

1901.

NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE MARKS :

TWELFTH ANNUAL REPORT OF THE REGISTRAR.

Presented to both Houses of the General Assembly pursuant to Section 128 of "The Patents, Designs, and Trade Marks Act, 1889."

I HAVE the honour to submit the report on the operations of the Patents, Designs, and Trade Marks Office for the year ended the 31st December, 1900.

There has been a small increase in all classes of the business of the office during the year, and the revenue still maintains its elasticity. The actual revenue received was £3,396 17s. 3d., while the expenditure amounted to £1,027 5s. 8d., leaving a surplus of £2,369 11s. 7d. Full particulars are given in Tables B and C.

The total number of patents applied for was 1,009, an increase of seventeen over the previous year. There was no marked increase in any particular class of invention, but the largest number of applications were made for inventions under the following headings: viz., boilers, &c., 29 (including 14 spark-arresters); building, 33; dredging, &c., 51 (including 28 for dredges and parts thereof); engines, &c., 46 (including 12 electric motors); illuminating, 46 (including 17 electric illuminating appliances); minerals, 105 (including 52 for saving and extracting gold); railways, 37 (including 11 coupling and draught appliances); and road vehicles, 55 (including 27 relating to cycles). There were also five applications in respect of linotype machines.

As usual the large majority of the applications came from inventors resident in New Zealand, of whom there were 616. The United Kingdom came next with 120; the United States, 88; Victoria, 70; and New South Wales, 52. There were 10 women inventors all in New Zealand.

There were thirteen applications under the International Convention, by which a right of priority is secured in those countries which are parties to the Convention.

A change has been made in the method of sending out the English specifications supplied to this office through the kindness of the Comptroller-General of Patents, London. These have hitherto been retained at the publishers until several volumes were collected, when they were bound and sent out, a considerable time thus elapsing, in some cases two years or more, between the date of the publishing of a specification and of its receipt in the colony. The specifications are now sent out every month in small lots, and as soon as received are available for inspection. When a sufficient number of volumes have come to hand they can be bound in the colony equally as well as the work has been done in London at rather less cost.

The following table is of interest as showing the number of patents that were considered of sufficient value to be kept alive by payment of the renewal fees:—

Year.	Number of Applications received.	Number of Letters Patent granted.	Number of Patents on which Second-term Fee paid.	Number of Patents on which Final Fee paid.
1890	614	364	80	37
1891	589	348	78	23
1892	606	326	84	37
1893	625	334	99	47
1894	756	349	88	...
1895	816	362	113	...
1896	992	478	118	...

The Appendix hereto contains the following tables:—

- A. Balance-sheet of Income and Expenditure for the Year ended 31st December, 1900.
- B. Table showing Revenue and Expenditure for each of the Last Eight Years.
- C. Particulars of Fees received from the 1st January to the 31st December, 1900.
- D. Staff of Officers and Salaries.

E. Number of Provisional and Complete Specifications received, &c., under Act of 1889.

F. Total Number of Applications for Patents, and Registration of Designs, and Trade Marks, recorded for the Years 1890 to 1900 inclusive.

G. Number of Applications for Patents from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1898, 1899, and 1900.

H. Number of Applications for Registration of Trade Marks from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1898, 1899, and 1900.

I. Number of Applications to Register Trade Marks in the fifty different classes, in each of the Years 1898, 1899, and 1900.

J. Alphabetical List of Applicants for Patents in the Year 1900.

K. Alphabetical List of Titles of Inventions for which Letters Patent have been applied during the Year 1900.

L. Alphabetical List of Applicants for Registration of Designs during the Year 1900.

M. Alphabetical List of Applicants for Registration of Trade Marks during the Year 1900.

F. WALDEGRAVE, Registrar.

Patent Office, Wellington, 6th August, 1901.

APPENDIX.

A.—BALANCE-SHEET of INCOME and EXPENDITURE for the Year ending 31st December, 1900.

<i>Income.</i>			<i>Expenditure.</i>		
	£	s. d.		£	s. d.
Patent fees ...	2,899	9 9	Salaries ...	604	16 7
Design fees ...	7	11 0	Copying specifications, &c. ...	24	16 0
Trade-mark fees ...	488	16 6	Fees to Patent Office Agents ...	39	0 0
Sale of Acts, &c. ...	1	0 0	Printing and stationery from Government Printing Office ...	39	15 11
			Printing Patents <i>Gazette</i> ...	242	0 0
			Binding, freight, &c., of British specifications and abridgments ...	59	15 11
			Telephone ...	5	12 2
			Fees refunded ...	2	0 0
			Incidental expenses ...	9	9 1
			Balance for the year ...	2,369	11 7
	<u>£3,396</u>	<u>17 3</u>		<u>£3,396</u>	<u>17 3</u>

B.—TABLE showing REVENUE and EXPENDITURE for each of the Last Eight Years.

Year.	Receipts.			Expenditure.			Surplus.		
	£	s.	d.	£	s.	d.	£	s.	d.
1893 ..	2,150	2	0	396	8	9	1,753	13	9
1894 ..	2,477	7	0	536	6	11	1,941	0	1
1895 ..	2,170	9	6	464	15	8	1,705	13	10
1896 ..	2,583	0	6	564	6	10	2,018	13	8
1897 ..	3,183	9	0	574	15	2	2,608	13	10
1898 ..	2,824	9	0	623	1	11	2,201	7	1
1899 ..	3,102	2	6	851	2	6	2,251	0	0
1900 ..	3,396	17	3	1,027	5	8	2,369	11	7

C.—PARTICULARS of FEES received from the 1st JANUARY to the 31st DECEMBER, 1900.

	Number.	Fees. — Each.	Amount received.
PATENTS.			
Applications for patents with provisional specifications	529	£ s.	£ s. d.
Applications for patents with complete specifications	482	0 10	264 10 0
Complete specifications left after provisional specifications	155	0 10	241 0 0
Issue of letters patent	536	0 10	77 10 0
Issue of duplicate letters patent	1	2 0	1,072 0 0
Applications to amend specifications	7	2 0	2 0 0
Second-term fees, payable before end of fourth year	120	1 0	7 0 0
Third-term fees, payable before end of seventh year	43	5 0	600 0 0
Notices of opposition	12	10 0	430 0 0
Hearing objections	6	0 10	6 0 0
Applications for enlargement of time for deposit of complete specifications	8	2 0	12 0 0
On grant of such enlargement	7	0 10	4 0 0
Applications for enlargement of time for payment of fees	15	1 0	7 0 0
On grant of such enlargement	15	0 10	15 0 0
Notices of appeal to Supreme Court against decisions of Registrar	6	1 0	6 0 0
Searches	222	0 1	11 2 0
Registration of assignments and licenses	96	0 10	48 0 0
Certificates of such registration	83	0 10	41 10 0
Copies of specifications and drawings .. .. .	..	..	39 19 9
Certifying copies	11	0 1	0 11 0
Correction of clerical errors in specifications, &c.	7	0 5	1 15 0
Alteration of address on Register .. .. .	..	..	0 10 0
Registration of Patent Agents	2	1 1	2 2 0
Miscellaneous .. .. .	..	..	2 10 0
			£2,899 9 9
DESIGNS.			
Applications for registration of designs	15	0 10	7 10 0
Searches	1	0 1	0 1 0
			£7 11 0
TRADE MARKS.			
Applications for registration of trade-marks	354	0 5	88 10 0
Registration of trade-marks	315	1 0	315 0 0
Registration of assignments .. .. .	..	£1 & 2s.	43 6 0
Certificates of such registration	78	0 5	19 10 0
Notices of opposition	6	1 0	6 0 0
Altering address on Register	3	0 5	0 15 0
Request correct clerical error	3	0 5	0 15 0
Renewal of registration	4	1 0	4 0 0
Searches	69	0 1	3 9 0
Advertisements: Cost of extra space in <i>Gazette</i> .. .. .	..	..	6 17 0
Certified extracts from Register .. .. .	..	..	0 10 0
Duplicate certificate of trade mark .. .. .	..	..	0 2 0
Block .. .. .	..	..	0 2 6
			£488 16 6

D.—STAFF of OFFICE and SALARIES.

	£
Registrar*	Nil.
Deputy-Registrar	250
Clerk	140
Clerk	105
Messenger	120
	£615

* Also Under-Secretary for Justice.

E.—NUMBER of PROVISIONAL and COMPLETE SPECIFICATIONS RECEIVED, &c., under Act of 1889.

Year.	Number of Applications with which Complete Specifications lodged.		Number of Applications with which Provisional Specifications lodged.		Number of Applications for which Complete Specifications subsequently lodged.		Number of Applications abandoned, lapsed, or refused.		Number of Patents sealed.		Total Number of Applications.
	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	
1890	242	207	107	60	27	17	202	50	147	217	616
1891	187	207	126	69	29	25	191	50	122	226	589
1892	202	191	160	53	40	16	237	43	125	201	606
1893	198	178	197	52	51	24	262	30	133	200	625
1894	278	166	251	61	69	16	352	51	177	176	756
1895	229	201	307	79	75	34	403	51	133	229	816
1896	299	275	318	100	68	33	439	75	185	293	992
1897	217	303	444	129	87	41	481	95	181	336	1,093
1898	199	305	419	98	102	29	447	70	172	332	1,021
1899	182	297	382	131	84	55	*	*	*	*	992
1900	160	321	441	87	*	*	*	*	*	*	1,009

* These figures are necessarily incomplete, as the time for proceeding further with the applications has not yet expired.

