heel	T. Burrell	16898	2 Sept. ..	78	1 Oct.
Boot soles and heels	W. Bennet	16954	7 Sept. ..	78	1 Oct.
Boots, Cleaning and polishing.. ..	B. Blick	16708	30 July ..	66	20 Aug.*
Boots, Rounding and trimming soles of ..	United Shoe Machinery Company	15650	19 Nov. ..	66	20 Aug.
Boots, Watertight	G. Foster	16590	4 July ..	63	6 Aug.
Borer, Post-hole	A. Currie and R. Anderson	16916	4 Sept. ..	78	1 Oct.*
Bottle, Corking, to prevent reuse ..	W. D. R. McCurdie ..	17004	17 Sept. ..	81	15 Oct.*
Bottle, Non-refillable	M. Kimbel	16858	24 Aug. ..	74	17 Sept.*
Bottle, Non-refillable	J. Whitelaw	17042	28 Sept. ..	84	23 Oct.
Bottle, Sprinkler for	G. L. Cole	16742	5 Aug. ..	66	20 Aug.*
Bottle-stopper	R. Dunne	17030	25 Sept. ..	81	15 Oct.*
Bottle, Unrefillable	W. L. Davidson	15554	27 Oct., 1902	66	20 Aug.
Bottles, Sealing	E. S. Baldwin and H. H. Rayward	16929	9 Sept. ..	78	1 Oct.
Brake-adjuster	R. E. Robertson	15708	2 Dec., 1902	78	1 Oct.
Brake for dray	H. Honnor and J. Bruce	16689	23 July ..	66	20 Aug.
Brick-kiln	J. D. Wilson	16641	16 July ..	66	20 Aug.
Bridge, Tension	F. Lambert	16577	3 July ..	66	20 Aug.*
Briquettes of ironsand	T. Rouse and H. Cohn ..	16978	16 Sept. ..	78	1 Oct.*
Brooch-pin	A. S. Dewhurst	16833	21 Aug. ..	70	3 Sept.*
Broom-handle, Making taper in ..	T. W. Coulthard	16974	15 Sept. ..	81	15 Oct.*
Broom-handle socket	R. M. Speirs, H. L. Wilson, and A. Rowntree	16856	25 Aug. ..	74	17 Sept.*
Brush	J. Ford	17016	19 Sept. ..	84	29 Oct.*
Brush-handle	D. G. Vaughan	16951	10 Sept. ..	78	1 Oct.*
Brush, Tooth, nail, &c. ..	H. E. Crease and W. Williams	16778	11 Aug. ..	70	3 Sept.*
Bucket and suction dredge	R. Andrew	16931	11 May†	78	1 Oct.
Bucket dredge	C. A. Ulrich	16878	28 Aug. ..	74	17 Sept.
Buildings, Construction of	W. I. Wiltshire	16694	28 July ..	66	20 Aug.*
Buildings, Heating	M. Arragon	16640	16 July ..	66	20 Aug.
Buildings, Securing spouting to walls of ..	R. Ginsberg	16773	10 Aug. ..	70	3 Sept.*
Burner, Liquid-fuel	A. E. Johnstone	16745	5 Aug. ..	66	20 Aug.*
Burner	P. Castle and R. Dawson	16860	26 Aug. ..	74	17 Sept.*
Burner	A. McLeod	16925	3 Sept. ..	74	17 Sept.*
Burner. (See also Gas-burner.)					
Butter-cutter	F. P. Roberts	16972	14 Sept. ..	78	1 Oct.*
Butter-cutting machine, Rotary gauge for ..	G. T. Allnutt and W. E. Lake	16835	19 Aug. ..	70	3 Sept.*
Butter-printer	H. C. Whitmore	17035	26 Sept. ..	81	15 Oct.*
Cake-tin	E. A. Allan	16585	1 July ..	60	23 July.*
Calculating quantity of seed sown ..	F. Burn and W. C. Harkness	16827	20 Aug. ..	70	3 Sept.*
Calendar	R. McK. McLennan ..	16787	7 Aug. ..	70	3 Sept.*
Calves, Dehorning	F. H. Blundell	16792	13 Aug. ..	70	3 Sept.*
Can. (See Oil-can.)					
Canal, Ship-	F. Lambert	16578	3 July ..	66	20 Aug.*
Candlestick	J. A. Berg	16604	7 July ..	63	6 Aug.*
Canister for sowing seed	E. Bowmar	15604	5 Nov., 1902	66	20 Aug.
Cans, Exhausting air from	W. Stevenson	16591	6 July ..	66	..
Car	W. A. Young	16779	11 Aug. ..	78	1 Oct.*
Carburetter	W. B. Walters	16726	1 Aug. ..	66	20 Aug.*
Card-case	J. B. Hooper	16777	11 Aug. ..	70	3 Sept.*
Car-fender	F. Oakden and W. G. T. Goodman	16631	13 July ..	63	6 Aug.*
Carriage-seat	A. Ashcroft and S. Clark ..	16905	29 Aug. ..	74	17 Sept.*
Carrying running line along standing line ..	W. Beamish	16933	11 Sept. ..	78	1 Oct.*
Case, Letter, &c.	J. B. Hooper	16777	11 Aug. ..	70	3 Sept.*
Castor	W. Bain	15764	15 Dec., 1902	74	17 Sept.
Castor	W. Seavill	16736	31 July ..	66	20 Aug.*
Castrating lambs	E. H. Wilhelm	16780	14 April ..	70	3 Sept.
Catch for hauling-engine drum ..	S. H. Wicksteed	16264	24 April ..	63	6 Aug.
Cattle, Feeding	J. C. W. Thompson and J. H. Smith	16803	12 Aug. ..	70	3 Sept.*
Caustic soda, Manufacture of	C. E. Dolbear	17050	29 Sept. ..	84	29 Oct.
Cement bricks	A. H. Krause	16914	4 Sept. ..	74	17 Sept.*
Chaff and corn cutter	E. F. J. Grigg	16686	24 July ..	66	20 Aug.*
Chains, Spreader for leading- ..	W. McLeod	16922	5 Sept. ..	74	17 Sept.*
Chair	A. J. Park	16592	2 July ..	63	6 Aug.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Chair, Easy-	C. T. Kiernan	16805	13 Aug. ..	70	3 Sept.*
Charging-machine	Foreign McKenna Process Com- pany	16816	19 Aug. ..	81	15 Oct.
Chart for skirt-cutting	L. Roberts	17023	23 Sept. ..	81	15 Oct.
Cheese-crate	W. Burrell and J. P. McMeekin ..	16834	19 Aug. ..	70	3 Sept.*
Cheese-presser plate	J. C. Henderson, W. J. Anderson, and E. S. Burman	16793	13 Aug. ..	70	3 Sept.*
Churn, Vat-	A. McDonald	16970	10 Sept. ..	81	15 Oct.
Cisterns, Flushing-	W. Monteath	16794	13 Aug. ..	70	3 Sept.
Clamp for handling vessels	S. E. Love and W. J. McRae ..	16930	9 Sept. ..	78	1 Oct.
Clarifier and extractor for waste products ..	W. Hicks, F. Williams, and W. Barnsdale	16848	25 Aug. ..	70	3 Sept.*
Clay pipes, Socketing	J. S. and W. Ockleston, H. Clark, and A. Dorricott	16852	25 Aug. ..	74	17 Sept.*
Cleaner. (See Boiler-tube cleaner, Boot- cleaner, Tube-cleaner.)					
Cleaning dried fruits, Machine for	W. C. Braddock	16602	8 July ..	60	23 July.*
Cleaning harness	J. Brooks	16671	23 July ..	70	3 Sept.
Cleaning kauri-gum	H. Carter and J. J. Evans ..	16665	18 July ..	63	6 Aug.*
Clinometer	D. Ricono	17012	23 Sept. ..	81	15 Oct.*
Clinostat	W. R. Bawden	16613	10 July ..	60	23 July.*
Closet	T. de Schryver	16851	25 Aug. ..	..	..
Clothes-peg	F. W. Le Brun	16950	10 Sept. ..	78	1 Oct.*
Clothes-wringer, Draining-apparatus for ..	J. Paterson and A. J. Pool ..	15474	1 Oct., 1902	60	23 July.
Coach	C. L. Watt	16789	8 Aug. ..	70	3 Sept.*
Coal-gas, Manufacture of	W. E. Hughes	16678	24 July ..	66	20 Aug.*
Coal-scuttle	R. H. Sollitt	16776	11 Aug. ..	74	17 Sept.
Coal, Treating, in ships' holds	H. J. Gilberd	17026	18 Sept. ..	81	3 Sept.*
Coiler and spindle, Wire	D. McKenzie	16595	2 July ..	60	23 July.*
Coiling fencing-wire	R. and F. Fenwick	16830	21 Aug. ..	70	3 Sept.*
Cold-storage safe	W. H. Edwards	16737	31 July ..	66	20 Aug.*
Collar and hames	J. Benson	16754	6 Aug. ..	78	1 Oct.
Collar-stud	J. F. Harper	16940	5 Sept. ..	74	17 Sept.*
Colouring pictures, &c.	B. A. Bell	16599	7 July ..	63	6 Aug.
Commode	T. Gore	16815	18 Aug. ..	70	3 Sept.*
Concentrating ores	G. W. Wright	15593	31 Oct., 1902	66	20 Aug.
Concentrator, Ore-	A. E. Warne	16656	15 July ..	63	6 Aug.*
Concentrator, Ore-	The Wilfley Ore-concentrator Syndicate, Limited	16870	27 Aug. ..	74	17 Sept.
Concentrator, Ore-	The Wilfley Ore-concentrator Syndicate, Limited	16871	27 Aug. ..	74	17 Sept.
Concrete structures	Colonial Ferro-Concrete Syndicate, Limited	16933	9 Sept. ..	78	1 Oct.
Conductor, Electric	E. L'E. Barton	15804	23 Dec., 1902	78	1 Oct.
Confectionery-mould	P. A. Harkin	15665	21 Nov., 1902	74	17 Sept.
Consumption, Cure for	Reference Company, Limited ..	16942	10 Sept. ..	81	15 Oct.
Contact stud for electric-traction system ..	W. Griffiths and B. H. Bedell ..	16639	16 July ..	63	6 Aug.
Cooking-appliance	R. James	16755	6 Aug. ..	66	20 Aug.*
Cooler. (See Cream-cooler, Milk-cooler.)					
Coriaceous material, Manufacture of	A. Menesdorffer	16886	28 Aug. ..	74	17 Sept.
Corking bottle to prevent reuse	W. D. R. McCurdie	17004	17 Sept. ..	81	15 Oct.*
Corrugated-iron roofing, Securing, on stacks	A. J. Ross	16614	10 July ..	60	23 July.*
Coulter of plough, String attachment for ..	W. Williams	16673	23 July ..	63	6 Aug.*
Coupling and buffer	J. Thomas	16869	27 Aug. ..	..	..
Coupling. (See also Hose-coupling, Pipe- coupling, Railway coupling.)					
Cover. (See Animal-cover, Tire-cover, Fruit-jar cover.)					
Cows, Bailing and unbailing	W. V. Hosking	15700	29 Nov., 1902	78	1 Oct.
Crate, Cheese-	W. Burrell and J. P. McMeekin ..	16834	19 Aug. ..	70	3 Sept.*
Crate for rabbits, &c.	J. Lindsay	15367	8 Sept., 1902	60	23 July.
Cream-cooler	E. Townshend	16576	1 July ..	60	23 July.*
Cuff-fastener	H. L. Mainland	16448	13 Aug. ..	70	3 Sept.
Cuff-fastener	E. F. H. Gaye	16884	28 Aug. ..	74	17 Sept.*
Cuff-protector	J. Mackie	16997	18 Sept. ..	..	..
Cuff-protector	T. L. Caley	16893	28 Aug. ..	74	17 Sept.
Cultivator for drill	S. R. Stedman	16617	7 July ..	60	23 July.*
Cure for deafness	T. C. Millsom	16750	5 Aug. ..	74	17 Sept.
Cure for consumption	Reference Company, Limited ..	16942	10 Sept. ..	81	15 Oct.
Current, Alternating, Watt meters	W. E. Hughes	17041	30 Sept. ..	..	..
Cutter. (See Butter-cutter, Chaff-cutter, Hair-cutter, Hedge-cutter, Metal-cutter, Mitre-cutter, Tobacco-cutter, Wire- cutter.)					
Cutting incisions in trees	A. J. McPharlin	16928	8 Sept. ..	78	1 Oct.*
Cutting metal	R. Norrie	16904	3 Sept. ..	78	1 Oct.
Cutting sheet metal, cardboard, &c.	W. Anderson	16962	9 Sept. ..	78	1 Oct.*
Cutting up soap	J. Girven	16615	10 July ..	60	23 July.*
Cycle, Attachment for propelling	N. D'O. Willis	16947	10 Sept. ..	81	15 Oct.
Cycle, Detachably connecting rider's shoe to treadle of	S. McDonald and G. B. Lamborn	16660	18 July ..	63	6 Aug.*
Cycle-driving mechanism	W. J. Vowless	16767	7 Aug. ..	70	Sept.*

ALPHABETICAL LIST OF INVENTIONS - continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cycle, Steering-head for Cycle. (See also Bicycle.)	F. W. Harradence	16734	3 Aug.	66	20 Aug.*
Day-book, &c.	J. S. J. Alpass	17008	21 Sept.	81	15 Oct.*
Deafness, Cure of	T. C. Millsom	16750	5 Aug.	74	17 Sept.*
Deep-sinking and prospecting machine	H. A. Scott	16603	4 July	60	23 July.*
Deep-well pump	J. J. Meyers, C. F. Humphrey, J. E. Sills	17049	29 Sept.	84	29 Oct.
Dehorning calves	F. H. Bundell	16792	13 Aug.	70	3 Sept.*
Dining and billiard table	H. U. Alcock	17018	19 Sept.	81	15 Oct.*
Disc-plough	F. A. Brand	15925	30 Jan.	74	17 Sept.*
Ditch-plough	C. C. Kidd and P. Kilkelly	16813	14 Aug.	70	3 Sept.*
Ditch-plough	J. Robertson	15588	29 Oct., 1902	74	17 Sept.
Door-check	R. W. Gibbs	16584	2 July	..	..
Door-closing device	R. Wales	16955	7 Sept.	78	1 Oct.*
Door, Dust, &c., excluder for	J. Lindsay	16651	17 July	63	6 Aug.*
Door-lock	T. H. Longshaw and W. J. Adams	16911	4 Sept.	74	17 Sept.*
Door, Stop for window and	H. J. Weeks	16696	28 July	66	20 Aug.
Door, Tramway and railway	H. J. Manson	16611	10 July	60	23 July.*
Double ridger	J. Dickison, jun.	16802	14 Aug.	70	3 Sept.*
Drain-inspection	H. W. G. Robinson	16864	21 Aug.	78	1 Oct.
Draining-apparatus for clothes-wringer	J. Paterson and A. J. Pool	15474	1 Oct., 1902	60	23 July.
Draught-excluder for door	J. Lindsay	16651	17 July	63	6 Aug.*
Draught-regulator door for register grate.	J. Mackie	15480	3 Oct., 1902	60	23 July.
Drawing-board, easel, and T square	E. Gillow	16969	12 Sept.	78	1 Oct.*
Drawing off liquids.	T. H. Ibbotson	16112	20 March	70	3 Sept.*
Dray, Brake for	H. Honnor and J. Bruce	16689	23 July	66	20 Aug.
Dredge-bucket	C. A. Ulrich	16878	28 Aug.	74	17 Sept.
Dredge-bucket, Rebuting	W. Beamish	16821	17 Aug.	70	3 Sept.*
Dredge, Suction and bucket	R. Andrew	16931	11 May†	78	1 Oct.
Dredging-machine	B. F. Dunn	16770	5 Aug.	66	20 Aug.*
Dredging-screen	P. W. Hambleton, D. Williams, and J. Duncan	16842	22 Aug.	74	17 Sept.*
Dress-cutting, Tracer for	L. Roberts	17024	23 Sept.	81	15 Oct.
Dried fruit, Cleaning	W. C. Braddock	16602	8 July	60	23 July.*
Drill, Cultivator for	S. R. Stedman	16617	7 July	60	23 July.*
Drill, Horse, hoe, and ridger	G. Osborne	16606	9 July	78	1 Oct.
Drill, Seed-	R. B. Restell	16235	16 April	63	6 Aug.
Drilling, Clinostat for deep	W. R. Bawden	16613	10 July	60	23 July.*
Driving-belt and rope tightener	A. S. Pike	15747	11 Dec., 1902	70	3 Sept.
Driving mechanism for bicycle	Ah Pat	16579	3 July	60	23 July.*
Dryer, Tubular	E. Seagar	16642	16 July	63	6 Aug.*
Dry separation of ores	T. A. Edison	16621	8 July	63	6 Aug.
Duplicate order-pad	T. B. Crawshaw	16999	18 Sept.	78	1 Oct.*
Dust, &c., excluder	E. J. Ellerm	16976	15 Sept.	78	1 Oct.*
Dust, &c., excluder for door	J. Lindsay	16651	17 July	63	6 Aug.*
Dustproof attachment for watch	A. Campbell	16881	28 Aug.	74	17 Sept.*
Easel, drawing-board, and square	E. Gillow	16969	12 Sept.	78	1 Oct.
Easy-chair	C. T. Kiernan	16805	13 Aug.	70	3 Sept.*
Egg-carrier	E. L. Robertson	16791	13 Aug.	70	3 Sept.*
Electric accumulator	W. Peto and J. W. T. Cadett	16703	29 Jan.	66	20 Aug.
Electric battery	W. B. and E. Brain	17061	30 Sept.	84	29 Oct.*
Electric conductor	E. L'E. Barton	15804	23 Dec., 1902	78	1 Oct.
Electric current, Regulating voltage of	J. P. Campbell	16865	27 Aug.	..	..
Electric rail-bond	W. E. Oakley	17003	17 Sept.	81	15 Oct.
Electric-traction system, Stud and fixing for	W. Griffiths and B. H. Bedell	16639	16 July	63	6 Aug.
Electrical-floor contact	A. E. Moss	16838	19 Aug.	70	3 Sept.*
Electrical marine governor	R. J. W. Grasset	16709	30 July	66	20 Aug.*
Electrical milk and cream separator	H. Hunt, S. A. M. Rose, and J. G. Howard	16731	31 July	66	20 Aug.*
Electrical separator for ironsand	R. Howland	16979	16 Sept.	78	1 Oct.*
Electricity-meter	B. North	16987	17 Sept.	..	..
Engine. (See Oil-engine, Rotary engine, Steam-engine.)					
Engine, Catch for drum of hauling-	S. H. Wicksteed	16264	2 April	63	6 Aug.
Engine-silencer	A. C. Baird	16716	29 July	66	20 Aug.*
Engine-silencer	A. C. Baird	16875	25 Aug.	74	17 Sept.*
Envelope-fastener	G. Dempster	16883	28 Aug.	74	17 Sept.*
Escape, Fire-	A. E. Cleaver	15532	18 Oct., 1902	66	20 Aug.
Excavating-machine	H. Quertier	16712	30 July	66	20 Aug.
Excavating-machine	H. Quertier	15586	31 Oct., 1902	66	20 Aug.
Excluder, Dust, &c.	J. Lindsay	16651	17 July	63	6 Aug.*
Excluder, Dust, &c.	E. J. Ellerm	16976	15 Sept.	78	1 Oct.*
Explosive	A. Brock	16601	8 July	63	6 Aug.
Explosive	H. Poetter	16790	7 Aug.	70	3 Sept.
Extinguisher, Lamp lighter or	J. Bergan	16913	4 Sept.	78	1 Oct.
Extinguisher, Spark-	P. H. Shailer	16772	10 Aug.	70	3 Sept.*
Extractor and clarifier for waste products	W. Hicks, F. Williams, and W. Barnsdale	16848	25 Aug.	70	3 Sept.*
Fares, Collecting tramway-	T. H. Reid	16705	29 July	74	17 Sept.*
Fastener. (See Belt-fastener, Boot-fastener, Cuff-fastener, Envelope-fastener, Hat- fastener, Sack-mouth fastener, Sash- fastener, Window-fastener.)					

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Fastening. (See Animal-cover fastening, Boot-fastening, Label-fastening, Rug-fastening, Sash-cord fastening, Trace-fastening.)					
Fastening and locking window-sashes	A. H. W. Wedler	16668	22 July	66	20 Aug.
Fastening for undersleeves	R. H. Mason	16727	29 July	66	20 Aug.*
Feeding animals, Trough for	J. Carlyle	15412	18 Sept., 1902	60	23 July.
Feeding cattle, &c.	J. C. W. Thompson and J. H. Smith	16803	12 Aug.	70	3 Sept.*
Feeding mechanism for presses	Planters Compress Company	16702	29 July	66	20 Aug.
Feed-water filter	F. G. Shury	16921	1 Sept.	74	17 Sept.*
Fence, Rabbit-trapping	P. van L. Alkemade	16971	14 Sept.	78	1 Oct.*
Fencing-battens	J. Wright	16774	6 Aug.	70	3 Sept.*
Fencing-dropper	W. A. Shields	16885	26 Aug.	74	17 Sept.*
Fencing, Fixing stakes in	D. Thompson	16798	13 Aug.	70	3 Sept.*
Fencing-posts, Lifting, out of ground	T. A. Dennis	16915	4 Sept.	78	1 Oct.
Fencing-standard	J. Wright	16738	31 July	66	20 Aug.*
Fencing-standard	D. Smith	16809	17 Aug.	70	3 Sept.*
Fencing-wire coiler	R. and F. Fenwick	16830	21 Aug.	70	3 Sept.*
Fender, Car-	F. Oakden and W. G. T. Goodman	16631	13 July	63	6 Aug.*
File, Bill-	A. L. Heighton	16771	6 Aug.	70	3 Sept.*
Filling gravel, Machine for	H. Quertier	15586	31 Oct., 1902	66	20 Aug.
Filling gravel, Machine for	H. Quertier	16712	30 July	66	20 Aug.
Filter	Reeves Patent Filters Company, Limited	16861	21 Aug.	74	17 Sept.
Filter	G. Moore	16837	19 Aug.	74	17 Sept.
Filter for purifying feed-water	F. G. Shury	16921	1 Sept.	74	17 Sept.*
Finger for reaping-machine	R. Cresswell	16721	31 July	66	20 Aug.
Fire-escape	A. E. Cleaver	15532	18 Oct., 1902	66	20 Aug.
Fire-guard	A. M. S. Watts	16935	9 Sept.	78	1 Oct.*
Fire-kindler	A. Ashcroft and S. Clark	17002	16 Sept.	84	29 Oct.*
Fire-lighter	J. F. Gray	16891	27 Aug.	74	17 Sept.*
Fishing-net, Operating	D. McLellan	16845	21 Aug.	70	3 Sept.*
Fishplate	J. Smaill	16724	29 July	66	20 Aug.*
Flanging clay pipes	J. S. and W. Ockleston, H. Clark, and A. Dorricott	16852	25 Aug.	74	17 Sept.*
Flax-drum	S. C. Parlour and J. N. Clifford	16919	3 Sept.	74	17 Sept.*
Flax-dresser	J. T. Rogers	16965	10 Sept.	78	1 Oct.*
Flax-dressing	A. E. Reeves	15710	29 Nov., 1902	74	17 Sept.
Flax-stripping machine	R. M. Crosbie	16888	26 Aug.	74	17 Sept.*
Float for milk-cans	J. Longton	16968	12 Sept.	78	1 Oct.*
Floor, Concrete	The Colonial Ferro-Concrete Syndicate, Limited	16933	9 Sept.	78	1 Oct.
Floor contact, Electrical-	A. E. Moss	16838	19 Aug.	70	3 Sept.*
Flower, Artificial, opening and closing for window display	F. L. Carr	16748	5 Aug.	66	20 Aug.*
Flower-pot	R. Jenkinson	16877	25 Aug.	74	17 Sept.*
Flue, Circular, for register grate	G. Ross	16587	1 July	60	23 July.*
Fluid-level indicator	J. Smaill	16723	29 July	66	20 Aug.*
Flushing cisterns	W. Monteath	16794	13 Aug.	70	3 Sept.
Flush-tap	T. W. May	16600	8 July	63	6 Aug.*
Fly-trap and catcher	J. T. E. Hellier	16849	25 Aug.	70	3 Sept.*
Folding-hat	C. H. Burnett	16843	22 Aug.	70	3 Sept.*
Food product	C. W. Nielsen	16751	6 Aug.	70	3 Sept.
Football-valve	G. G. Turri	16740	4 Aug.	70	3 Sept.
Football-valve	W. Wallace	16952	10 Sept.	78	1 Oct.*
Fork. (See Toasting-fork.)					
Friction, Anti-, device for tools	A. L. Cummings	16691	27 July	66	20 Aug.
Friction-gearing	W. E. Hughes	16719	31 July	70	3 Sept.*
Friction-gearing	W. E. Hughes	16720	31 July	70	3 Sept.*
Froth, Preventing, in milk receptacles	A. Riches	17025	24 Sept.	81	15 Oct.*
Fruit-jar cover	A. L. Schram	16887	28 Aug.	74	17 Sept.
Fruit, Sulphurising	C. E. Lowe	16996	18 Sept.	78	1 Oct.*
Fuel, Treating floor-dust for making	E. R. Jennings and "Pyrojim" Syndicate, Limited	15653	19 Nov., 1902	70	3 Sept.
Furnace, Boiler-	H. E. Leighton	16116	21 March	57	9 July.*
Furnace fire-bridge	G. W. Brown and G. M. Norton	16795	13 Aug.	70	3 Sept.
Furnace, Gas-	F. Cotton	16619	8 July	60	23 July.*
Furnace, Ore-roasting	G. G. Turri	16988	17 Sept.	81	15 Oct.
Furnace, Ore-roasting	T. D. Merton	16899	2 Sept.	78	1 Oct.
Furnace, Ore-roasting	G. G. Turri	15942	5 Feb.	57	9 July.
Furnace, Rotatable rabble for	G. G. Turri	15941	5 Feb.	57	9 July.
Furniture, Castor for	W. Seavill	16736	31 July	66	20 Aug.*
Game	T. A. Lyons	17009	21 Sept.		
Game	E. Hasselbach	15736	6 Dec., 1902	60	23 July.
Game, Parlour	F. P. Castledine	16701	29 July	66	20 Aug.*
Garbage-receptacle	T. W. Witt	16589	4 July	63	6 Aug.
Gas. (See Coal-gas, Acetylene-gas.)					
Gas and vapour burner	P. Castle and R. Dawson	16860	26 Aug.	74	17 Sept.*
Gas-burner	New Inverted Incandescent Gas-lamp Company, Limited	17040	30 Sept.	84	29 Oct.
Gaseous jets, Generating, for motive power	C. F. de K. Steuart	16932	9 Sept.	94	10 Dec.
Gas-furnace	F. Cotton	16619	8 July	60	23 July.*
Gate	C. Hanning	16607	9 July	60	23 July.*