F.—TOTAL NUMBER of APPLICATIONS for PATENTS, and REGISTRATION of DESIGNS and TRADE MARKS, recorded for the Years 1890 to 1900 inclusive.

Year.	Patents.	Designs.	Trade-marks.	Total.
1890	616	5	160	781
1891	589	4	225	818
1892	606	10	290	906
1893	625	1	325	951
1894	756	15	347	1,118
1895	816	14	254	1,084
1896	992	27	279	1,298
1897	1,093	13	361	1,467
1898	1,021	10	343	1,374
1899	992	12	328	1,332
1900	1,009	15	348	1,372

G.—NUMBER of APPLICATIONS for PATENTS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1898, 1899, and 1900.

	1898.	1899.	1900.		1898.	1899.	1900.
New Zealand	616	563	602	Norway .. .. .	..	..	1
Austria	1	4	..	Queensland	7	8	17
Belgium	5	3	..	Russia .. .. .	..	2	1
Canada	3	7	9	South African Republic .. .. .	..	3	..
Cape of Good Hope	1	..	..	South Australia	13	8	11
Denmark	5	10	7	Sweden	2	..	4
France	11	5	9	Switzerland .. .. .	..	..	3
Germany	9	15	5	Tasmania	5	2	6
Holland .. .. .	..	3	..	United Kingdom	131	99	120
Hungary .. .. .	..	2	..	United States	58	109	88
India .. .. .	..	1	1	Uruguay	1	..	..
Italy .. .. .	..	..	1	Victoria	85	68	..
New South Wales	65	78	52	Western Australia	5	9	5
Nicaragua	1	..	..		

NOTE.—A few applications were received from joint applicants resident in different countries; the figures will, therefore total more than the actual number of applications received.

H.—NUMBER of APPLICATIONS for REGISTRATION of TRADE MARKS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1898, 1899, and 1900.

	1898.	1899.	1900.		1898.	1899.	1900.
New Zealand	175	180	167	Norway	4	..	..
Belgium .. .. .	..	..	1	Queensland .. .. .	..	2	1
Canada	1	1	..	South Australia	1	11	1
Ceylon	1	..	1	Sweden .. .. .	..	..	3
Denmark	3	..	..	Switzerland	4	1	..
France	3	1	3	Tasmania	1	..	1
Germany	2	3	7	United Kingdom	97	87	95
Hungary	1	..	..	United States	34	23	12
India	1	..	1	Victoria	11	13	29
New South Wales	21	15	39				

NOTE.—A few applications were received from persons giving addresses in two or more countries; the figures will, therefore, total more than the actual number of applications received.

I.—NUMBER of APPLICATIONS to register TRADE MARKS in the Fifty different Classes, in each of the Years 1898, 1899, and 1900.

Classes.	Classification of Goods.	1898.	1899.	1900.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	8	8	9
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	11	17	19
3	Chemical substances prepared for use in medicine and pharmacy	41	26	34
4	Raw or partly-prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	3	4	1
5	Unwrought and partly-wrought metals used in manufacture .. .. .	..	8	3
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	2	1	6
7	Agricultural and horticultural machinery, and parts of such machinery	2	2	5
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	..	..	1
9	Musical instruments .. .. .	..	..	6
10	Horological instruments .. .. .	..	3	..
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	..	..	..
12	Cutlery and edge-tools	2	3	2
13	Metal goods not included in other classes	5	5	12
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	..	..	..
15	Glass	1	3	..
16	Porcelain and earthenware .. .. .	..	1	3
17	Manufactures from mineral and other substances for building or decoration	3	4	1
18	Engineering, architectural, and building contrivances	3	1	3
19	Arms, ammunition, and stores not included in Class 20 .. .. .	..	..	1
20	Explosive substances	5	4	..
21	Naval architectural contrivances and naval equipments .. .. .	..	..	..
22	Carriages	7	2	7
23	Cotton yarn and thread	7	..	..
24	Cotton piece-goods of all kinds .. .. .	..	2	1
25	Cotton goods not included in Classes 23, 24, and 38 .. .. .	..	..	1
26	Linen and hemp yarn and thread .. .. .	..	..	..
27	Linen and hemp piece-goods .. .. .	..	..	..
28	Linen and hemp goods not included in Classes 26, 27, and 50 .. .. .	..	..	..
29	Jute yarns and tissues, and other articles made of jute not included in Class 50 .. .. .	..	..	..
30	Silk, spun, thrown, or sewing	2	..	..
31	Silk piece-goods .. .. .	..	1	..
32	Other silk goods not included in Classes 30 and 31 .. .. .	..	..	..
33	Yarns of wool, worsted, or hair	1	1	..
34	Cloth and stuffs of wool, worsted, or hair	2	2	..
35	Woollen and worsted and hair goods not included in Classes 33 and 34	3	1	..
36	Carpets, floorcloth, and oilcloth	3	..	..
37	Leather, skins, unwrought and wrought, and articles made of leather not included in other classes	5	1	1
38	Articles of clothing	24	9	7
39	Paper (except paperhangings), stationery, and bookbinding	7	7	1
40	Goods manufactured from indiarubber and guttapercha not included in other classes	..	4	3
41	Furniture and upholstery .. .. .	..	1	..
42	Substances used as food or ingredients in food	96	90	83
43	Fermented liquors and spirits	17	15	23
44	Mineral and aerated waters, natural and artificial, including ginger-beer	6	9	4
45	Tobacco, whether manufactured or unmanufactured	15	35	34
46	Seeds for agricultural or horticultural purposes	2	1	..
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	29	26	46
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	22	22	15
49	Games of all kinds, and sporting articles not included in other classes	1	1	..
50	Miscellaneous	8	8	16

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900.

[† Denotes a prior date under section 106 of "The Patents, Designs, and Trade-marks Act, 1889."]

Name, Residence, and Invention.	No.	Date.
Aalborg, C., and another, Wilkensburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 13100.)		
Abell, E. G., and others, Brisbane, Queensland. Acetylene-generator.	13119	31 Oct.
Adams, A., Blenheim, N.Z. Clothes-strainer.	12861	11 Aug.
Adams, W., Lawrence, N.Z. Gold-saving table.	13075	13 Oct.
Adams, W., Lawrence, N.Z. Amalgamating-machine.	13079	15 Oct.
Adlard, G. E., Invercargill, N.Z. Core-extractor for apples.	12569	25 April.
Airey, H., and others, Maitaura, N.Z. Envelope-opener.	12960	7 Sept.
Aitchison, S., Heriot, N.Z. Horse-shoe.	13065	12 Oct.
Aitken, A., and another, Kumara, N.Z. Sinking shafts.	13040	1 Oct.
Aitken, J., Geelong, Vic. Rotary pump.	13162	15 Nov.
Aitken, R. M., and another, Reefton, N.Z. Sinking shafts.	13040	1 Oct.
Allen, C. W., Philadelphia, U.S.A. Envelope.	13209	4 Dec.
Allen, F. B. C., Auckland, N.Z. Incinerator.	12629	16 May.
Allen, G., Masterton, N.Z. Branding sheep.	12442	6 March.
Allen, G., Masterton, N.Z. Securing shelves to walls.	12636	23 May.
Allen, T. W., Otapiri Gorge, N.Z. Tailer, castrator, and ear-marker for sheep.	12556	18 April.
Alley, H. J., Huirangi, N.Z. Seed sowing machine.	12386	13 Feb.
Allison, E., and another, Zeehan, Tasmania. Electro-magnetic separator.	12447	6 March.
Allison, S. P., Galveston, Texas, U.S.A. Separating fibres of plants.	12674	12 June.
American Cigar Machinery Company, Sharon, U.S.A. Cigar-machine. (O. Tyberg, R. L. Patterson, and G. Arents, jun.)	12763	5 July.
American Dunlop Tire Company. (See G. H. Scott, No. 12609.)		
Ampère Electro Chemical Company, Jersey, U.S.A. Production of camphor. (N. Thurlow) . .	13192	28 Nov.
Anders, G. L., Surrey, Eng. Adaptation of the telephone to electric-bell pushes.	12633	22 May.
Andersen, A. C., and another, Odense, Denmark. Producing constant pressure in pneumatic tires	13165	15 Nov.
Andersen, L. S., and another, Odense, Denmark. Producing constant pressure in pneumatic tires	13165	15 Nov.
Anderson, A., and others, Maitaura, N.Z. Gold-saving mat.	12582	3 May.
Anderson, J., Dunedin, N.Z. Cream-temperature controller.	12274	3 Jan.
Anderson, J., Dunedin, N.Z. Appliance for sprinkling butter with salt.	13214	1 Dec.
Anderson, W., Pyrmont, Sydney, N.S.W. Sheep-truck.	13120	31 Oct.
Andersson, S. P. A., Odeshog, Sweden. Churn.	12754	2 July.
Andrew, G., and another, Melbourne, Vic. Cash register and indicator.	13069	15 Oct.
Andrew, R., and another, Dunedin, N.Z. Dredging.	12580	3 May.
Andrews, O., Levin, N.Z. Horse-stopper.	13154	14 Nov.
Andrews, W., Wellington, N.Z. Bail-cock.	12757	3 July.
Andrews, W., and another, Christchurch, N.Z. Chaff-cutting machinery	12523	10 April.
Archer, W. G., sen., and others, Wallendbeen, N.S.W. Harvesting-machine.	13070	15 Oct.
Arents, G., jun., and others, New York, U.S.A. (See American Cigar Machinery Company, No. 12763.)		
Armstrong, J., London, Eng. Obtaining zinc from ores.	13019	27 Sept.
Arnaboldi, J., Auckland, N.Z. Hobbler.	12303	8 Jan.
Arnold, E., Wellington, N.Z. Wire-woven spring mattress.	13140	7 Nov.
Ashcroft, E. A., and another, London, Eng. Treatment of sulphide ores.	12282	†11 July, '99
Ashcroft, R. W., and another, Stratford, N.Z. Rim for milk-can lid.	13111	29 Oct.
Ashworth, T. R., and another, Melbourne, Vic. Cash register and indicator.	13069	15 Oct.
Atkin, E. R., Auckland, N.Z. Vehicle-seat.	12682	11 June.
Atkins, G. J., Middlesex, Eng. Manufacture of gas.	12804	21 July.
Aucher, A. C., Toowong, Queensland. Corkscrew.	13240	13 Dec.
Aucher, A. C., Toowong, Queensland. Vaporised-oil burner.	13241	13 Dec.
Aucher, A. E., Toowong, Queensland. Gas-igniter.	13242	13 Dec.
Aucher, A. C., Toowong, Queensland. Gas-engine igniter.	13243	13 Dec.
Aucher, A. C., Toowong, Queensland. Gas-lighting.	13244	13 Dec.
Audiger, E., and another, Paris, France. (See Electric Lighting Boards, Limited, No. 13050.)		
August, H., Invercargill, N.Z. Packing cans to render them air-tight.	12605	10 May.
Awdry, T., London, Eng. Label-holder.	13278	28 Dec.
Ayson, A. R., Wyndham, N.Z. Gold-saving.	12440	27 Feb.
Bagby, W., Kohimarama, N.Z. Horse-cover.	12297	8 Jan.
Baillie, D., Pahiatua, N.Z. Candlestick.	13036	4 Oct.
Baird, A. R., and another, Melbourne, Vic. Aerial machine.	13210	4 Dec.
Baker, J., and another, Stratford, N.Z. Motorpictoscope.	12920	21 Sept.
Baker, J., and another, Stratford, N.Z. Generation of acetylene gas.	13187	23 Nov.
Baldwin, E. S., Wellington, N.Z. Gold-saving screen.	13068	15 Oct.
Baldwin, T. M., and another, Dunedin, N.Z. Gold-saving apparatus.	13005	22 Sept.
Barnes, J. C., Brisbane, Queensland. (See A. D. Graham, No. 12466.)		
Barry, J. H. L., Maitaura, N.Z. Wire-strainer.	13207	3 Dec.
Basstian, E., Invercargill, N.Z. Emptying washing-tubs, &c.	12508	6 April.
Baxter, W. H., Leeds, Eng. Machinery connections.	12950	4 Sept.
Beal, C. A., and another, North-east Valley, Dunedin. Refuse-bin.	12749	8 June.
Beaton, A., Barrington, N.S.W. Corn-husking machine.	12544	20 April.
Beavan, T. N., Poole, Eng. Treating ores. (E. Petersson)	12723	22 June.
Beaven, A. W., and another, Christchurch, N.Z. Chaff-cutting machinery	12523	10 April.
Beaumont, H. H., and others, Milwaukee, U.S.A. (See W. E. Hughes, No. 12996.)		
Bechi, De. (See under D.)		
Bedell, H. G., Wellington, N.Z. Spouting-bracket.	13027	29 Sept.
Bedell, H. G., and another, Wellington, N.Z. Lead-heading nails.	12811	25 July.
Bedell, H. G., and another, Wellington, N.Z. Water-closet siphon.	13015	27 Sept.
Beebe, M. C., and others, Pittsburg, U.S.A. Nernst lamp.	12911	23 Aug.
Beeman, J. S., London, Eng. Automatic feed apparatus.	13256	14 Dec.
Beeman, J. S., London, Eng. Applying tips to cigarettes.	13276	28 Dec.
Belanger, V., Marshfield, U.S.A. Spinning-machine.	12277	4 Jan.
Belfield, R., and others, Westminster, Eng. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12884.)		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
Belk, J. A. Feilding, N.Z. Driving mechanism for steamship	12281	4 Jan.
Bell, G. W., and another, Sydney, N.S.W. Computing-machine	12871	14 July.
Bell, P. W., and another, Piaka, N.Z. Flax-scraper	12852	8 Aug.
Bell, T., Ellerslie, N.Z. Packing starch	12895	28 Aug.
Bellingham, S. R., and others, Glen Hill, N.S.W. Receptacle for discrete materials	13141	7 Nov.
Bellingham, S. R., Glenhill, N.S.W. (See W. R. Fry, No. 12934.)		
Benedict, C. L., Ontario, Canada. Book or tablet	12391	16 Feb.
Bennett, A. H., and another, Richmond, Vic. System of gas-lighting	13239	13 Dec.
Bennett, E., and others, Pittsburg, U.S.A. Nernst lamp	12911	23 Aug.
Bennett, J. F., Sheffield, Eng. Motor	12712	22 June.
Bentley, B. J. F., Surrey, Eng. Cleaning, drying, and polishing forks, &c.	12568	11 April.
Besley, W., Nelson, N.Z. Horse-cover	12536	18 April.
Bice, W. P., and another, Melbourne, Vic. Fastening for leggings. (W. Taylor.)	12913	23 Aug.
Bickerton, H. N., and another, Ashton-under-Lyne, Eng. Oil- or gas-engine	12293	10 Jan.
Bickerton, R. T., and another, New Brighton, N.Z. Means for signalling at night.	12514	6 April.
Bidstrup, N., and others, Broadford, Vic. Boot-sole	12944	3 Sept.
Blackwell, A. G., Wynyard, Tasmania. Car-coupling	12462	16 March.
Blackwell, E. O., Wynyard, Tasmania. Curative and fertilising compound	12333	23 Jan.
Blackwell, E. O., Wynyard, Tasmania. Door-stop	12451	10 March.
Bloomfield, H., Orepuki, N.Z. Tire for wagons, &c.	12372	15 Aug.
Blythe, W. R., Napier, N.Z. Shirt	13028	28 Sept.
Boager, J. J., Pahiatua, N.Z. Window-fastener	13072	15 Oct.
Bole, W. A., Pittsburg, U.S.A. (See J. P. Campbell, No. 13255.)		
Bole, W. A., and another, Pittsburg, U.S.A. (See W. E. Hughes, No. 13257.)		