ALPHABETICAL LIST OF INVENTIONS - *continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Gate	E. J. Traynor	16801	14 Aug.	..	..
Gate-catch	C. L. Hansen	17014	23 Sept.	81	15 Oct.*
Gate-latch	G. E. C. F. Sander	17038	29 Sept.	81	15 Oct.*
Gates, Opening and closing	O. Hansen	16679	24 July	94	10 Dec.
Gauge and tap	A. H. Brownley	16638	16 July	63	6 Aug.
Gauge, Rotary, for butter-cutting machine	G. T. Allmutt and W. E. Lake	16835	19 Aug.	70	3 Sept.*
Generator. (See Acetylene-generator, Steam-generator, Tidal-power generator.)					
Glass, molten, Receptacle for	The Toledo Glass Company	16630	14 July	63	6 Aug.
Glass, Ventilating	H. K. Wilkinson	16982	11 Sept.	78	1 Oct.*
Gold, Raising	J. D. Coomber	16761	4 Aug.	70	3 Sept.
Gold, Saving	J. W. McKirdy	16924	7 Sept.	74	17 Sept.*
Gold-saving dredge	P. Irwin	16707	25 July	66	20 Aug.
Golf, Table	W. P. Porteous	16636	16 July	63	6 Aug.*
Governor, Marine	R. J. W. Grasset	16709	30 July	66	20 Aug.*
Grain and oats, Treating	D. C. Macdonald	17033	29 Sept.	81	15 Oct.
Grate. (See Register grate.)					
Grate-door regulator	J. Mackie	15480	3 Oct.	60	23 July.
Gravel, &c., Loading	R. A. Wilson	16895	1 Sept.	74	17 Sept.*
Grid and toasting-fork	W. Moore and R. A. McCulloch	16593	1 July	60	23 July.*
Gripper for traction-engine wheels	J. Butler and P. Burke	16812	14 Aug.	70	3 Sept.*
Gripping-device	J. Lochhead	16903	2 Sept.	74	17 Sept.*
Guide-chute	R. M. Crosbie	16888	26 Aug.	74	17 Sept.*
Gum boots, Closing leaking holes in	P. J. Brown	16632	13 July	63	6 Aug.*
Gum, Catching, from trees	A. J. McPharlin	16879	28 Aug.	74	17 Sept.*
Guttering-bracket	J. Sanderson	16994	17 Sept.	81	15 Oct.
Gymnasia, hand, Pianists'	A. P. Anderson	16653	17 July	63	6 Aug.*
Hair-cutter	The Wolseley Sheep - shearing Machine Company, Limited, and H. Austin	16909	4 Sept.	78	1 Oct.
Hairpin	C. D. Brent	16986	11 Sept.	81	15 Oct.*
Hairpin	M. Browne	16763	4 Aug.	70	3 Sept.*
Hames and collar	J. Benson	16754	6 Aug.	..	..
Hand gymnasia, Pianists'	A. P. Anderson	16653	17 July	63	6 Aug.*
Handling vessels, Clamp for	S. E. Love and W. J. McRae	16930	9 Sept.	78	1 Oct.
Hand-truck, Spring	T. Kendrick	16693	24 July	66	20 Aug.*
Harness, Composition for cleaning	J. Brooks	16671	23 July	70	3 Sept.
Harrowing and sowing implement	J. McKenney	16923	3 Sept.	74	17 Sept.*
Harvester, Potato	H. Daniels	16706	27 July	66	20 Aug.*
Hat-fastener	F. H. Tucker	16839	18 Aug.	70	3 Sept.*
Hat, Folding	C. H. Burnett	16843	22 Aug.	70	3 Sept.*
Hauling-engine drum, Catch for	S. H. Wicksteed	16264	24 April	63	6 Aug.*
Heat-economizing in boilers	H. E. Leighton	16117	21 March	57	9 July.
Heater, Burner and	A. McLeod	16925	3 Sept.	74	17 Sept.
Heating rooms	W. Brown	16946	10 Sept.	81	15 Oct.
Heating schoolrooms, &c.	M. Arragon	16640	16 July	66	20 Aug.
Hedge-clipping tool	J. Walsh	16633	13 July	63	6 Aug.
Hedge-cutter knife	G. F. Church	17015	23 Sept.	81	15 Oct.*
Hernial appliance	A. W. Martin	16688	25 July	66	20 Aug.
Hinge-strap, &c.	J. Muller	16685	21 July	66	20 Aug.*
Holder. (See Packing-holder.)					
Holding register grates	J. Mackie	15480	3 Oct.	1902 60	23 July.
Holes in gum boots, Closing	P. J. Brown	16632	13 July	63	6 Aug.*
Horse hoe, ridger, and drill	G. Osborne	16606	9 July	78	1 Oct.
Horse-rug fastening	A. J. Fiske	17013	23 Sept.	81	15 Oct.*
Horse saddle and collar	J. Marshall	16725	31 July	66	20 Aug.*
Horse-shoe	M. B. Edwards	16634	14 July	63	6 Aug.*
Horse-shoeing lever	C. H. Low	16799	8 Aug.	70	3 Sept.*
Hose-suspender	C. Wheeler	16718	31 July	66	20 Aug.*
Hose-coupling	H. Duffin	16897	1 Sept.	78	1 Oct.*
Hose-coupling	W. E. Hughes	16989	17 Sept.	78	1 Oct.*
Igniting matches	E. M. G. Coleman	16784	12 Aug.	70	3 Sept.
Illusion, Optical	F. L. Carr	16998	18 Sept.	81	15 Oct.
Incandescent-gas burner	The New Inverted Incandescent Gas-lamp Company, Limited	17040	30 Sept.	84	29 Oct.
Indicator. (See Fluid-level indicator, Railway-level indicator, Temperature indicator.)					
Inflatable jacket	G. Nuttall	15761	15 Dec., 1902	66	20 Aug.
Invoice and day book	J. S. J. Alpass	17008	21 Sept.	81	15 Oct.*
Invoice-pad	T. B. Crawshaw	16999	18 Sept.	78	1 Oct.*
Iron and steel, Manufacture of	C. F. Lungley	16975	15 Sept.	78	1 Oct.*
Iron and steel, Manufacture of	J. B. de Alzugaray	16713	29 July	66	20 Aug.
Iron and steel, Plating	J. Melville	16684	21 July	66	20 Aug.*
Iron lasts for boots	W. White	16993	14 Sept.	78	1 Oct.*
Ironsand, Briquettes of	T. Rouse and H. Colin	16978	16 Sept.	78	1 Oct.*
Ironsand, Manufacture of	C. F. Lungley	16975	15 Sept.	78	1 Oct.
Ironsand-separator	R. Howland	16979	16 Sept.	78	1 Oct.
Jacket, Inflatable	G. Nuttall	15761	15 Dec., 1902	66	20 Aug.
Jars, Sealing	W. Stevenson	16717	29 July	..	..
Joint and casing for shearing-machine	Wolseley Sheep-shearing Company, Limited, and H. Austin	16909	4 Sept.	78	1 Oct.

ALPHABETICAL LIST OF INVENTIONS - continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Kaolin, Treatment of	A. W. Hooke	16677	24 July ..	66	20 Aug.
Kauri-gum cleaner	H. Carter and J. J. Evans	16665	18 July ..	63	6 Aug.*
Kerosene-tin, Attaching tap to	W. E. Hughes	16873	27 Aug. ..	74	17 Sept.*
Kettle	J. d'Esmonde and W. B. Peek	17087	24 Sept. ..	81	15 Oct.*
Kiln, Brick-	J. D. Wilson	16641	16 July ..	66	20 Aug.
Kindler. (See Fire-kindler.)					
Kitchen-range	J. Bates	16649	17 July ..	66	20 Aug.
Kneading and mixing machine	C. Cristadoro	16663	16 July ..	66	20 Aug.
Knife-cleaner	W. H. Lambert	16941	5 Sept. ..	78	1 Oct.*
Knife-cleaner and boot-polisher combined	T. Napier	15859	9 Jan. ..	66	20 Aug.
Knife-cleaning machine	W. H. Lambert	16759	4 Aug. ..	66	20 Aug.*
Knife for hedge-cutting	G. F. Church	17015	23 Sept. ..	81	15 Oct.*
Label-fastening	J. C. Whiteman and F. T. Boys	17029	25 Sept. ..	81	15 Oct.*
Lamp	T. McDonough	16823	20 Aug. ..	74	17 Sept.
Lamp-lighter	A. Hare	16715	27 July ..	66	20 Aug.*
Lamp lighter and extinguisher	J. Bergan	16913	4 Sept. ..	78	1 Oct.*
Last, Iron	W. White	16993	14 Sept. ..	78	1 Oct.*
Lasting-machine	United Shoe Machinery Company	16945	10 Sept. ..	78	1 Oct.
Latch, Gate-	C. L. Hansen	17014	23 Sept. ..	81	15 Oct.*
Latch, Gate-	G. E. C. F. Sander	17038	29 Sept. ..	81	15 Oct.*
Latch-lock for doors	T. H. Longshaw and W. J. Adams	16911	4 Sept. ..	74	17 Sept.*
Latrine and watercloset	G. Bolton	16692	23 July ..	66	20 Aug.*
Leaking holes in gum boots, Closing	P. J. Brown	16632	13 July ..	63	6 Aug.*
Letter-case	J. B. Hooper	16777	11 Aug. ..	70	3 Sept.*
Level, protractor, and clinometer	D. Ricono	17012	23 Sept. ..	81	15 Oct.*
Lever, Horse-shoeing	C. H. Low	16799	8 Aug. ..	70	3 Sept.*
Life-saving jacket, Inflatable	G. Nuttall	15761	15 Dec., 1902 ..	66	20 Aug.*
Lifting fencing-posts out of ground	T. A. Dennis	16915	4 Sept. ..	78	1 Oct.
Lifting skins, &c., from dolly	Christchurch Meat Company, Limited, and D. Urquhart	16841	22 Aug. ..	70	3 Sept.*
Lifting soil	P. Irwin	16707	25 July ..	66	20 Aug.
Lighter and extinguisher, Lamp	J. Bergan	16913	4 Sept. ..	78	1 Oct.
Line, Carrying running line along standing	W. Beamish	16983	11 Sept. ..	78	1 Oct.*
Lino-type machine	D. A. Poe and W. H. Scharf	16744	5 Aug. ..	70	3 Sept.
Liquid-fuel burner	A. E. Johnstone	16745	5 Aug. ..	66	20 Aug.*
Liquid, Drawing off	T. H. Ibbotson	16112	20 March ..	70	3 Sept.
Liquid-measure	A. and J. P. Calvert	16966	10 Sept. ..	78	1 Oct.
Liquid salt	R. W. Curry	16991	17 Sept. ..	87	12 Nov.
Liquid-separator	T. G. Rennerfelt	16804	12 Aug. ..	70	3 Sept.
Liquid-separator	A. Harvey	16739	31 July ..	70	3 Sept.
Lithographic plate	H. L. B. Toobe	16695	28 July ..	66	20 Aug.
Loading-device, Automatic	T. McL. Park	16142	26 March ..	66	20 Aug.
Loading gravel, &c.	R. A. Wilson	16895	1 Sept. ..	74	17 Sept.*
Lock. (See Bicycle-lock, Door-lock, Nut-lock, Seal-lock.)					
Manure, Calculating quantity sown by distributor	F. Burn and W. S. Harkness	16827	20 Aug. ..	70	3 Sept.*
Marine governor	R. J. W. Grasset	16709	30 July ..	66	20 Aug.*
Masts, Turning and shaping	W. H. Dunk	16874	27 Aug. ..	74	17 Sept.
Matches, Igniting	E. M. G. Coleman	16784	12 Aug. ..	70	3 Sept.
Measurement of ladies' skirts	C. M. Brophy	16598	6 July ..	63	6 Aug.
Measuring liquids	A. and J. P. Calvert	16966	10 Sept. ..	78	1 Oct.
Medicine	A. Mitchell	16900	2 Sept. ..	74	17 Sept.
Medicine	The Reference Company, Limited	16942	10 Sept. ..	81	15 Oct.
Metal-cutter	W. Anderson	16962	9 Sept. ..	78	1 Oct.
Metal, Punching or shearing	R. Norrie	16904	3 Sept. ..	78	1 Oct.
Metals, Extraction of	A. W. Hooke	16677	24 July ..	66	20 Aug.
Metals, Separation of	J. D. Wolf	17051	29 Sept. ..	84	29 Oct.
Milk and cream separator	H. Hunt, S. A. M. Rose, and J. G. Howard	16731	31 July ..	66	20 Aug.*
Milk-can float	J. Longton	16968	12 Sept. ..	78	1 Oct.*
Milk-cooler	J. S. Reid	16855	25 Aug. ..	74	17 Sept.*
Milk-cooler	W. A. Haxton	16581	3 July ..	60	23 July.*
Milk into powder, Concentrating	W. Stevenson	16629	13 July ..	..	..
Milk, Preventing froth in receptacles containing	A. Riches	17025	24 Sept. ..	81	15 Oct.*
Milk-strainer	D. Dunn	16857	26 Aug. ..	81	15 Oct.
Milk-strainer	F. Gough	16820	19 Aug. ..	70	3 Sept.*
Milk strainer and aerator	W. Beaumont	16363	18 May ..	74	17 Sept.
Milking-apparatus	B. Bodycomb	16676	24 July ..	66	20 Aug.*
Milking-apparatus	C. Hanlon	16910	4 Sept. ..	74	17 Sept.*
Milking-machine	J. Bews	16814	14 Aug. ..	70	3 Sept.*
Milking-machine	J. Sawers	16936	9 Sept. ..	74	17 Sept.*
Mineral-water-bath salt	T. Dawa	16920	2 Sept. ..	74	17 Sept.*
Mineral wool, Manufacture of	O. F. Colvin	17020	25 Sept. ..	81	15 Oct.*
Minerals, Separation of	G. A. Goyder and E. Laughton	16466	10 June ..	78	1 Oct.
Mitre-cutter	R. Wales	16730	31 July ..	66	20 Aug.*
Mitre-cutter	R. Wales	17006	17 Sept. ..	84	29 Oct.*
Mitre-cutter, Graduated bar and stop for	R. Dunne	16662	16 July ..	63	6 Aug.*
Mixing and kneading machine	C. Cristadoro	16663	16 July ..	66	20 Aug.
Mixing-machine	E. F. W. Wieda	16743	5 Aug. ..	70	3 Sept.
Molten glass, Receptacle for	The Toledo Glass Company	16680	14 July ..	68	6 Aug.

ALPHABETICAL LIST OF INVENTIONS *continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Mop, Wash-up	H. J. Gentles	16859	26 Aug. ..	74	17 Sept.*
Mosquito-trap	J. T. E. Hellier	16849	25 Aug. ..	70	3 Sept.*
Motive power, Generating gaseous jets for Motor	C. F. de K. Steuart	16932	9 Sept. ..	94	10 Dec.
Motor	E. Tregear	16949	10 Sept. ..	74	17 Sept.*
Motor palace-car	W. A. Young	16779	11 Aug. ..	78	1 Oct.*
Motor, Wave	R. Millar	16645	11 July ..	63	6 Aug.*
Motor, Wave	R. Millar	16646	11 July ..	63	6 Aug.*
Motor, Wave	C. Soulas	16977	15 Sept. ..	81	15 Oct.
Mould, Confectionery-	P. A. Harkin	15665	21 Nov., 1902	74	17 Sept.
Mouse-trap	J. Holm	17000	17 Sept. ..	84	29 Oct.
Multi-furrow plough	G. Seymour	16908	4 Sept. ..	74	17 Sept.*
Music, Turning leaves of	G. S. Budge	16781	11 Aug. ..	70	3 Sept.*
Music, Turning leaves of	W. Jacobsen	16902	2 Sept. ..	74	17 Sept.*
Nail-brush	H. E. Crease and W. Williams	16778	11 Aug. ..	70	3 Sept.*
Nest, Poultry-	E. C. McAlpine	16741	1 Aug. ..	70	3 Sept.*
Net, Operating fishing-	D. McLellan	16845	21 Aug. ..	70	3 Sept.*
Newspaper-stand	H. Buckland	16729	31 July ..	66	20 Aug.*
Non-puncturable inner tube of tire	F. W. Hall	16832	21 Aug. ..	74	17 Sept.*
Non-refillable bottle	J. Whitelaw	17042	30 Sept. ..	84	29 Oct.
Noxious weeds, Destroying	R. A. Thompson	16981	16 Sept. ..	78	1 Oct.*
Nozzle	A. J. Hall and G. Leek	16818	19 Aug. ..	70	3 Sept.*
Nozzle, Oil-can	F. G. Lindback	16670	22 July ..	63	6 Aug.*
Nut-lock	W. Ward	16658	18 July ..	66	20 Aug.*
Oats, Treating	D. C. Macdonald	17033	29 Sept. ..	81	15 Oct.
Offal, Treating	J. B. Hay and A. J. Daniel	16735	3 Aug. ..	66	20 Aug.*
Oil-can nozzle	F. G. Lindback	16670	22 July ..	63	6 Aug.*
Oil-engine	W. Vickery, sen., S. J. and T. H. Vickery	16964	9 Sept. ..	78	1 Oct.*
Oil-feeding can	W. Beamish	16984	11 Sept. ..	78	1 Oct.*
Oil-lamp	T. McDonough	16823	20 Aug. ..	74	17 Sept.
Oil, Preventing, from passing from steam-condenser to steam-boiler	E. G. Silk	17022	23 Sept. ..	81	15 Oct.*
Optical illusion	F. L. Carr	16998	18 Sept. ..	81	15 Oct.
Order-pad	T. B. Crawshaw	16999	18 Sept. ..	78	1 Oct.*
Ore, Agglomerating	A. and W. J. Malden	15514	16 Oct., 1902	57	9 July.*
Ore, Amalgamating	H. Jones	16797	14 Aug. ..	70	3 Sept.*
Ore-concentrator	A. E. Warne	16656	15 July ..	63	6 Aug.*
Ore-concentrator	G. W. Wright	15593	31 Oct., 1902	66	20 Aug.
Ore-concentrator	Wilfley Ore-concentrator Syndicate, Limited	16870	27 Aug. ..	74	17 Sept.
Ore-concentrator	Wilfley Ore-concentrator Syndicate, Limited	16871	27 Aug. ..	74	17 Sept.
Ore-roasting furnace	G. G. Turri	15942	5 Feb. ..	57	9 July.
Ore-roasting furnace	G. G. Turri	16988	17 Sept. ..	81	15 Oct.
Ore-roasting furnace	T. D. Merton	16899	2 Sept. ..	78	1 Oct.
Ore-treatment	W. E. Hughes	15780	18 Dec., 1902	78	1 Oct.
Ore-treatment	M. Moore and T. J. Heskett	16963	9 Sept. ..	78	1 Oct.*
Ores, Dry separation of	T. A. Edison	16621	8 July ..	63	6 Aug.
Ores, Separation of metals from	J. D. Wolf	17051	29 Sept. ..	84	29 Oct.
Oyster-opener	M. J. Cherrie	15705	2 Dec., 1902	70	3 Sept.
Packing-holder for circular saw	R. Wales	16654	15 July ..	63	6 Aug.*
Palace car	W. A. Young	16779	11 Aug. ..	78	1 Oct.*
Parlour game	F. P. Castledine	16701	29 July ..	66	20 Aug.*
Patterns, Chart for skirt-	L. Roberts	17023	23 Sept. ..	81	15 Oct.
Pelts, Lifting, from dolly	The Christchurch Meat Company, Limited, and D. Urquhart	16841	22 Aug. ..	70	3 Sept.*
Pencil. (See Slate-pencil.)					
Photographic support	A. Huck and L. Fischer	16836	19 Aug. ..	74	17 Sept.
Photographs, Colouring	B. A. Bell	16599	7 July ..	63	6 Aug.
Pianists' hand gymnasia	A. P. Anderson	16653	17 July ..	63	6 Aug.*
Piano-mute	F. Early	16746	5 Aug. ..	66	20 Aug.*
Pictorial wrappers	J. Miller	16733	30 July ..	63	6 Aug.*
Pictures, Colouring	B. A. Bell	16599	7 July ..	63	6 Aug.
Pin. (See Brooch-pin, Hairpin, Scarf-pin.)					
Pipe-coupling	H. Duffin	16897	1 Sept. ..	78	1 Oct.
Pipe, Tobacco-	W. Greenshields	16973	15 Sept. ..	81	15 Oct.*
Pipe-union	J. Simpson	16652	17 July ..	63	6 Aug.*
Pipes, Flanging and socketing clay	J. S. and W. Oockleston, H. Clark, and A. Dorricott	16852	25 Aug. ..	74	17 Sept.*
Plane, Anti-friction device for	A. L. Cummings	16691	27 July ..	66	20 Aug.
Plate, Attachment to	H. Walsh	16610	10 July ..	60	23 July.*
Plate, Lithographic	H. L. B. Toobe	16695	28 July ..	66	20 Aug.
Plates, Stencil-	J. R. Park	16890	27 Aug. ..	74	17 Sept.*
Platform, Sheep-dipping	C. Johnston	16953	10 Sept. ..	78	1 Oct.*
Plating iron and steel	J. Melville	16684	21 July ..	66	20 Aug.*
Plough, Actuating lever-wheel of	R. Paterson	16580	3 July ..	60	23 July.*
Plough attachment	H. Coe	15642	17 Nov., 1902	78	1 Oct.
Plough-coulter, Attachment for	W. Williams	16673	23 July ..	63	6 Aug.*
Plough, Disc	F. A. Brand	15925	30 Jan. ..	74	17 Sept.
Plough, Ditch-	C. C. Kidd and P. Kilkelly	16813	14 Aug. ..	70	3 Sept.*
Plough, Ditch-	J. Robertson	15588	29 Oct., 1902	74	17 Sept.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Plough, Multi-furrow	G. Seymour	16908	4 Sept.	74	17 Sept.*
Ploughing-implement	J. McKenney	16923	3 Sept.	74	17 Sept.*
Pocket case for cards, &c.	J. B. Hooper	16777	11 Aug.	70	3 Sept.*
Portable boiler	J. Bates	16661	18 July	63	6 Aug.*
Postage-stamps, Attaching	S. Nicolson	16939	10 Sept.	74	17 Sept.*
Post-hole borer	A. Currie and R. Anderson	16916	4 Sept.	78	1 Oct.*
Post-lifter	T. A. Dennis	16915	4 Sept.	78	1 Oct.
Potato-harvester	H. Daniels	16706	27 July	66	20 Aug.
Poultry-nest	E. C. McAlpine	16741	1 Aug.	70	3 Sept.*
Preserving wood	J. L. Ferrell	17056	30 Sept.	84	29 Oct.
Preserving wood	J. L. Ferrell	17057	30 Sept.	84	29 Oct.
Preserving yeast	W. H. Wyers	17039	30 Sept.	84	29 Oct.
Presser-plates, Cheese	J. C. Henderson, W. J. Anderson, and E. S. Burman	16793	13 Aug.	70	3 Sept.*
Presses, Feeding mechanism for	Planters Compress Company	16702	29 July	66	20 Aug.
Printers' quoin	R. W. Greenwood	16764	7 Aug.	70	3 Sept.*
Printing-plate, Lithographic	H. L. B. Toobe	16695	28 July	66	20 Aug.
Prospecting and deep-sinking machine	H. A. Scott	16603	4 July	60	23 July.*
Pulling-over machine	United Shoe Machinery Company	16817	19 Aug.	70	3 Sept.*
Pulveriser	G. Honeywood	16811	14 Aug.	70	3 Sept.*
Pump and siphon	J. W. Tong	16594	6 July	78	1 Oct.
Pump, Deep-well	J. J. Meyers, C. F. Humphrey, and J. E. Sills	17049	29 Sept.	84	29 Oct.
Pump, Rotary	J. Anderson	16204	3 July	60	23 July.
Punching and shearing machine	J. W. and S. Hardley	16775	11 Aug.	70	3 Sept.*
Punching or shearing metal	R. Norrie	16904	3 Sept.	78	1 Oct.
Quoin, Printers'	R. W. Greenwood	16764	7 Aug.	70	3 Sept.*
Rabbit-crate	J. Lindsay	15367	8 Sept., 1902	60	23 July.
Rabbit-poison, Forcing, from distributor	G. E. and A. J. Fortescue	16620	18 July	63	6 Aug.
Rabbit-trapping fence	P. von L. Alkemade	16971	14 Sept.	78	1 Oct.*
Rabble, Rotatable, for furnaces	G. G. Turri	15941	5 Feb.	57	9 July.
Race-starting machine	G. H. Saywell	16785	12 Aug.	70	3 Sept.*
Race-starting machine	H. Reynolds	17001	17 Sept.	81	15 Oct.
Race, Travelling-	C. Rask and E. A. Cameron	16627	8 July	63	6 Aug.*
Rail-bond, Electric	W. E. Oakley	17003	17 Sept.	81	15 Oct.
Rail-charging machine	Foreign McKenna Process Com- pany	16816	19 Aug.	81	15 Oct.
Railway-brake slack-adjuster	R. E. Robertson	15708	2 Dec.	78	1 Oct.
Railway-car door	H. J. Manson	16611	10 July	60	23 July.*
Railway coupling	G. E. Richardson	16967	14 Sept.	81	15 Oct.
Railway-level indicator	F. Gough	16819	19 Aug.	70	3 Sept.*
Railway signalling	G. Renner and W. H. Boyens	16612	10 July	60	23 July.*
Railway signalling	G. M. Scott	17005	17 Sept.	81	15 Oct.*
Rain-excluder for door	J. Lindsay	17651	17 July	63	6 Aug.*
Rain-excluder for doors	E. J. Ellerm	16976	15 Sept.	78	1 Oct.*
Raising gravel, &c.	H. Quertier	15586	31 Oct., 1902	66	20 Aug.
Range, Kitchen	J. Bates	16649	17 July	66	20 Aug.
Ready reckoner	E. A. Thornhill	16980	11 Sept.	78	1 Oct.*
Reaping-machine, Finger for	R. Cresswell	16721	31 July	66	20 Aug.
Rebushing dredge-buckets	W. Beamish	16821	17 Aug.	70	3 Sept.*
Receptacle for molten glass	The Toledo Glass Company	16630	14 July	63	6 Aug.
Receptacle, Garbage-	T. W. Witt	16589	4 July	63	6 Aug.
Reckoner, Ready-	E. A. Thornhill	16980	11 Sept.	78	1 Oct.
Recoiler and uncoiler for barbed wire	W. A. Taylor	16840	22 Aug.	70	3 Sept.*
Recording-machine	H. Drouleige	16907	1 Sept.	78	1 Oct.
Recording shot patterns	A. W. A. Barnard	16618	7 July	60	23 July.*
Register grate, Flue for	G. Ross	16587	1 July	60	23 July.*
Register grates, Holding doors of	J. Mackie	15480	3 Oct., 1902	60	23 July.
Register-number-recording machine	H. Drouleige	16907	1 Sept.	78	1 Oct.
Regulator, Sash-	F. L. Davis	16648	17 July	63	6 Aug.*
Ridger, Double	J. Dickison, jun.	16802	14 Aug.	70	3 Sept.*
Ridger, drill, and horse-hoe	G. Osborne	16606	9 July	78	1 Oct.
Riding-saddle	A. Lappan	16866	27 Aug.	74	17 Sept.*
Riding-saddle, Staple for	F. Shrimpton	16934	9 Sept.	81	15 Oct.
Rifle, Carrier	J. H. Patterson	17027	24 Sept.	84	29 Oct.
Rifle, Sighting-bar for	T. Carkeek	16766	7 Aug.	70	3 Sept.*
Road-making, Water-table for	W. E. Hughes	17019	24 Sept.	81	15 Oct.*
Rock-drill sharpener	A. Purser, F. W. Jenkins, and C. R. McA. Millar	15852	9 Jan.	60	23 July.
Roofing, securing corrugated iron on stacks	A. J. Ross	16614	10 July	60	23 July.*
Roofs, Weather-filling for	J. G. L. Hewitt	17017	19 Sept.	81	15 Oct.*
Room, Heating	W. Brown	16946	10 Sept.	81	15 Oct.
Rope and driving-belt tightener	A. S. Pike	15747	11 Dec., 1902	70	3 Sept.
Rotary engine	International Sheahan Rotary Engine Company	16588	4 July	63	6 Aug.
Rotary gauge	G. T. Allnutt and W. E. Lake	16835	19 Aug.	70	3 Sept.*
Rotary pump	J. Anderson	16204	3 July	60	23 July.
Rotary screen	P. W. Hambleton, D. Williams, and J. Duncan	16842	22 Aug.	74	17 Sept.*