Boarbaud, J. L. E., Stawell, Vic. Tobacco-cutter	12548	20 April.
Bowman, J., Petersburg, S.A. Railway-brake	13122	31 Oct.
Bowman, T., Liverpool, Eng. (See C. Lawson, No. 12867)		
Boyce, E., and others, Auckland, N.Z. Gas-generator	13153	8 Nov.
Boyd, T., Christchurch, N.Z. Securing cycle handle-bars	13004	22 Sept.
Boyens, W. H., Kaikoura, N.Z. Candle-holder	12285	8 Jan.
Boyens, W. H., Kaikoura, N.Z. Branding carcasses	12579	5 May.
Boyens, W. H., Kaikoura, N.Z. Fountain pen	12612	14 May.
Boyens, W. H., and another, Kaikoura, N.Z. Branding-mixture	12286	8 Jan.
Boyens, W. H., and another, Kaikoura, N.Z. Branding wool-bales	12287	8 Jan.
Boyens, W. H., and another, Kaikoura, N.Z. Marking sheep	12611	14 May.
Boyer, J., St. Louis, U.S.A. (See New Taite Howard Pneumatic Tool Company, Limited, No. 12722.)		
Boyle, Sophia, Sockburn, N.Z. Clothes-wringer	12294	8 Jan.
Braby, H., Ayr, Queensland. Steam-generator	12324	18 Jan.
Braby, H., and another, Ayr, Queensland. Fire-lighter	13174	17 Nov.
Bradley, C. S., and another, New York, U.S.A. Manufacture of nitrogen compounds	12526	12 April.
Bradley, H. W., and another, Ashton-under-Lyne, Eng. Oil- or gas-engine	12293	10 Jan.
Bradley, W., Ascot Vale, S.A. Acetylene-generator	13123	31 Oct.
Bragge, J., Camberwell, Vic. Carriage truck for railways	12949	4 Sept.
Branson, C. B. M., Dunedin, N.Z. Saddle-cover	12676	12 June.
Braun, F. W., Los Angeles, U.S.A. Burner. (H. B. Cary)	12614	14 May.
Braun, F. W., Los Angeles, U.S.A. Cupel compressing-machine. (A. C. Calkins).. ..	12356	1 Feb.
Brebner, A., London, Eng. Group-flashing apparatus for lighthouse	12936	31 Aug.
Brenkley, H., Frasertown, N.Z. Dressing flax	12378	18 Dec. '99.
Brigham, D. Auckland, N.Z. Horse-collar rolls	12932	28 Aug.
Brigham, F. G., New York, U.S.A. Spading harrow	12803	20 July.
Bright, F. W., Kansas, U.S.A. Cooling and rinsing cans	13094	26 Oct.
Bristow, C., Marton, N.Z. Seed-feeding device	12309	16 Jan.
Bristow, C., Palmerston North, N.Z. Preserving-can	12566	26 April.
Bristow, C., Christchurch, N.Z. Envelope-opener	12639	23 May.
Bristow, C., Palmerston North, N.Z. Seed-sowing apparatus	12703	18 June.
Bristow, C., Grovely, Marton, N.Z. Seed feeding device	12309	16 Jan.
Bristow, C., Palmerston North, N.Z. Pneumatic expander	13271	27 Dec.
Bristow, C., Christchurch, N.Z. (See New Zealand Loan and Mercantile Agency Company, Limited, No. 13051.)		
British Motor Traction Company (Limited), London, Eng. Motor vehicle. (C. Jarrott)	13245	13 Dec.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Electric motor. (B. G. Lamme)	12444	7 Mar.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Dynamo electric machine. (B. G. Lamme)	12448	9 Mar.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Controller for electric motor. (T. S. Perkins)	12557	24 April.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Lightning-arrester. (A. J. Wurts)	12560	24 April.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Dynamo electric machine. (B. G. Lamme)	12599	12 May.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Internal-combustion engine. (E. Ruud)	12744	29 June.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Electric railway. (R. C. Parsons, R. Belfield, and W. Chapman)	12884	17 Aug.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Electric generator. (N. W. Storer)	12902	22 Aug.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Electrical distribution. (C. I. Young)	12903	22 Aug.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Indicating speed of electric generator. (R. D. Mershon)	12926	29 Aug.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Alternating-current induction motor. (B. G. Lamme)	12969	12 Sept.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. System of electrical distribution. (B. G. Lamme)	12977	14 Sept.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Electrical distribution. (C. I. Young)	13018	27 Sept.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Generating electro-motive force. (J. E. Miller)	13021	28 Sept.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Insulating support for electric conductor. (G. Wright and C. Aalborg)	13100	26 Oct.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Protecting electric apparatus from abrupt changes in static potential. (P. H. Thomas)	13101	26 Oct.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Induction motor. (B. G. Lamme)	13102	26 Oct.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Electrical distribution. (N. W. Storer)	13103	26 Oct.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Protecting electrical apparatus from abrupt changes in static potential. (P. H. Thomas)	13112	29 Oct.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Coil for electrical machine. (J. P. Mallett)	13168	16 Nov.
British Westinghouse Electric and Manufacturing Company (Limited), London, Eng. Electrical distribution. (H. R. Kent)	13189	23 Nov.
Broad, F., Christchurch, N.Z. Cloth-damping apparatus and composition for press-copying ..	12979	13 Sept.
Broad, F., Christchurch, N.Z. Gas-heated iron	12982	13 Sept.
Bromiley, W., Dunedin, N.Z. Insect-killing composition	12891	17 Aug.
Bromiley, W., Dunedin, N.Z. Vessel for containing material for killing moths	12892	17 Aug.
Brown, H., and another, Wairoa, N.Z. Railway-coupling	13057	12 Oct.
Brown, J., Earlston, Violet Town, Vic. Wire-strainer	12968	12 Sept.
Brown, R., Lyttelton, N.Z. Socket for earthenware drain-pipes	12571	28 April.
Brown, R., Sydney, N.S.W. Wire-strainer	12369	8 Feb.
Brown, R. W., Auckland, N.Z. Attachment to bicycle	12990	14 Sept.
Brown, S. G., Bournemouth, Eng. Telegraphic apparatus	12562	24 April.
Browne, F., and another, Mataura, N.Z. Gold-saving screen	12475	16 March.
Brownless, G., Naracoorte, S.A. Gate-fittings	12970	12 Sept.
Brownley, A. H., Onehunga, N.Z. Securing serviettes	12481	6 April.
Bruhn, W., Berlin, Germany. Fare-indicating device	12463	16 March.
Brul, Du. (See under D.)		
Bryant, F. W., Wellington, N.Z. Apparatus for prospecting gold	13078	18 Oct.
Bryant, F. W., Wellington, N.Z. Pump or dredge	12553	20 April.
Bryant, T. E., Kinloch, N.Z. Harness fastening	13201	28 Nov.
Bryant, T. M., Whangarei, N.Z. Easy chair	12706	29 June.
Buchanan, J. Y., Edinburgh, Scotland. Electric cable	12720	22 June.
Buck, H. A., London, Eng. Generating steam in steam-engines	12445	7 March.
Buck, H. A., London, Eng. Rotary engine	12468	19 March.
Buddle, J. W., Invercargill, N.Z. Brick	12583	4 May.
Burns, J., Melbourne, Vic. Pump	13088	23 Oct.
Burrell, T., Melbourne, Vic. Cycle-tire	12415	22 Feb.
Burrell, T., Melbourne, Vic. Handcuff	12742	29 June.
Burrell, W., and another, Melbourne, Vic. Rabbit-orate	12334	23 Jan.
Burridge, C., and another, Wairoa, N.Z. Railway-coupling	13057	12 Oct.
Butt, G. W., and another, Littlehampton, Eng. Carving-machine	12577	4 May.
Buttolph, J. G. H., Ryal Bush, N.Z. Wire-strainer	13177	19 Nov.
Byron, A. H., and another, Melbourne, Vic. Aerial machine	13210	4 Dec.
Cesar, P. J., and another, St. Louis, U.S.A. (See G. G. Turri, No. 12780.)		
Cairney, W. D., and another, Glasgow, Scotland. Explosives	12388	16 Feb.
Caithness, D., Mataura, N.Z. Breaking up and removing clay from shoots of dredges	12666	1 June.
Caldwell, R., Auckland N.Z. Milking instrument	12596	9 May.
Calkins, A. C., Los Angeles, U.S.A. (See F. W. Braun, No. 12356.)		
Callahan, J., and others, Milwaukee, U.S.A. (See W. E. Hughes, No. 12996.)		
Cameron, A., Invercargill, N.Z. Gold-dredging table	12353	29 Jan.
Cameron, D., Greytown, N.Z. Rifle	12808	24 July.
Cameron, D., and others, Exeter, Eng. (See W. Parker, Nos. 12624, 12625, and 12626.)		
Cameron, E. A., Queenstown, N.Z. Spark-arrester and fuel-economiser	12422	23 Feb.
Cameron, E. A., Queenstown, N.Z. Spark-arrester	13178	19 Nov.
Cameron, J. B., and another, Ballarat, Vic. Safety-device for mining-cage. (H. Turner)	12840	2 Aug.
Campbell, A., Chicago, U.S.A. Refrigerating-apparatus	13093	26 Oct.
Campbell, H., Dannevirke, N.Z. Straining wire round cheese-cases	12423	27 Feb.
Campbell, J. P., Wellington, N.Z. Igniting-apparatus. (W. A. Bole)	13255	14 Dec.
Campbell, J. P., Wellington, N.Z. Current-collector for electrical machine. (B. G. Lamme) ..	12397	16 Feb.
Carder, G., and others, Auckland, N.Z. Sink and drain	12774	11 July.
Carder, W., and others, Auckland, N.Z. Sink and drain	12774	11 July.
Carpentier, L. L., Paris, France. Preserving alimentary products	12476	19 March.
Carrington, G., Tomoana, H.B., N.Z. Wall-bracket	13280	28 Dec.
Carter, A., Oropi, Tauranga, N.Z. Splitting timber	12622	17 May.
Carter, E., Woolston, N.Z. Street fire-alarm box	13083	22 Oct.
Cary, H. B., Los Angeles, U.S.A. (See F. W. Braun, No. 12614.)		
Casgrain, L. A., Winchester, U.S.A. (See United Shoe Machinery Company, No. 12337)		
Caspers, H., Albury, N.S.W. Vehicle-wheel	13183	23 Nov.
Cassel, E. F., Seattle, Washington, U.S.A. Hydraulic motor	12602	12 May.
Chamberlain, W. E., Feilding, N.Z. Seed-sower	13129	2 Nov.
Chambers, R., New Plymouth, N.Z. Friction hoist	12635	22 May.
Chapman, A. H., Kurow, N.Z. Treating frozen meat	12545	20 April.
Chapman, W., Pittsburg, U.S.A. Electric railway	12492	30 March.
Chapman, W., and others, Westminster, Eng. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12384.)		
Chatfield, R. P., Auckland, N.Z. Spur-attachment	13006	22 Sept.
Cheal, P. E., Auckland, N.Z. Oaster	12593	8 May.
Chipman, H. S., Sydney, N.S.W. Oil-lamp burner	12752	2 July.
Christchurch Press Company (Limited) and another, Christchurch, N.Z. Production of overlays in illustration-printing	12821	28 July.
Christensen, H. V. Copenhagen, Denmark. (See C. Dahl, No. 12873.)		
Christy, S. B., Berkeley, U.S.A. (See F. A. Rich, No. 12535.)		
Church, A., Auckland, N.Z. Fire-arm sight	12989	14 Sept.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
Church, A., Auckland, N.Z. Rifle-sight	12919	24 Aug.
Clamond, C., Paris, France. Gas-stove	12834	2 Aug.
Clancy, J. C., and another, Sydney, N.S.W. Elimination of zinc from ores, and recovery of gold, &c., therefrom	13196	28 Nov.
Clapcott, B., Auckland, N.Z. Knife-holder	12938	29 Aug.
Clark, A. G., Cincinnati, U.S.A. Treating zinc-bearing ores. (B. Sadtler)	12425	1 March.
Clark, A. G., Cincinnati, U.S.A. Retort. (B. Sadtler)	12426	1 March.
Clark, A. G., Cincinnati, U.S.A. Manufacturing retorts. (B. Sadtler)	12427	1 March.
Clark, A. J., and others, Denver, U.S.A. Rock-drilling machine	12387	16 Feb.
Clark, E., Abbotsford, Vic. Horse-collar	12828	2 Aug.
Clark, R. O., jun., Hobsonville, Auckland, N.Z. Foundation-pile for buildings	12336	24 Jan.
Clarke, J., Orangeville, Canada. Preservation and purification	13172	13 Nov.
Clarke, T. P., Waihi, Auckland, N.Z. Crushing-die and mortar-box	12638	14 June.
Claude, F. R., Papatoitoi, N.Z. Knife-shield	12732	21 June.
Claydon, G., Rakaia, N.Z. Whipple-tree	12454	9 Marc
Claydon, G., Rakaia, N.Z. Tea-infusing appliance	12455	9 Marc
Claydon, G., Christchurch, N.Z. Applying forced draught to furnaces	12751	29 June
Cleene, De. (See under D.)		
Clokey, W. J., and others, Toronto, Canada. (See Massey-Harris Company, Limited, No. 12436.)		
Coates, J., Ottawa, Canada. Measuring and mixing gas and air. (G. R. Cottrell)	12401	20 Feb.
Coates, W., and others, Queensport, Queensland. Preserving meat	12417	22 Feb.
Coe, J. A., Brisbane, Queensland. Extracting gold and silver	12546	20 April.
Coleman, S. E. G., Auckland, N.Z. Combined knife, fork, and spoon	12588	8 May.
Coles, G. A., Auckland, N.Z. Military boot	12702	16 June.
Collett, A. W., and another, Dannevirke, N.Z. Stump-jack	12858	10 Aug.
Colley, H., and others, Kiama, N.S.W. Nightsoil-cart	13250	11 Dec.
Collins, E. E., Matura, N.Z. Clearing sluice-boxes	12677	8 June.
Collis, J. J., Te Aroha, N.Z. Step-ladder	13179	19 Nov.
Colville, J. A., Masterton, N.Z. Gate- or door-fastener	13003	22 Sept.
Combret, R., Paris, France. (See E. Waters, jun., No. 12680.)		
Commin, F. J., and others, Exeter, Eng. (See W. Parker, Nos. 12624, 12625, and 12626.)		
Conrad, F., and another, Wilkinsburg, U.S.A. (See J. P. Campbell, No. 11829.)		
Constable, C. W., and another, Queenstown, N.Z. Spark-extinguisher	12859	7 Aug.
Cook, J. W., Christchurch, N.Z. Fastening for hamper	12937	29 Aug.
Cooke, J. H., and another, Bairnsdale, Vic. Tire	13121	31 Oct.
Cooper, E. K., Thames, N.Z. Ore-crusher	12963	8 Sept.
Cooze, C. J., Carterton, N.Z. Generating acetylene-gas	12377	12 Feb.
Cooze, C. J., Carterton, N.Z. Clothes-washing appliance	13082	19 Oct.
Cooze, C. J., and another, Carterton, N.Z. Non-refillable bottle	12650	29 May.
Corbett, F. J., South Yarra, Vic. Manufacturing lead carbonate	12613	14 May.
Corbett, F. J., South Yarra, Vic. Manufacturing lead carbonate	12864	13 Aug.
Corbett, J., Orepuki, N.Z. Prospecting-machine	12827	28 July.
Corbett, J., Orepuki, N.Z. Ditcher	13269	21 Dec.
Corbett, J., and another, Orepuki, N.Z. Gold-saving	13126	29 Oct.
Corby, C. L., and others, Washington, U.S.A. Making dough for bread	12335	23 Jan.
Corby, W. S., and others, Washington, U.S.A. Making dough for bread	12335	23 Jan.
Corrick, J. F., Havelock, N.Z. Conveyor or elevator	13234	10 Dec.
Corson, W. L., San Francisco, U.S.A. Exhaust mechanism for explosive engine	13142	7 Nov.
Cotton, A. H., Waipu, N.Z. Mechanical toy	12516	5 April.
Cottrell, G. R., New York, U.S.A. (See J. Coates, No. 12401.)		
Coulson, W., Tokatea, Coromandel, N.Z. Retort	13223	4 Dec.
Coulthard, T. W., Mangapai, N.Z. Spring chair	12432	28 Feb.
Coupal, P. A., and another, Boston, U.S.A. (See United Shoe Machinery Company, No. 12372.)		
Courcy, De. (See under D.)		
Couston, J., and another, Perth, W.A. Pipe-joint-caulking machine	12603	12 May.
Coutts, C., and another, Ayr, Queensland. Fire-lighter	13174	17 Nov.
Craig, H., and others, San Francisco, U.S.A. Manufacture of brooms from New Zealand flax	13030	27 Sept.
Crane, J., and others, Hobart, Tasmania. Removing barnacles from hulls of vessels	13249	13 Dec.
Crawford, R. and another, Belfast, Ireland. Flax scutching and cleaning machinery	12339	25 Jan.
Cruikshank, C. M., Kelso, N.Z. Cock for water-tank	13191	28 Nov.
Crump, T. B., and another, Masterton, N.Z. Bridle-bit	12809	24 July.
Cuff, W. H., Braintree, Massachusetts, U.S.A. (See McKay Shoe Machinery Company, No. 12162.)		
Cullimore, F. W., Wellington, N.Z. Flat-iron for billiard-table	12765	6 July.
Cuming, A. J., Christchurch, N.Z. Branding animals	12362	16 Feb.
Cummings, A. L., Auckland, N.Z. Furniture-caster	12433	28 Feb.
Cummings, A. L., Auckland, N.Z. Caster	12637	16 June.
Cusdin, T., and another, Armadale, Vic. Horse-shoe	12796	16 July.
Cutler, T. E., and another, Addington, Canterbury, N.Z. Candle shade and reflector	12769	7 July.
Cutten, F. A., Dunedin, N.Z. Saving gold	12795	13 July.
Cyclone Woven-wire Fence Company, The, Michigan, U.S.A. (See S. W. Shaw, No. 12405.)		
Dahl, C., Palmerston North, N.Z. Horse-cover	12500	3 April.
Dahl, C., Palmerston North, N.Z. Milk-strainer. (H. V. Christensen)	12873	16 Aug.
Daily, J. J., Christchurch, N.Z. Boot or shoe	13230	20 Dec.
Dall, W., Dunedin, N.Z. Brand for meat	12658	29 May.
Dall, W., Dunedin, N.Z. Hair-pin	12361	31 Jan.
Dall, W., Dunedin, N.Z. Candle-holder	12846	1 Aug.