Rotary take-up for sewing-machine	P. Diehl and M. Hemleb	16828	18 Aug.	74	17 Sept.
Rounding and trimming soles of boots, &c.	United Shoe Machinery Company	15650	19 Nov., 1902	66	20 Aug.
Rowing-machine	L. W. Grayson and C. S. Cun- ningham	15439	20 Sept., 1902	57	9 July.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Rug fastening, Horse and cattle ..	A. J. Fiske ..	17013	23 Sept.	81	15 Oct.*
Sack-mouth fastener ..	W. Beamish ..	16683	20 July	66	20 Aug.*
Saddle and collar for horse ..	J. Marshall ..	16725	31 July	66	20 Aug.*
Saddle, Riding ..	A. Lappan ..	16866	27 Aug.	74	17 Sept.*
Saddle, Securing staple of riding-	F. Shrimpton ..	16934	9 Sept.	81	15 Oct.
Saddle-stirrup bar ..	R. H. Robson and J. Coogan ..	16768	7 Aug.	70	3 Sept.
Safe, Cold-storage ..	W. H. Edwards ..	16737	31 July	66	20 Aug.*
Salt, Producer for liquid ..	R. W. Curry ..	16991	17 Sept.	87	12 Nov.
Sash-cord fastening ..	J. Grove ..	16596	6 July	60	23 July.*
Sash-cord, Preventing, running back over pulley ..	C. E. Anscombe ..	16644	14 July	63	6 Aug.*
Sash-fastener ..	A. F. W. Lorie ..	16418	29 May	70	3 Sept.
Sash-fastener ..	H. A. Scott ..	16616	7 July	60	23 July.*
Sash, Hanging ..	W. Sloan, jun. ..	16623	8 July	63	6 Aug.*
Sash-regulator ..	F. L. Davis ..	16648	17 July	63	6 Aug.*
Sash. (See Window-sash.)					
Sashes, window, Locking, &c. ..	A. H. W. Wedler ..	16668	22 July	66	20 Aug.
Saucepan ..	J. D'Esmonde ..	16960	9 Sept.	78	1 Oct.*
Saving gold ..	J. W. McKirdy ..	16924	7 Sept.	74	17 Sept.*
Saws, circular, Holding-packing for	R. Wales ..	16654	15 July	63	6 Aug.*
Scarf-pin ..	M. J. C. Jonassen ..	16667	20 July	63	6 Aug.*
Scow and surf-boat ..	J. Shepherd ..	16732	28 July	66	20 Aug.*
Screen, Dredging- ..	P. W. Hambleton, D. Williams, and J. Duncan ..	16842	22 Aug.	74	17 Sept.*
Screening gravel, Machine for ..	H. Quertier ..	15586	31 Oct., 1902	66	20 Aug.
Screening gravel, Machine for ..	H. Quertier ..	16712	30 July	66	20 Aug.
Screw-cutting stock and dies ..	J. Vorbach ..	16783	12 Aug.	70	3 Sept.
Scutching machine, Flax- ..	A. E. Reeves ..	15710	29 Nov., 1902	74	17 Sept.
Sea and surf anchor ..	J. C. Voss ..	16762	5 Aug.	66	20 Aug.*
Sealing bottles, &c. ..	E. S. Baldwin and H. H. Rayward ..	16929	9 Sept.	78	1 Oct.
Sealing jars ..	W. Stevenson ..	16717	29 July		
Seal lock ..	J. Channon ..	16753	6 Aug.	60	3 Sept.
Seal lock ..	J. Channon ..	16948	10 Sept.	81	15 Oct.
Seat, Tramway ..	A. Ashcroft and S. Clark ..	16905	29 Aug.	74	17 Sept.*
Seat, Vibrator-preventer for ..	O. Stewart ..	17052	26 Sept.	84	29 Oct.
Seat, Water-closet ..	T. d'A. C. Maxted ..	16847	21 Aug.	74	17 Sept.
Secondary battery ..	W. Peto and J. W. T. Cadett ..	16703	29 Jan.†	66	20 Aug.
Seed, calculating quantity sown ..	F. Burn and W. S. Harkness ..	16827	20 Aug.	70	3 Sept.*
Seed-drill ..	R. B. Restell ..	16235	16 April	63	6 Aug.
Seed-sower ..	J. H. Millar ..	16938	10 Sept.	78	1 Oct.*
Seed-sower ..	W. B. Veirs ..	16626	13 July	63	6 Aug.*
Seed-sowing canister ..	E. Bowmar ..	15604	5 Nov., 1902	66	20 Aug.
Separation, Dry, of ores ..	T. A. Edison ..	16621	8 July	63	6 Aug.
Separation of metals ..	J. D. Wolf ..	17051	29 Sept.	84	29 Oct.
Separation of milk and cream..	H. Hunt, S. A. M. Rose, and J. G. Howard ..	16731	31 July	66	20 Aug.*
Separator, Electrical, for ironsand ..	R. Howland ..	16979	16 Sept.	78	1 Oct.*
Separator, Liquid- ..	A. Harvey ..	16739	31 July	70	3 Sept.
Separator, Liquid- ..	T. G. Rennerfelt ..	16804	12 Aug.	70	3 Sept.
Septic-tank siphon ..	A. J. Hunter ..	16926	4 Sept.	78	1 Oct.
Sewage, Treatment of ..	R. W. de Montalk ..	16894	27 Aug.	74	17 Sept.*
Sewage, Treating ..	J. P. Frenley ..	16831	21 Aug.	70	3 Sept.*
Sewing-machine ..	H. Manning ..	16747	5 Aug.	70	3 Sept.*
Sewing-machine, Rotary take-up for	P. Diehl and M. Hemleb ..	16828	18 Aug.	74	17 Sept.
Shackle ..	W. Beamish ..	16863	21 Aug.	74	17 Sept.*
Shackle, Sling and ..	W. Beamish ..	16682	20 July	66	20 Aug.*
Sharpener, Rock-drill ..	A. Purser, F. W. Jenkins, C. R. McA. Millar ..	15852	9 Jan.	60	23 July.
Sharpener, Slate-pencil ..	D. McKenzie ..	16586	1 July	60	23 July.*
Shear-blades, Preventing, from crossing ..	J. Reid ..	15976	10 Feb.	70	3 Sept.
Shearing and punching machine ..	J. W. and S. Hardley ..	16775	11 Aug.	70	3 Sept.*
Shearing-machine, Joint and casing for ..	Wolseley Sheep-shearing Company, Limited, and H. Austin ..	16909	4 Sept.	78	1 Oct.
Shearing machine, Metal- ..	R. Norrie ..	16904	3 Sept.	78	1 Oct.
Sheep-dipping platform ..	C. Johnston ..	16953	10 Sept.	78	1 Oct.*
Sheep-shears ..	R. D. Polson ..	16788	8 Aug.	70	3 Sept.*
Sheep-shears ..	H. Hartree ..	16054	4 March	60	23 July.*
Sheepskins, Removing wool from ..	C. C. Smith ..	16846	21 Aug.	70	3 Sept.*
Sheep, Travelling-race for ..	C. Rask and E. A. Cameron ..	16627	8 July	63	6 Aug.*
Sheet-metal cutter ..	W. Anderson ..	16962	9 Sept.	78	1 Oct.*
Ship-canal ..	F. Lambert ..	16578	3 July	66	20 Aug.*
Ship's hull, Stopping holes in ..	E. Smith ..	17010	18 Sept.	81	15 Oct.*
Shoe, Connecting, to cycle-treadle ..	S. McDonald and G. B. Lamborn ..	16660	18 July	63	6 Aug.*
Shot-making machinery ..	W. H. Pearson and W. Peters ..	16628	9 July	63	6 Aug.
Shot patterns, Recording ..	A. W. A. Barnard ..	16618	7 July	60	23 July.*
Sighting-bar for rifle ..	T. Carkeek ..	16766	7 Aug.	70	3 Sept.*
Signalling, Railway ..	G. Renner and W. H. Boyens ..	16612	10 July	60	23 July.*
Signal, Warning- ..	G. M. Scott ..	17005	17 Sept.	81	15 Oct.*
Silencer, Engine- ..	A. C. Baird ..	16875	25 Aug.	74	17 Sept.*
Silencer, Engine- ..	A. C. Baird ..	16716	29 July	66	20 Aug.*
Siphon ..	E. V. Sanderson and H. Mackay ..	16659	18 July	66	20 Aug.
Siphon and pump ..	J. W. Tong ..	16594	6 July	78	1 Oct.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Siphon of septic tank	A. J. Hunter	16926	4 Sept.	78	1 Oct.
Siphon-trap	G. A. Haydon	16625	8 July	63	6 Aug.*
Skins, Lifting, from dolly	Christchurch Meat Company, Limited, and D. Urquhart	16841	22 Aug.	70	3 Sept.*
Skirt-measuring appliance	C. M. Brophy	16598	6 July	63	6 Aug.
Skirt-patterns, Chart for	L. Roberts	17023	23 Sept.	81	15 Oct.
Skylight-bars	A. Burt	16786	12 Aug.	66	20 Aug.*
Slags, Treatment of	H. Passow	16853	26 Aug.	74	17 Sept.*
Slate-pencil sharpener	D. McKenzie	16586	1 July	60	23 July.*
Slimes, Treatment of	A. W. Hooke	16677	24 July	66	20 Aug.
Slimes, Treatment of	W. E. Holderman	16825	20 Aug.	74	17 Sept.
Sling and shackle	W. Beamish	16682	20 July	66	20 Aug.*
Smoke, Consuming	H. E. Leighton	16117	21 March	57	9 July.*
Soap, Cutting up	J. Girven	16615	10 July	60	23 July.*
Socketing clay pipes	J. S. and W. Ockleston, H. Clark, and A. Dorricott	16852	25 Aug.	74	17 Sept.*
Soil, Lifting	P. Irwin	16707	25 July	66	20 Aug.
Soldering-tool	R. H. Mason	16597	2 July	60	23 July.*
Sole and heel, Adjustable, for boots	T. Burrell	16898	2 Sept.	78	1 Oct.
Sower, Seed-	J. H. Millar	16938	10 Sept.	78	1 Oct.*
Sower, Seed-	W. B. Veirs	16626	13 July	63	6 Aug.*
Sower, Turnip, &c.	C. Bristow	17028	26 Sept.	81	15 Oct.*
Sowing seed, Canister for	E. Bowmar	15604	5 Nov., 1902	66	20 Aug.
Sowing and harrowing implement	J. McKenney	16923	3 Sept.	74	17 Sept.*
Spark-arrester	G. W. Grimmer	16901	2 Sept.	78	1 Oct.*
Spark-arrester	J. Shaw and D. Macpherson	16826	20 Aug.	70	3 Sept.*
Spark-arrester	J. Volkner	16664	20 July	66	20 Aug.
Spark-extinguisher	P. H. Shailer	16772	10 Aug.	70	3 Sept.*
Spindle and coiler	D. McKenzie	16595	2 July	60	23 July.*
Spouting, Securing, to walls of buildings	R. Ginsberg	16773	10 Aug.	70	3 Sept.*
Spraying disinfectants, Nozzle for	A. J. Hall and G. Leek	16818	19 Aug.	70	3 Sept.*
Spreader for leading-chain	W. McLeod	16922	5 Sept.	74	17 Sept.*
Spreader for trace-chain	A. Dale	16918	3 Sept.	78	1 Oct.
Springs, Vehicle-	F. S. Potter	15144	17 July, 1902	57	9 July.
Springs, Vehicle-	T. G. Stevens	16992	17 Sept.	84	29 Oct.
Sprinkler for bottle	G. L. Cole	16742	5 Aug.	66	20 Aug.*
Stacks, Securing corrugated-iron roofing on	A. J. Ross	16614	10 July	60	23 July.
Stamps to letters, &c., Attaching postage-Standard. (See Fencing-standard.)	S. Nicolson	16939	10 Sept.	74	17 Sept.*
Staple-drawer and wire-cutter	W. R. Morgan	16574	1 July	63	6 Aug.
Staple for riding-saddle	F. Shrimpton	16934	9 Sept.	81	15 Oct.
Steam-condenser, Preventing oil passing to boiler from	E. G. Silk	17022	23 Sept.	81	15 Oct.*
Steam-engine	J. J. Macky	16624	8 July	63	6 Aug.*
Steam-engine	E. Towison, H. R. Moulton, and F. C. Southwell	16862	21 Aug.	74	17 Sept.
Steam-generator	J. T. Innes	16672	23 July	63	6 Aug.*
Steam-generator	G. W. Brown and G. M. Norton	16795	13 Aug.	70	3 Sept.
Steering-head for cycles	F. W. Harradence	16734	3 Aug.	66	20 Aug.*
Stencil-plates	J. R. Park	16890	27 Aug.	74	17 Sept.*
Sterilising bonedust	W. Barnsdale	16800	14 Aug.	74	17 Sept.*
Stirrer	E. S. Smith	16807	13 Aug.	70	3 Sept.*
Stirrup-iron	P. B. Ross	17034	29 Sept.	81	15 Oct.*
Stirrup bar, Saddle-	R. H. Robson and J. Coogan	16768	7 Aug.	70	3 Sept.
Stocks and dies, Screw-cutting	J. Vorbach	16783	12 Aug.	70	3 Sept.
Stone, Artificial	N. Borchardt	16912	4 Sept.	78	1 Oct.
Stop for windows and doors	H. J. Weeks	16696	28 July	66	20 Aug.
Stopper, Bottle-	R. Dunne	17030	25 Sept.	81	15 Oct.*
Stopping holes in ship's hull	E. Smith	17010	18 Sept.	81	15 Oct.*
Stove, One-fire	J. Bates	16649	17 July	66	20 Aug.
Strainer. (See Milk-strainer, Tank-strainer, Wire-strainer.)					
Stretcher, Trouser-	W. Nuttall and A. Inkpen	16698	28 July	66	20 Aug.
Stretcher, Trouser-	G. Holford	16704	29 July	66	20 Aug.*
String for plough-coulter	W. Williams	16673	23 July	63	6 Aug.*
Stud, Collar-	J. F. Harper	16940	5 Sept.	74	17 Sept.*
Stud, Contact	W. Griffiths and B. H. Bedell	16639	16 July	63	6 Aug.
Suction drudge and bucket	R. Andrew	16931	11 May	78	1 Oct.
Sulphurising fruit	C. E. Lowe	16996	18 Sept.	78	1 Oct.*
Sump-trap	J. W. Lyes	16959	12 Sept.	78	1 Oct.*
Supporting window-curtains	Van H. L. Wood	15636	17 Nov., 1902	63	6 Aug.
Support, Photographic, &c.	A. Huck and L. Fischer	16836	19 Aug.	74	17 Sept.
Suspender, Hose-	C. Wheeler	16718	31 July	66	20 Aug.*
Table, Billiard and dining	H. U. Alcock	17018	19 Sept.	81	15 Oct.*
Table, Billiard and dining	C. J. Duffy	16690	27 July	66	20 Aug.*
Table, Extension	C. T. Kiernan	16806	13 Aug.	70	3 Sept.*
Table golf	W. P. Porteous	16636	16 July	63	6 Aug.*
Table-stand for newspapers	H. Buckland	16729	31 July	66	20 Aug.*
Tail-grip for cattle, &c.	J. Robertson	16985	11 Sept.	78	1 Oct.*
Tank-strainer	A. A. Carson	16669	21 July	63	6 Aug.*
Tap	G. Butel	16728	3 Aug.	66	20 Aug.*
Tap	A. S. Tily	16760	4 Aug.	70	3 Sept.*
Tap	C. M. Cruickshank	16765	7 Aug.	70	3 Sept.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Tap	J. F. W. H. Schadick	16824	17 Aug. ..	74	17 Sept.*
Tap and gauge	A. H. Brownley	16638	16 July ..	63	6 Aug.
Tap, Attaching draw-off, to kerosene-tin	W. E. Hughes	16873	27 Aug. ..	74	17 Sept.*
Tap, Flush-	T. W. May	16600	8 July ..	63	6 Aug.*
Tape-perforating apparatus	J. Gell	16637	16 July ..	66	20 Aug.
T square, easel, &c.	E. Gillow	16969	12 Sept. ..	78	1 Oct.*
Teat-cup, Pneumatic	A. Gillies	16944	10 Sept. ..	74	17 Sept.*
Telegraphic tape-perforating apparatus	J. Gell	16637	16 July ..	66	20 Aug.
Temperature-indicator	J. Gallagher	16699	28 July ..	66	20 Aug.*
Tension bridge	F. Lambert	16577	3 July ..	66	20 Aug.*
Tent	H. H. Hillard and A. Priddle	16937	10 Sept. ..	81	15 Oct.
Threshing-machine	C. P. Pratt	16872	27 Aug. ..	74	17 Sept.*
Tidal-power generator	H. M. Meinung	16710	30 July ..	66	20 Aug.*
Tightener, Driving-belt and rope	A. S. Pike	15747	11 Dec., 1902	70	3 Sept.
Tin. (See Cake-tin, Kerosene-tin.)					
Tin, Fixing bottom on	W. White	16961	12 Sept. ..	81	15 Oct.*
Tip-wagon mechanism	H. S. Hayling	16643	16 July ..	63	6 Aug.
Tire, Bicycle-	J. Turnbull and S. Nicolson	16956	10 Sept. ..	81	15 Oct.*
Tire, Bicycle-	E. A. Dane and R. P. Gibbons	16829	17 Aug. ..	70	3 Sept.*
Tire, Bicycle-, &c.	G. H. Moss, jun.	17011	22 Sept. ..	81	15 Oct.*
Tire-cover	G. T. Shilton and A. Schultze	16196	2 April ..	63	6 Aug.
Tire-cover	F. S. Ornstein	15703	29 Nov. 1902	74	17 Sept.
Tire, Pneumatic	Dunlop Pneumatic Tire Company of Australasia, Limited	16943	10 Sept. ..	74	17 Sept.*
Tire-protector	G. T. Stewart	16769	7 Aug. ..	74	17 Sept.*
Tire-remover	S. Nicolson	15659	20 Nov., 1902	60	23 July.
Tires, Treating inner tubes of	F. W. Hall	16832	21 Aug. ..	74	17 Sept.
Toasting-appliance	T. M. Wilford	16957	10 Sept. ..	78	1 Oct.*
Toasting-fork and grid	W. Moore and R. A. McCulloch	16593	1 July ..	60	23 July.*
Tobacco-cutter	G. Kochendorffer	16680	20 July ..	66	20 Aug.*
Tobacco-pipe	W. Greenshields	16973	15 Sept. ..	81	15 Oct.*
Tool, Hedge-clipping	J. Walsh	16633	13 July ..	63	6 Aug.
Tool, rock-drilling, Sharpening	A. Purser, F. W. Jenkins, C. R. McA. Millar	15852	9 Jan. ..	60	23 July.
Tool, Soldering-	R. H. Mason	16597	2 July ..	60	23 July.*
Tooth-brush	H. E. Crease and W. Williams	16778	11 Aug. ..	70	3 Sept.*
Totalisator	D. M. Robertson	16958	11 Sept. ..	78	1 Oct.*
Toy	J. B. Mack	16867	27 Aug. ..	74	17 Sept.*
Trace-chain spreader	A. Dale	16918	3 Sept. ..	78	1 Oct.
Trace-fastening	J. Bates	16622	8 July ..	63	6 Aug.*
Tracer for dress-cutting	L. Roberts	17024	23 Sept. ..	81	15 Oct.
Traction-engine wheels, Gripper for	J. Butler and P. Burke	16812	14 Aug. ..	70	3 Sept.*
Tramway and railway door	H. J. Manson	16611	10 July ..	60	23 July.*
Tramway fares, Distributing and collecting	T. H. Reid	16705	29 July ..	74	17 Sept.*
Tramway-seat	A. Ashcroft and S. Clark	16905	29 Aug. ..	74	17 Sept.*
Trap. (See Animal-trap, Bird-trap, Fly-trap, Mosquito-trap, Mouse-trap, Siphon-trap.)					
Trap for sumps	J. W. Lyes	16959	12 Sept. ..	78	1 Oct.*
Travelling-race	C. Rask and E. A. Cameron	16627	8 July ..	63	6 Aug.*
Trees, Catching gum from	A. J. McPharlin	16879	28 Aug. ..	74	17 Sept.*
Trees, Cutting incisions in	A. J. McPharlin	16928	8 Sept. ..	78	1 Oct.*
Trough for feeding animals	J. Carlye	15412	18 Sept., 1902	60	23 July.
Trouser-clip	W. Beamish	16822	17 Aug. ..	70	3 Sept.*
Trouser-stretcher	W. T. Nuttall and A. Inkpen	16698	28 July ..	66	20 Aug.
Trouser-stretcher	G. Holford	16704	29 July ..	66	20 Aug.
Truck, Spring hand-	T. Kendrick	16693	24 July ..	66	20 Aug.*
Trucks, Loading gravel into	R. A. Wilson	16895	1 Sept. ..	74	17 Sept.*
Tube-cleaner	G. A. King-Ansell	16697	28 July ..	66	20 Aug.
Tubes, Manufacture of	B. F. McTear and H. C. W. Gibson	16782	12 Aug. ..	70	3 Sept.
Tubular dryer	E. Seagar	16642	16 July ..	63	6 Aug.*
Turning and shaping masts	W. H. Dunk	16874	27 Aug. ..	74	17 Sept.
Turning leaves of music	W. Jacobsen	16902	2 Sept. ..	74	17 Sept.*
Turning leaves of music	G. S. Budge	16781	11 Aug. ..	70	3 Sept.*
Umbrella, Construction of	J. F. Wilson and E. H. Whitmore	16757	6 Aug. ..	66	20 Aug.*
Umbrella, Holding ends of ribs of, when closed	J. F. Wilson and E. H. Whitmore	16756	6 Aug. ..	66	20 Aug.*
Umbrella, Securing ends of ribs of	J. F. Wilson and E. H. Whitmore	16711	30 July ..	66	20 Aug.*
Umbrella, Securing ribs to	W. S. Robinson and P. S. Swanson	16650	17 July ..	63	6 Aug.*
Umbrella-tip retainer	P. Kahlenberg	16605	6 July ..	60	23 July.*
Undersleeves, Fastener for	R. H. Mason	16727	29 July ..	66	20 Aug.*
Valve, Football-	G. G. Turri	16740	4 Aug. ..	70	3 Sept.
Valve, Football-	W. Wallace	16952	10 Sept. ..	78	1 Oct.*
Valve for high-pressure tap	J. F. W. H. Schadick	16824	17 Aug. ..	74	17 Sept.
Valve, Tap or	G. Butel	16728	3 Aug. ..	66	20 Aug.*
Vat-churn	A. McDonald	16970	10 Sept. ..	81	15 Oct.
Vehicle-springs attachment	F. S. Potter	15144	17 July, 1902	57	9 July.
Vehicle-springs, Producing unison of action in	T. G. Stevens	16992	17 Sept. ..	84	29 Oct.
Vending-machine	E. Shaw	16892	29 Aug. ..	78	1 Oct.
Venetian-blind	M. Kimbel	16880	27 Aug. ..	74	17 Sept.*
Ventilating glass	H. K. Wilkinson	16982	11 Sept. ..	78	1 Oct.*
Ventilator	A. Burt	16854	22 Aug. ..	74	17 Sept.*
Ventilator	G. Bolton	16647	11 July ..	63	6 Aug.*
Ventilator	M. Bowles	17058	28 Sept. ..	91	26 Nov.
Ventilator	W. F. Slack	15552	25 Oct., 1902	63	6 Aug.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Ventilator for waterproofs	B. Porter	16675	23 July ..	63	6 Aug.*
Ventilator, Window	T. Roberts	15546	21 Oct., 1902	60	23 July.
Voltage-regulator	J. P. Campbell	16865	27 Aug. ..	..	..
Wagon, Tip-, mechanism	H. S. Hayling	16643	16 July ..	63	6 Aug.
Wallet, Correspondence	E. R. Wheeler	17007	18 Sept. ..	81	15 Oct.*
Wall-plaster and boiler-covering	R. L. and D. Adams	16666	21 July ..	66	20 Aug.
Warning-signal	G. McI. Scott	17005	17 Sept. ..	81	15 Oct.*
Washing boiler	H. W. de Baugh	16609	6 July ..	60	23 July.*
Wash-up mop	H. J. Gentles	16859	26 Aug. ..	74	17 Sept.*
Watches, Dustproof attachment for	A. Campbell	16881	28 Aug. ..	74	17 Sept.*
Watches, Preventing theft of	J. F. Wilson and E. H. Whitmore	16758	6 Aug. ..	66	20 Aug.*
Water-closet and latrine	G. Bolton	16692	23 July ..	66	20 Aug.*
Water-closet seat	T. d'A. C. Macted	16847	21 Aug. ..	74	17 Sept.
Water-lift	H. McNeill and F. W. Grant	16990	17 Sept. ..	..	..
Waterproof	T. Morris	16749	1 Aug. ..	66	20 Aug.*
Waterproof, Ventilator for	B. Porter	16675	23 July ..	63	6 Aug.*
Water-table for road-making	W. E. Hughes	17019	24 Sept. ..	81	15 Oct.*
Watertight boots	G. Foster	16590	4 July ..	63	6 Aug.
Wave-motor	C. Soulas	16977	15 Sept. ..	81	15 Oct.
Wave-motor	R. Millar	16645	11 July ..	63	6 Aug.*
Wave-motor	R. Millar	16646	11 July ..	63	6 Aug.*
Weather-filling for roofs	J. G. L. Hewitt	17017	19 Sept. ..	81	15 Oct.*
Weed-destroyer	R. A. Thompson	16981	16 Sept. ..	78	1 Oct.
Wheel for cart	F. G. Kinsey	17054	29 Sept. ..	84	29 Oct.*
Wheels, Traction-engine, gripper for	J. Butler and P. Burke	16812	14 Aug. ..	70	3 Sept.*
Wheel-tire cover	F. S. Ornstien	15703	29 Nov., 1902	74	17 Sept.
Windmill	F. G. Semb and W. Kilgour	16917	3 Sept. ..	74	17 Sept.*
Window attachments	W. Aitken	16657	16 July ..	63	6 Aug.*
Window-curtain support	Van H. L. Wood	15636	17 Nov., 1902	63	6 Aug.
Window display purposes, Apparatus for	F. L. Carr	16748	5 Aug. ..	66	20 Aug.*
Window-fastener	C. G. R. Gore	16844	22 Aug. ..	70	3 Sept.*
Window-gear	J. Baird	16906	1 Sept. ..	74	17 Sept.*
Window-gear, Non-weighted	J. Baird	17036	24 Sept. ..	81	15 Oct.*
Window-sash retainer	W. P. Styles	17032	29 Sept. ..	84	29 Oct.*
Windows and doors, Stop for	H. J. Weeks	16696	28 July ..	66	20 Aug.
Window-sashes, Locking, &c.	A. H. W. Wedler	16668	22 July ..	66	20 Aug.
Window-support	J. G. Lodge	16868	27 Aug. ..	..	..
Windows, Ventilating	T. Roberts	15546	21 Oct., 1902	60	23 July.
Wire coiler	D. McKenzie	16595	2 July ..	60	23 July.*
Wire coiler, Barbed-	W. A. Taylor	16840	22 Aug. ..	70	3 Sept.*
Wire-cutter and staple-drawer	W. R. Morgan	16574	1 July ..	63	6 Aug.
Wire-fencing batten	J. Wright	16774	6 Aug. ..	70	3 Sept.*
Wire-fencing coiler	R. and F. Fenwick	16830	21 Aug. ..	70	3 Sept.*
Wire fencing, Fixing stakes in	D. Thompson	16798	13 Aug. ..	70	3 Sept.*
Wire-strainer	B. A. A. Pearce	16674	23 July ..	63	6 Aug.*
Wire-strainer	B. A. A. Pearce	16722	31 July ..	66	20 Aug.*
Wire-strainer	H. Davidson, P. J. Causer, and P. B. Richards	16796	14 Aug. ..	81	15 Oct.
Wire-strainer	T. C. Berry	16896	1 Sept. ..	78	1 Oct.*
Wire, Winding and unwinding	C. G. Gamble	16635	14 July ..	63	6 Aug.*
Wood-preserving	J. L. Ferrell	17056	30 Sept. ..	84	29 Oct.
Wool, Mineral, manufacture of	O. F. Colvin	17020	25 Sept. ..	81	15 Oct.*
Wool, Removing, from sheepskins	C. C. Smith	16846	21 Aug. ..	70	3 Sept.*
Wrappers, Pictorial	J. Miller	16733	30 July ..	..	..
Writing-desk, &c.	J. H. Fuller	16876	25 Aug. ..	74	17 Sept.*
Yeast-preserving	W. H. Wyers	17039	30 Sept. ..	84	29 Oct.