Dally, C. Y., Apiti, N.Z. Oil-cap for axles of vehicles	12661	2 June.
Dally, C. Y., Apiti, N.Z. Combination saw and bench	12850	27 Aug.
Dalton, H., Christchurch, N.Z. Rolling metal tubes	12331	20 Jan.
Dalton, W. J., Auckland, N.Z. Combined stopper and tap	13000	17 Sept.
Dalziel, R., Tuapeka West, N.Z. Hoe	13236	11 Dec.
Daniels, J., Sydney, N.S.W. Advertising-apparatus. (A. Manners)	13222	3 Dec.
Danks, T., Christchurch, N.Z. High-pressure boiler	12330	19 Jan.
Dannhardt, F. H., and another, Richmond, Vic. Earth- or rock-drill	12464	16 March.
Darling, J., Rutherglen, Scotland. Railway, &c., windows	13064	13 March.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Darling, J., and another, London, Eng. (See Darling's Patent Automatic Coupling, Limited, No. 12389)		
Darling, J., jun., and another, Rutherglen, Scotland. (See Darling's Patent Automatic Coupling, Limited, No. 12389)		
Darling's Patent Automatic Coupling (Limited), Glasgow, Scotland. Railway-coupling. (J. Darling and J. Darling, jun.)	12389	16 Feb.
Dashwood, J., Christchurch, N.Z. Bot-fly destroyer	13206	1 Dec.
Davies, M., Coromandel, N.Z. Cutting wool or hair	12879	7 Sept.
Davies, M., Auckland, N.Z. Reducing temperature of buildings	13200	28 Nov.
Davis, I., Brookley, Kent, Eng. Heating and purifying feed-water	12900	22 Aug.
Davy, W. J., and another, East Finchley, Middlesex, Eng. Electric arc lamp	12373	8 Feb.
Dawson, J., and another, Carterton, N.Z. Wiring or hooping cases	12586	7 May.
Day, J., Coleraine, Vic. Goods-elevator	12967	12 Sept.
De Bechi, G., London, Eng. (See General Metal Reduction Company, Limited, Nos. 12830 and 12831)		
De Cleene, L. S., Palmerston North, N.Z. Flooring-crank	12918	27 Aug.
De Courcy, E. J., and another, Belfast, Ireland. Flax scutching and cleaning machinery	12339	25 Jan.
Deegan, J. W., Winton, N.Z. Scoop	13014	26 Sept.
De Montemas, H. M., and another, Sydney, N.S.W. Crematory for destroying refuse	12669	6 June.
Dempster, J., Ashburton, N.Z. Acetylene-generator	12904	21 Aug.
De Sarigny, C., and another, Pietermaritzburg, Natal. (See H. J. Finn, No. 13225)		
Dessau, M., Copenhagen, Denmark. Centrifugal machine liner	13049	8 Oct.
Devoy, H., Lyttelton, N.Z. Boot-protector	13085	19 Oct.
Dewhurst, J. A., Herbertville, N.Z. Branding-instrument	12411	21 Feb.
Dineen, T. B., Auckland, N.Z. Rotary engine	12618	11 May.
Dineen, T. B., Auckland, N.Z. Fuel-economiser	12841	30 July.
Diplock, B. J., Middlesex, Eng. Traction-engine	12881	17 Aug.
Dixon, C., Masterton, N.Z. Grip for securing clothes to line	12685	15 June.
Dixon, G., Masterton, N.Z. Gripper for wire-strainer	12457	14 March.
Dodd, W. G., San Francisco, U.S.A. Concentrating-table	13115	26 Oct.
Dodgson, F. L., Cohoes, U.S.A. (See E. Waters, jun., No. 13182.)		
Donald, D., Masterton, N.Z. Eccentric journal lever	12367	7 Feb.
Donisthorpe, A. R., Leicester, Eng. Saddle-pad	13259	20 Dec.
Donkin, H., Wellington, N.Z. Safety pocket	13233	10 Dec.
Donkin, H., Wellington, N.Z. Pocket for wearing-apparel	12694	19 June.
Dornbusch, A., Whangamomona, N.Z. Coupling	12814	18 Aug.
Douglas, J. D., Dunedin, N.Z. Gold-saving screen	12368	6 Feb.
Dresser, S. R., Bradford, U.S.A. Pipe-coupling	12563	24 April.
Drew, H. G., and another, Wanganui, N.Z. V-slide for back-sights of military rifles	13203	1 Dec.
Droulege, H., Auckland, N.Z. Ballot-box	13002	18 Sept.
Droulege, H., Auckland, N.Z. Electoral registering machine	12941	30 Aug.
Du Brul, N., Cincinnati, U.S.A. Cigarette-machine	12590	10 May.
Dudson, W. S., Carterton, N.Z. Wool-press	12870	14 Aug.
Dudson, W. S., Carterton, N.Z. Wool-press	12986	14 Sept.
Duncan, P. and D. (Limited), Christchurch, N.Z. Street-watering cart. (J. Keir)	12972	11 Sept.
Dunn, J., Otamita, N.Z. Root-cutter	13043	7 Oct.
Dunn, W., and another, Auckland, N.Z. Fumigating buildings, &c.	12598	10 May.
Dunstan, W. S., Castlemaine, Vic. Electric alarm	12315	18 Jan.
Durand, H. S., Rochester, U.S.A. Stuffing-box	12735	26 June.
Durand, H. S., and another, Rochester, U.S.A. Stuffing-box	12734	26 June.
Dyson, H. J., and others, Hobart, Tasmania. Removing barnacles, &c., from hulls of vessels	13249	13 Dec.
Ealam, W. J., and another, Cheviot, N.Z. Ploughshare	13029	1 Oct.
Earle, Eliza E., Wanganui, N.Z. Butter-cooler	12341	23 Jan.
East, J., Gisborne, N.Z. Flax-scutching bar	12662	31 May.
Edwards, D., Melbourne, Vic. Target	12842	3 Aug.
Electric Lighting Boards (Limited), London, Eng. Contact appliance for electric glow-lamp. (E. Greil and E. Audiger)	13050	8 Oct.
Electric Lighting Boards (Limited), London, Eng. Conductor and contact for electric glow-lamp. (J. A. Halford)	13061	12 Oct.
Ellerm, F. S., Feilding, N.Z. Wire-netting fence	12885	17 Aug.
Ellershausen, F., London, Eng. (See Sulphides Reduction (New Process), Limited, No. 12467.)		
Elliott, A., and another, Hawera, N.Z. Cash-book	12343	23 July, '98
Elliott, J. P., and another, Masterton, N.Z. Envelope	13055	11 Oct.
Ellis, J. A., Surrey Hills, Vic. Milk-aerator	12798	20 July.
Ellis, P., Wellington, N.Z. Bearing and shaft for dredge-tumbler	12851	8 Aug.
Ellis, P., and another, Wellington, N.Z. Valve	12307	15 Jan.
Ellis, W. A., Stratford, N.Z. Branding-fluid	12621	16 May.
Ellison, T. R., Wellington, N.Z. Cycle	12472	20 March.
Elmore, F. E., Leeds, Eng. Treating ores	12452	10 March.
Enrico, G., Turin, Italy. (See A. Griffith, No. 12574.)		
Ernsberger, A. M., and another, New York, U.S.A. Amalgamating-machine	12665	6 June.
Eustace, J., and another, Dunedin, N.Z. Refuse-bin	12749	28 June.
Evans, J. E., Wellington, N.Z. Legging	12773	10 July.
Evans, W. H., Christchurch, N.Z. Bicycle-support	12522	10 April.
Ewing, J. J., and another, Wellington, N.Z. Window-sash fastener	12924	29 Aug.
Ey, G., Paddington, N.S.W. (See Victor Motor Company, Limited, No. 12914.)		
Eyres, W. H., Sydney, N.S.W. Shearing or clipping wool or hair	13198	23 Nov.
Fagan, Lucy, Mangapai, N.Z. Hair-curler	12511	7 April.
Fairball, S. L., Hawera, N.Z. Horse-collar	12273	3 Jan.
Fairhead, W., Palmerston North, N.Z. Hanging sashes	12458	14 March.
Falconer, J. M., Endsleigh, N.Z. Wire-strainer and cutter	13125	30 Oct.
Faulkner, J. W., Dunedin, N.Z. Gold-saving screen	12961	6 Sept.
Fell, D., and others, Sydney, N.S.W. Receptacle for discrete materials	13141	7 Nov.
Ferguson, C. D., and others, Brisbane, Queensland. Acetylene-generator	13119	31 Oct.
Ferguson, J., Auckland, N.Z. Washing-fluid	12786	11 July.
Finch, C. E., and another, Paeroa, N.Z. Scoop for cleaning cess-pits	12503	4 April.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Finch, T., and another, Paeroa, N.Z. Scoop for cleaning cess-pits	12503	4 April.
Finlayson, J., and another, Perth, W.A. Pipe-joint-caulking machine	12603	12 May.
Finlayson, J. H., Christchurch, N.Z. Producing photographic enlargements	12379	13 Feb.
Finn, H. J., Gisborne, N.Z. Concentrator. (C. de Sarigny and A. J. Onus)	13225	7 Dec.
Firth, E. T., and another, Auckland, N.Z. Pumice insulator	13086	20 Oct.
Firth, T., Wellington, N.Z. Brake-strap	12354	1 Feb.
Firth, W. T., and another, Auckland, N.Z. Pumice insulator	13086	20 Oct.
Fischer, H., Adelaide, S.A. Brake-block	12708	22 June.
Fisher, A. H., Melbourne, Vic. Window	12616	14 May.
Forbes, J., Opotiki, N.Z. Ship's davit	13170	15 Nov.
Ford, A. S., Auckland, N.Z. Ships' davits	13133	20 Nov.
Ford, A. S., and another, Auckland, N.Z. Collar-stud grip	13226	28 Dec.
Ford, G. S. C., Wellington, N.Z. Glazing shirt-fronts, &c.	12946	3 Sept.
Forsyth, J., Dunedin, N.Z. Treating flax	12689	15 June.
Foster, G., Heriot, N.Z. Gold-saving mat	12985	14 Sept.