List of Applicants for Registration of Designs.

A LPHABETICAL list of applicants for registration of designs during quarter ending 30th September, 1903.

Name and Address.	No. of Class.	Design.		Gazette.	
		No.	Date.	No.	Date.
Billing, A. F., and another, Auckland, N.Z. ..	5	192	8 Sept. ..	78	1 Oct.
Birmingham Small Arms Company, Limited, Small Heath, Birmingham, Eng. ..	1	187	24 July ..	63	6 Aug.
Day, H., Christchurch, N.Z.	3	189	14 Aug. ..	70	3 Sept.
Garland, T., Wellington, N.Z.	1	190	27 Aug. ..	70	3 Sept.
Harding, H. T., and another, Auckland, N.Z. ..	5	192	8 Sept. ..	78	1 Oct.
Harding and Billing. (See H. T. Harding and A. F. Billing.) .. .. .	..	..	..	..	..
Schatz and Co., L., Wellington, N.Z.	2	185	2 July ..	57	9 July.
Schats and Co., L., Wellington, N.Z.	2	186	2 July ..	57	9 July.
Scott, G., Sydenham, N.Z.	10	191	28 Aug. ..	74	17 Sept.
Tait, J., Wellington, N.Z.	5	193	14 Sept. ..	78	1 Oct.
Taylor Bros., Sydney, N.S.W.	2	188	1 Aug. ..	70	3 Sept.

List of Applicants for Registration of Trade Marks.

A LPHABETICAL list of applicants for registration of trade marks, for quarter ending 30th September, 1903 (including also applications lodged prior to but gazetted during such quarter).

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Aktiengesellschaft für Feinmechanik vormals Jetter und Scheerer	Tuttlingen, Germany ..	11	4296	28 July ..	63	6 Aug.
Alaska Packers Association ..	San Francisco, U.S.A. ..	42	3968, 9, 3970, 1, 2, 3	16 Oct., 1902	63	6 Aug.
Allan and Co. Proprietary, Limited ..	Melbourne, Vic. ..	9	4381	17 Sept. ..	78	1 Oct.
Allan, M. ..	Mosgiel, N.Z. ..	3	4294	24 July ..	63	6 Aug.
American Tobacco Company of New Zealand, Limited, The	Auckland, N.Z. ..	45	4279	10 July ..	60	23 July.
American Tobacco Company of New Zealand, Limited, The	Auckland, N.Z. ..	45	4280	10 July ..	60	23 July.
Anargyros, S., Incorporated ..	New York, U.S.A. ..	45	4310	3 Aug. ..	63	6 Aug.
Anderson, W. ..	Christchurch, N.Z. ..	42	4392	24 Sept. ..	..	..
Ardath Tobacco Company. (See A. Levy.)						
Austral-American Mercantile Company, Limited, The	Sydney, N.S.W. ..	47	4315	6 Aug. ..	78	1 Oct.
Australian Tea Trading Company, The. (See W. and P. McIntyre.)						
Awanui Fish-canning Company, The ..	Awanui, N.Z. ..	42	4391	23 Sept. ..	..	..
Bayer and Co., C. ..	London, Eng. ..	38	4195	12 May ..	63	6 Aug.
Bell and Co., Palmerston North, New Zealand. (See J. Bell and E. W. I. Collins, Nos. 4281, 4334, and 4335.)						
Bell, J., and another ..	Palmerston North, N.Z. ..	44	4281	13 July ..	60	23 July.
Bell, J., and another ..	Palmerston North, N.Z. ..	42	4334	20 Aug. ..	70	3 Sept.
Bell, J., and another ..	Palmerston North, N.Z. ..	43	4335	20 Aug. ..	81	15 Oct.
Bell, J., and another ..	Palmerston North, N.Z. ..	43	4335	20 Aug. ..	81	15 Oct.
Bradbury, R. A. ..	Christchurch, N.Z. ..	38	4330	17 Aug. ..	70	3 Sept.
British-American Tobacco Company, Limited	London, Eng. ..	45	4383-5	18 Sept. ..	78	1 Oct.
British-American Tobacco Company, Limited	London, Eng. ..	45	4386, 7	18 Sept. ..	..	..
Caselberg, and Co., L. ..	Wellington, N.Z. ..	42	4379	17 Sept. ..	..	..
Chapman, S., and others ..	Sydney, N.S.W. ..	42	4290	22 July ..	63	6 Aug.
Chrystall and Co. (See Neill and Co., Limited.)						
Cifuentes Fernandez and Co. ..	Havana, Cuba ..	45	4394	26 Sept. ..	81	15 Oct.
Clarke and Co., I. P. ..	Leicester, Eng. ..	23	4350	27 Aug. ..	74	17 Sept.
Clarke, S. I. ..	Auckland, N.Z. ..	6	4354	29 Aug. ..	70	3 Sept.
Close, J., and others ..	Napier, N.Z. ..	42	4370	11 Sept. ..	74	17 Sept.
Collins, E. W. I., and another ..	Palmerston North, N.Z. ..	44	4281	13 July ..	60	23 July.
Collins, E. W. I., and another ..	Palmerston North, N.Z. ..	42	4334	20 Aug. ..	70	3 Sept.
Collins, E. W. I., and another ..	Palmerston North, N.Z. ..	43	4335	20 Aug. ..	81	15 Oct.
Collins, E. W. I., and another ..	Palmerston North, N.Z. ..	43	4335	20 Aug. ..	81	15 Oct.
Constable, J. ..	Napier, N.Z. ..	18	4312	4 Aug. ..	66	20 Aug.
Cooper, F. J. ..	Auckland, N.Z. ..	3	4361	2 Sept. ..	74	17 Sept.
Crease, H. E. ..	Karangahake, N.Z. ..	50	4318	7 Aug. ..	66	20 Aug.
Crown Milling Company, Limited, The	Dunedin, N.Z. ..	42	4343	24 Aug. ..	..	..
Dawes and Sons, T. (See T. Dawes.)						
Dawes, T. ..	Auckland, N.Z. ..	44	4388	18 Sept. ..	..	..
Distillers' Company, Limited, The ..	Edinburgh, Scotland ..	43	4272	30 June ..	74	17 Sept.
Douglas Manufacturing Company ..	New York, U.S.A. ..	3	4341	21 Aug. ..	81	15 Oct.
Falk and Co. (See J. B. Thornley and T. H. Hassall.)						
Gilkison, J., and others ..	Invercargill, N.Z. ..	2	4352	28 Aug. ..	78	1 Oct.
Gilkison, J., and others ..	Invercargill, N.Z. ..	47	4353	28 Aug. ..	70	3 Sept.
Gilkison, J., and others ..	Invercargill, N.Z. ..	42	4356	31 Aug. ..	70	3 Sept.
Goode, W. E. ..	Christchurch, N.Z. ..	42	4362	3 Sept. ..	74	17 Sept.
Graham, J., and others ..	Invercargill, N.Z. ..	2	4352	28 Aug. ..	78	1 Oct.
Graham, J., and others ..	Invercargill, N.Z. ..	47	4353	28 Aug. ..	70	3 Sept.
Graham, J., and others ..	Invercargill, N.Z. ..	42	4356	31 Aug. ..	70	3 Sept.
Graham, J., and others ..	Invercargill, N.Z. ..	42	4356	31 Aug. ..	70	3 Sept.
Gregg and Co., Limited, W. ..	Dunedin, N.Z. ..	42	4293	24 July ..	91	26 Nov.
Gregg and Co., Limited, W. ..	Dunedin, N.Z. ..	42	4282	16 July ..	60	23 July.
Gregg and Co., Limited, W. ..	Dunedin, N.Z. ..	50	4275	6 July ..	60	23 July.
Grove, E. ..	Palmerston North, N.Z. ..	42	4274	1 July ..	57	9 July.
Harris, T. W., and others ..	Sydney, N.S.W. ..	42	4290	22 July ..	63	6 Aug.
Hassall, T. H., and another ..	Durban, S. Africa ..	39	4285	16 July ..	74	17 Sept.
Hayward Bros., Limited ..	Christchurch, N.Z. ..	47	4313	4 Aug. ..	..	..
Hayward Bros., Limited ..	Christchurch, N.Z. ..	47	4319	7 Aug. ..	66	20 Aug.
Hennessy and Co., J. ..	Cognac, France ..	43	4286, 7	14 July ..	70	3 Sept.
Hennessy and Co., J. ..	Cognac, France ..	43	4357-9	1 Sept. ..	70	3 Sept.
Holbrook's, Limited ..	Birmingham, Eng. ..	42	4369	9 Sept. ..	..	..
Hughes, H. ..	French Pass, N.Z. ..	6	4360	2 Sept. ..	74	17 Sept.
Hutchinson, G. R. ..	Auckland, N.Z. ..	42	4307	28 July ..	..	..
Hutton, C. A. ..	Dunedin, N.Z. ..	3	4298	29 July ..	63	6 Aug.
Hutton's Manufacturing and General Agency Company. (See C. A. Hutton.)						

ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS—continued.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
International Oil Engine and Launch Company. (See H. Hughes.)						
International Supply Company. (See T. Wilson and J. W. Perry.)						
Jenkins Bros.	New York, U.S.A.	6	4125	16 March	57	9 July.
Jenkins Bros.	New York, U.S.A.	40	4289	16 March	63	6 Aug.
Kempthorne, Prosser, and Co.'s New Zealand Drug Co., Limited	Wellington, N.Z.	48	4291	23 July	63	6 Aug.
Kenderdine and Kirkup	Auckland, N.Z.	50	4308	31 July	66	20 Aug.
King and Co., J. B.	New York, U.S.A.	17	4331-3	19 Aug.	78	1 Oct.
Kynoch, Limited	Birmingham, Eng.	19	4373, 5	15 Sept.	78	1 Oct.
Kynoch, Limited	Birmingham, Eng.	20	4374, 6, 7	15 Sept.	78	1 Oct.
Lever Bros., Limited	Balmain, N.S.W.	47	4322	12 Aug.	66	20 Aug.
Lever Bros., Limited	Balmain, N.S.W.	48	4323	12 Aug.	66	20 Aug.
Levy, A.	London, Eng.	45	4301-5	29 July	63	6 Aug.
Live-stock Ailments Remedies Proprietary, Limited	Melbourne, Vic.	2	4324	12 Aug.	66	20 Aug.
Logan, F., and others	Napier, N.Z.	42	4370	11 Sept.	74	17 Sept.
Markwald, H.	Wellington, N.Z.	3	4378	17 Sept. . . . .	..	..
McIntyre and Co., D. C.	Christchurch, N.Z.	42	3863	25 July, 1902	74	17 Sept.
McIntyre Bros. (See W. and P. McIntyre.)						
McIntyre, P., and another	Melbourne, Vic.	42	4300	29 July	74	17 Sept.
McIntyre, W., and another	Melbourne, Vic.	42	4300	29 July	74	17 Sept.
Millington, M.	Blackball, N.Z.	3	4311	3 Aug.	66	20 Aug.
Molls Bros. (See H. Molls, Nos. 4202, 4336, 4337, 4338, 4339, 4340.)						
Molls, H.	Melbourne, Vic.	34	4202	14 May	63	6 Aug.
Molls, H.	Melbourne, Vic.	34	4336	20 Aug.	70	3 Sept.
Molls, H.	Melbourne, Vic.	34	4337	20 Aug.	70	3 Sept.
Molls, H.	Melbourne, Vic.	34	4339	21 Aug.	70	3 Sept.
Molls, H.	Melbourne, Vic.	34	4338	20 Aug.	70	3 Sept.
Molls, H.	Melbourne, Vic.	34	4340	21 Aug.	70	3 Sept.
Murray and Co., Limited, W. T.	Invercargill, N.Z.	42	4317	6 Aug.	70	3 Sept.
Naumann, F. W.	Wellington, N.Z.	48	4365	5 Sept. . . . .	..	..
Neal and Close. (See J. Close, M. A. Neal, and F. Logan.)						
Neal, M. A., and others	Napier, N.Z.	42	4370	11 Sept.	74	17 Sept.
Neill and Co., Limited	Christchurch, N.Z.	47	4395	28 Sept.	78	1 Oct.
Neill and Co., Limited	Christchurch, N.Z.	47	4396	28 Sept.	81	15 Oct.
Nugget Polish Company, Limited, The	London, Eng.	50	4347	27 Aug.	78	1 Oct.
Nugget Polish Company, Limited, The	London, Eng.	50	4348	27 Aug.	78	1 Oct.
Nugget Polish Company, Limited, The	London, Eng.	50	4349	27 Aug.	78	1 Oct.
Oakes and Co., Limited	Madras, India, and London, Eng.	45	3987	30 Oct., 1902	57	9 July.
Oates, Lowry, and Co.	Christchurch, N.Z.	22	4364	2 Sept. . . . .	..	..
Ogden's, Limited	Liverpool, Eng.	45	3921	4 Sept., 1902	63	6 Aug.
Old's Motor Works	Detroit, U.S.A.	22	4284	16 July	60	23 July.
Ordway and Co., A. P.	New York and Boston, U.S.A.	3	4316	6 Aug.	91	26 Nov.
Parker, W.	Wellington, N.Z.	48	4283	16 July	66	20 Aug.
Paterson, J. A., and others	Sydney, N.S.W.	42	4290	22 July	63	6 Aug.
Pearson and Rutter, Limited	New Plymouth, N.Z.	42	4367	9 Sept.	74	17 Sept.
Pearson, W. E.	London, Eng.	2	4346	26 Aug.	74	17 Sept.
Perry, J. W., and another	Christchurch, N.Z.	42	4372	15 Sept. . . . .	..	..
Phoenix Company, Limited, The	Dunedin, N.Z.	42	4366	8 Sept.	74	17 Sept.
Pitman and Sons, Limited, Sir Isaac	Bath, Eng.	39	4103	23 Feb.	70	3 Sept.
Read Bros., Limited	London, Eng.	43	4278	9 July	66	20 Aug.
Reinemann and Co. (See E. Reinemann.)						
Reinemann, E.	London, Eng.	1	4299	29 July	63	6 Aug.
Reynolds, E.	Wellington and Auckland, N.Z.	40	4393	24 Sept.	78	1 Oct.
Roberts, L.	Dunedin, N.Z.	39	4342	21 Aug.	70	3 Sept.
Sargood, Son, and Ewen	Wellington, N.Z.	34	4325	12 Aug.	66	20 Aug.
Saunders and Co., Limited, J.	London, Eng.	43	4326	14 Aug.	66	20 Aug.
Scott, G. H.	Wellington, N.Z.	13	4288	22 July	63	6 Aug.
Shelton, F. J.	Wellington, N.Z.	18	4345	25 Aug.	70	3 Sept.
Simms, F. R.	Christchurch, N.Z.	2	4144	24 March	57	9 July.
Solari, A.	Smyrna, Asia Minor	42	4371	14 Sept.	84	29 Oct.
Subritzky, J. A.	Awanui, N.Z.	3	4295	27 July	63	6 Aug.
Teacher and Sons, W.	Glasgow, Scotland	48	4380	17 Sept.	78	1 Oct.
Terezol Company, Limited, The	Manchester, Eng.	50	4314	5 Aug.	70	3 Sept.
Tetlow Manufacturing Company, The	Philadelphia, U.S.A.	48	4344	25 Aug.	74	17 Sept.

ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS—*continued.*

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Thomsen, W. A.	Rotorua, N.Z. ..	50	4363	3 Sept. ..	..	..
Thomson, Bridger, and Co., Limited ..	Dunedin, N.Z. ..	6	4389	21 Sept. ..	78	1 Oct.
Thornley, J. B., and another ..	Sydney, N.S.W. ..	39	4285	16 July ..	74	17 Sept.
Tregea and Co., J.	Auckland, N.Z. ..	2	4297	29 July ..	74	17 Sept.
Triton Supply Company of New Zealand	Dunedin, N.Z. ..	1	4351	27 Aug. ..	81	15 Oct.
Triton Supply Company	Dunedin, N.Z. ..	45	4355	31 Aug. ..	..	..
Turner and Co. (See H. J. Turner.)						
Turner, H. J.	Wanganui, N.Z. ..	22	4276	6 July ..	60	23 July.
Union Oil, Soap, and Candle Company, Limited	Auckland, N.Z. ..	47	4390	23 Sept. ..	78	1 Oct.
Vacuum Oil Company	New York, U.S.A.; Mel- bourne, Vic.; Welling- ton, N.Z.	47	4320, 4321	8 Aug. ..	66	20 Aug.
Van Houten, C. J., and Zoon	Weesp, Holland ..	42	4146	25 March ..	63	6 Aug.
Virgoe, Son, and Chapman. (See S. Chapman, T. W. Harris, and J. A. Paterson.)						
Wallace, J.	Dunedin, N.Z. ..	38	4368	9 Sept. ..	..	..
Walpole, R. W.	Opua, N.Z. ..	43	4306	28 July ..	63	6 Aug.
Watson and Co. (See J. E. Watson, J. Graham, and J. Gilkison.)						
Watson, J. E., and others	Invercargill, N.Z. ..	2	4352	28 Aug. ..	78	1 Oct.
Watson, J. E., and others	Invercargill, N.Z. ..	47	4353	28 Aug. ..	70	3 Sept.
Watson, J. E., and others	Invercargill, N.Z. ..	42	4356	31 Aug. ..	70	3 Sept.
Weingarten Bros.	New York, U.S.A. ..	38	3706	13 Mar., 1902	66	20 Aug.
Wheeler, C.	Wellington, N.Z. ..	38	4309	31 July ..	..	..
Williamson, H. B.	Wanganui, N.Z. ..	3	4292	24 July ..	63	6 Aug.
Wilson, T., and another	Christchurch, N.Z. ..	42	4372	15 Sept. ..	..	..
Wise, G. B.	Dunedin, N.Z. ..	3	4382	18 Sept. ..	..	..
Wright, Layman, and Umney, Limited	London, Eng. ..	2	4327	14 Aug. ..	66	20 Aug.
Wright, Layman, and Umney, Limited	London, Eng. ..	47	4328	14 Aug. ..	66	20 Aug.
Wright, Layman, and Umney, Limited	London, Eng. ..	48	4329	14 Aug. ..	66	20 Aug.

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