Foster, J., Oamaru, N.Z. Boot- and knife-cleaner	12509	5 April.
Fowler, J. W., Whangarei Heads, N.Z. Cleaning ships' bottoms	12813	25 July.
Fowler, T. C., and another, Canterbury, Vic. Railway signalling	12868	13 Aug.
Fox, E., jun., Adelaide, S.A. Igniting fuse	12347	31 Jan.
Francis, J. A., Norwood, S.A. Insect-trap	13033	3 Oct.
Frankel, M., and another, Sydney, N.S.W. Crematory for destroying refuse	12669	6 June.
Franklin, R., Essex, Eng. Ventilation of ships	12541	20 April.
Franklin, W., and others, Auckland, N.Z. Gas-generator	13153	8 Nov.
Fraser and Chalmers (Limited), London, Eng. Pump. (J. Stumpf)	12760	5 July.
Fraser, G., and another, Auckland, N.Z. Revolving vacuum filter for treating slimes, &c.	13224	4 Dec.
Fraser, S. E., and another, Waikino, N.Z. Revolving vacuum filter for treating slimes, &c.	13224	4 Dec.
French, A. G., and others, Thames, N.Z. Cleaning kauri-gum	13146	8 Nov.
Friend, J. E., and another, Wellington, N.Z. Governor	12344	30 Jan.
Friend, J. E., and another, Wellington, N.Z. Cycle-propelling mechanism	12664	6 June.
Fry, H. A., Riwaka, N.Z. Machine for rolling fleeces	12519	10 April.
Fry, W. R., Ashfield, N.S.W. Receptacle for containing tea. (S. R. Bellingham)	12934	31 Aug.
Fryer, P. W., Prebbleton, N.Z. Counter shaft regulator	12608	12 May.
Fullagar, H. F., and others, Newcastle-on-Tyne, Eng. Ring of blades for steam-turbine	12495	31 March.
Gage, E. C., and another, Wanganui, N.Z. V-slide for back-sights of military rifles	13203	1 Dec.
Gale, F., and another, Lancefield, Vic. Attachment to plough	13156	15 Nov.
Galloway, W. B., Palmerston, Otago, N.Z. Standard for carrying rails upon which to hang rabbits	12531	10 April.
Gamman, G. A., Dannevirke, N.Z. Cutter and cutter-head for wood-planing machine	12346	31 Jan.
Garard, G. E., Oamaru, N.Z. Tire	13007	21 Sept.
Gardner, O., and another, Piaka, N.Z. Flax-scraper	12852	8 Aug.
Gardner, W., and another, Gloucester, Eng. Scalper, grader, and dresser for flour-mill	12493	30 March.
Gare, T., New Brighton, Eng. Elastic tire	13262	20 Dec.
Garnham, R., Wellington, N.Z. Valve for water-cistern	12755	3 July.
Gascoyne, F. J. W., and another, Hastings, N.Z. Separating gold	13134	2 Nov.
Gates, E., Chevy Chase, U.S.A. Separating materials	13277	28 Dec.
Gates, E., Chevy Chase, U.S.A. Separating granular substances	12897	22 Aug.
Gates, E., Chevy Chase, U.S.A. Separating granular substances	12898	22 Aug.
Gates, E., Chevy Chase, U.S.A. Separating granular substances	12900	22 Aug.
Gaut, J., Leichhardt, Sydney, N.S.W. Photographic camera	12520	11 April.
Gaut, J., Leichhardt, Sydney, N.S.W. Camera	13158	15 Nov.
Gaut, J., Leichhardt, Sydney, N.S.W. Camera	12355	1 Feb.
Gaut, J., and another, Leichhardt, Sydney, N.S.W. Camera	12561	24 April.
Gay, J. H., Oamaru, N.Z. Stone-sawing machine	13108	22 Oct.
Gee, W. C., Christchurch, N.Z. Check action for Venetian blind	12513	6 April.
Gell, J., Wakapuaka, N.Z. Tin	12537	18 April.
General Metal Reduction Company (Limited). Treating ores. (G. de Bechi)	12830	2 Aug.
General Metal Reduction Company (Limited). Production of zinc oxide. (G. de Bechi)	12831	2 Aug.
Germot, A., Paris, France. Treating lead-ores	12761	5 July.
Germot, A., Paris, France. (See E. Waters, jun., No. 12789.)		
Gibbon, E. A., Blenheim, N.Z. Hackling tow from flax-mill	12428	2 March.
Gibbs, R. W., and another, Nelson, N.Z. Bicycle-tire	13147	8 Nov.
Gibson, J. J., Oamaru, N.Z. Cycle-gear	13025	25 Sept.
Girdler, E., Green Hills, Southland, N.Z. Jaws for stone-crusher	12527	9 April.
Girdler, G. T., Auckland, N.Z. Generating electricity	12917	21 Aug.
Girdler, G. T., Auckland, N.Z. Generating electricity	12875	13 Aug.
Gitsham, J., and another, Richmond, Vic. Making zinc oxide	12728	23 June.
Gladstone, W. E., Invercargill, N.Z. Hair-pin	12364	2 Feb.
Gladstone, W. E., Invercargill, N.Z. Pin	12342	27 Jan.
Gladstone, W. E., and another, Invercargill, N.Z. Gold-saving appliance	12713	22 June.
Glendining R., Dunedin, N.Z. Coat-adjustment. (D. Nable)	12502	3 April.
Glennie, J. W., Invercargill, N.Z. Mud-guard for cycle	12501	3 April.
Glitsch, W., Zurich, Switzerland. (See W. E. Hughes, No. 13247 and 13248.)		
Goddu, G., Winchester, U.S.A. (See United Shoe Machinery Company, No. 12947.)		
Godfrey, G. L., and another, Invercargill, N.Z. Bath-heater	12683	12 June.
Godward, E. R., Invercargill, N.Z. (See E. B. McKay, No. 12645.)		
Godward, E. R., Invercargill, N.Z. Lid for cans, &c.	12338	25 Jan.
Goldsworthy, R. H., Mullet Point, N.Z. Hoe-blade holder	12485	23 March.
Goodwin, W. H., Toronto, Canada. Chart-blank	12370	8 Feb.
Gordon, C. O. H., and another, Invercargill, N.Z. Spark-extinguisher	13032	3 Oct.
Gordon, N. R., Melbourne, Vic. Rotary engine	12716	22 June.
Gordon, N. R., Melbourne, Vic. Aerial machine	12966	12 Sept.
Goss, A., Paterson, U.S.A. Warp twisting-in machine	13261	20 Dec.
Gough, G. W., and another, Dunedin, N.Z. Dredging	12580	3 May.
Govett, W. B., Brisbane, Queensland. Bicycle-brake	13118	31 Oct.
Gow, W., Dunedin, N.Z. Butter-presser	12543	20 April.
Grace, T. S., and another, Blenheim, N.Z. Fire-escape ladder	13044	9 Oct.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Graham, A. D., Brisbane, Queensland. Sharpening cutters of machine sheep-shears. (J. C. Barnes)	12466	16 March.
Graham, F. L., Narten, Vic. Penholder	12927	29 Aug.
Graham, J., Nelson, N.Z. Manufacture of bricks.. .. .	13176	21 Nov.
Grant, A., Auckland, N.Z. Method of disinfection	12470	15 March.
Grant, C. M., and another, Stratford, N.Z. Milking-bucket	13175	20 Nov.
Grant, J., and another, Wallacetown, N.Z. Drag-point for grain-coulter	12375	6 Feb.
Grant, R. P., Swannanoa, N.Z. Cleaning water-races	12711	21 June.
Gray, R. K., London, Eng. Electric cable	12721	22 June.
Green, G. W., Woywoy, N.S.W. (See T. E. W. Noyes, No. 13034.)		
Gregory, R., Sydney, N.S.W. (See D. Marks, No. 13039.)		
Greig, W. C., and others, Christchurch, N.Z. Branding-apparatus	13150	10 Nov.
Greil, E., and another, Paris, France. (See Electric Lighting Boards, Limited, No. 13050.)		
Grenier Art Company, New York, U.S.A. Coloured photographs. (P. M. C. Grenier)	12829	2 Aug.
Grenier, P. M. C., New York, U.S.A. (See Grenier Art Company, No. 12829.)		
Gresham, H. E., Salford, Eng. Actuating brakes for railway-wagons	12350	31 Jan.
Griffith, A., Sydney, N.S.W. Cycle. (G. Enrico)	12574	4 May.
Griffiths, F. C., New Plymouth, N.Z. Chimney-top.	12775	7 July.
Griffiths, W. P., Bradford, Eng. Separating wool from skins	12835	2 Aug.
Grundy, T., Thames, N.Z. Feed-water heater and condenser	13270	21 Dec.
Guinness, E. F., and another, Greymouth, N.Z. Grab	12998	14 Sept.
Gulliver, H., and another, South Yarra, Vic. Railway signalling	12868	13 Aug.
Gundrie, W. W., Dannevirke, N.Z. Fodder-holder	12691	19 June.
Gunn, H., Auckland, N.Z. Spark-stopper	12507	29 March.
Guthridge, A. H., and another, Melbourne, Vic. Fastening for leggings. (W. Taylor)	12913	23 Aug.
Gwynne, A. de C., St. Kilda, Vic. Extension foot or boot	12292	10 Jan.
Gye, C., and others, Mataura, N.Z. Envelope-opener	12960	7 Sept.
Hadley, P. A., and another, Auckland, N.Z. Colour-printing	13012	24 Sept.
Hagerty, J., and others, Invercargill, N.Z. Wheel	13232	10 Dec.
Hagerty, W., and others, Invercargill, N.Z. Wheel	13232	10 Dec.
Haigh, H. B., Brooklyn, U.S.A. Elastic heel for shoes	12392	16 Feb.
Hair, J., Oamaru, N.Z. Breeching-staple and swingle-tree end	12955	3 Sept.
Halcrow, L. P., Dacre, N.Z. Spark-arrester	12730	21 June.
Halford, J. A., London, Eng. (See Electric Lighting Boards, Limited, No. 13061.)		
Hall, A. P., Coraki, N.S.W. Pasteurising milk	12866	13 Aug.
Hall, Blanche R., Timaru, N.Z. Heating hair-curlers	12953	3 Sept.
Hall, W., Invercargill, N.Z. Barb-wire-cutting attachment to rifle	12419	20 Feb.
Hamilton, A., Winton, N.Z. Wire-strainer	13022	25 Sept.
Hamilton, Augusta M., Medindie, S.A. Filter	12585	7 May.
Hamlin, E. A. G., Reefton, N.Z. Silt-separator for dredge	12729	25 June.
Hamlin, E. A. G., Reefton, N.Z. Marking meat	12610	14 May.
Hammond, J. S. H., and another, Sale, Vic. Cycle-tire	13121	31 Oct.
Hankins, J. H., and others, Palmerston North, N.Z. Hoist	12486	27 March.
Hanks, M. W., and another, Pittsburg, U.S.A. Terminal connection and support for Nernst lamp	12910	23 Aug.
Hanks, M. W., Pittsburg, U.S.A. Terminal for Nernst lamp glower	12906	23 Aug.
Hanks, M. W., and others, Pittsburg, U.S.A. Starting-apparatus and cut-out for Nernst lamp	12909	23 Aug.
Hanley, M., and others, Gore, N.Z. Gold-saving appliance	12739	27 June.
Hanna, G. A., and another, Hartington, U.S.A. Liquid-weigher	12810	25 July.
Hanneberg, O. B. H., Christiania, Norway. Collecting and conveying light or heat to cellars, &c.	12601	12 May.
Harden, H. S., and others, Sydney, N.S.W. Nightsoil-cart	13250	11 Dec.
Hardy, F. E., Eltham, N.Z. Horse-cover	12352	31 Jan.
Harris, C. A., Levin, N.Z. Force-pump	12477	21 March.
Harris, C. A., Levin, N.Z. Cricket-stumps	12480	22 March.
Harris, J. J., and another, London, Eng. Saddle	12279	4 Jan.
Harrison, I., Wellington, N.Z. Bottle-labelling machine	12767	7 July.
Harrison, J., and another, Pukerau, N.Z. Suction dredging.. .. .	12641	22 May.
Harrison, W. H., Sydney, N.S.W. Saving gold and silver	12956	3 Sept.
Hart, Esther, Dunedin, N.Z. Securing hat to head	13227	8 Dec.
Hart, F. B., Manchester, Eng. Rail-joint	12788	16 July.
Hartley, W. H., and another, London, Eng. (See W. E. Hughes, No. 12349.)		
Hatriek, A. S., Heyfield, Vic. Clump-sole for footwear	13098	26 Oct.
Hausmann, A. T., Masterton, N.Z. Bridle	12578	4 May.
Hausmann, A. T., and another, Masterton, N.Z. Bridle-bit	12809	24 July.
Hawes, T., and another, Thames, N.Z. Candle-extinguisher.. .. .	12597	9 May.
Hawke, T., Auckland, N.Z. Attachment to plough	13220	3 Dec.
Hay, J., Ballance, N.Z. Clothes-washing appliance	12360	2 Feb.
Hayward, G. C., and another, Christchurch, N.Z. Receptacle-cover and cooking-utensil	12606	12 May.
Hayward, J. R., and another, Christchurch, N.Z. Receptacle-cover and cooking-utensil	12606	12 May.
Healey, W., Timaru, N.Z. Slop-bucket and night-commode.. .. .	12437	28 Feb.
Healey, W., Timaru, N.Z. Cess-pan	12438	28 Feb.
Heir, W., Port Chalmers, N.Z. Rabbit-crate	12487	27 March.
Hemingway, J., Spearfish, U.S.A. (See Universal Fuel Company, No. 12280.)		
Hemphill, J., and another, Lancefield, Vic. Attachment to plough	13156	15 Nov.
Henderson, A. C., and others, Invercargill, N.Z. Wheel	13232	10 Dec.
Henderson, J., Hawera, N.Z. Shaft-tug	13272	27 Dec.
Henderson, J., Pareora, N.Z. Mounting of horse-trees	12905	18 Aug.
Hendy, A. M., Dunedin, N.Z. Fire-grate	13229	6 Dec.
Henley, P. J., and another, Masterton, N.Z. Envelope	13055	11 Oct.
Henning, H. H., Brisbane, Queensland. Pump for pneumatic-tired wheels	12482	23 March.
Henrikson, J. H., Te Kopuru, N.Z. Obtaining oil and charcoal from kauri timber	12505	4 April.
Henrikson, J. H., Te Kopuru, N.Z. Obtaining oil from timber	12974	21 July.
Herbert, A., Perth, W.A. Extracting gold	12446	8 March.
Hewer, C. H., Criclade Wilts., Eng. Railway-coupling	12646	24 June, '99
Hewitt, G. F. J., and others, Brisbane, Queensland. Preserving meat	12417	22 Feb.
Hewitt, P. C., New York, U.S.A. Electric lighting	12912	23 Aug.
Hewitt, W., and others, Trenton, New Jersey, U.S.A. (See S. W. Shaw, No. 12405.)		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Hickson, W., and another, Wellington, N.Z. Drying varnished labels	12782	12 July.
Hide, A., Dannvirke, N.Z. Machine for coiling wire-netting	12359	2 Feb.
Higgins, Elizabeth, Gisborne, N.Z. Trunks or drawers for infants or invalids	12594	9 May.
Hight, A. E., Brookside, N.Z. Cleaning watercourses	12863	11 Aug.
Hill, E. R., Wilkinsburg, U.S.A. Electro-pneumatic controlling apparatus	12632	22 May.
Hill, E. R., Wilkinsburg, U.S.A. (See W. E. Hughes, No. 12395.)		
Hirst, H., Orepuki, N.Z. Railway and road-grader	13235	6 Dec.
Hobson, R. F., Christchurch, N.Z. Envelope-opener	12845	2 Aug.
Hockin, W., and another, South Yarra, Vic. Gravity wheel	12717	22 June.
Hoffmann, B., Paris, France. (See E. Waters, jun., No. 12886.)		
Hogg, W., and another, Lawrence, N.Z. Dredge-shoot cleaner	12534	11 April.
Hogg, W. M., and another, Lawrence, N.Z. Dredge-shoot cleaner	12843	3 Aug.
Holden, L., Feilding, N.Z. Feeding-trough for animals	12672	11 June.
Hollings, P. L., and another, Masterton, N.Z. Non-refillable bottle	12650	29 May.
Holman, W. A., Auckland, N.Z. Spouting-strap	12686	12 June.
Holman, W. A., Auckland, N.Z. Spouting-strap	12733	21 June.
Holmes, J., and another, Wellington, N.Z. Fire-escape ladder	13044	9 Oct.
Holmes, W., Wellington, N.Z. Gauge for tabulated work on linotypes	12681	14 June.
Holt, B. M., Wellington, N.Z. Bunk-tray	12889	20 Aug.
Homes, J. L., and another, Blenheim, N.Z. Fire-escape ladder. (J. and T. Patchett)	12407	19 Feb.
Hood, T., and another, Gisborne, N.Z. Preparation for preventing iron-rust	12363	3 Feb.
Horman, W., Waikiwi, N.Z. Scoop for removing stack-butts, &c.	12319	15 Jan.
Hosking, A., and another, Palmerston North, N.Z. Packing-case	12869	13 Aug.
Hoskins, C. H., and another, Sydney, N.S.W. Metal-pipe-forming machine	12728	22 June.
Hoskins, G. J., Sydney, N.S.W. Up-setting edges of metal plates	12727	22 June.
Hoskins, G. J., Sydney, N.S.W. Making core for cylindrical castings	13251	11 Dec.
Hoskins, G. J., and another, Sydney, N.S.W. Metal-pipe-forming machine	12726	22 June.
House, H., Oamaru, N.Z. Window-shade adjuster	12312	15 Jan.
Hughan, G., and another, Carterton, N.Z. Wiring or hooping cases	12586	7 May.
Hughes, F. G., Melbourne, Vic. Bandoleer. (J. Hylard)	13060	12 Oct.
Hughes, W. E., Wellington, N.Z. Treating glycerine. (C. Ives)	12348	31 Jan.
Hughes, W. E., Wellington, N.Z. Ore-roasting furnace. (W. A. Koneman and W. H. Hartley)	12349	31 Jan.
Hughes, W. E., Wellington, N.Z. Electric lighting of railway-vehicles. (E. R. Hill)	12395	16 Feb.
Hughes, W. E., Wellington, N.Z. Electric brake. (E. M. Tingley)	12396	16 Feb.
Hughes, W. E., Wellington, N.Z. Cork-extractor. (One-hand Cork-puller Company, Limited)	12996	20 Sept.
—H. H. Beaumont, J. Callahan, and M. Kaysen)		
Hughes, W. E., Wellington, N.Z. Manufacture of cement. (B. B. Lathbury and H. S. Spackman)	13145	8 Nov.
Hughes, W. E., Wellington, N.Z. Concrete-mixer. (S. P. McKelvey)	13139	7 Nov.
Hughes, W. E., Wellington, N.Z. Burner. (W. Glitsch)	13247	13 Dec.
Hughes, W. E., Wellington, N.Z. Lighting and heating apparatus. (W. Glitsch)	13248	13 Dec.
Hughes, W. E., Wellington, N.Z. Gasifier for internal-combustion engine. (W. A. Bole and E. Ruud)	13257	14 Dec.
Hulme, A. I., Richmond, Canterbury, N.Z. Copper	12971	11 Sept.
Humphreys, R. C., Palmerston North, N.Z. Butter-mould	12737	27 June.
Hunter, W. E., Maungakarama, N.Z. Catch for window-sash	12855	10 Aug.
Hurley, E. N., and another, Chicago, U.S.A. Direct-acting engine	12317	18 Jan.
Hurry and Seaman's Patents (Limited), London, Eng. Refractory lining of rotary cement-furnace. (E. H. Hurry and H. J. Seaman)	12383	15 Feb.
Hurry and Seaman's Patents (Limited), London, Eng. Manufacture of cement. (E. H. Hurry and H. J. Seaman)	12381	15 Feb.
Hurry and Seaman's Patents (Limited), London, Eng. Manufacture of cement. E. H. Hurry and H. J. Seaman	12382	15 Feb.
Hurry, E. H., and another, Bethlehem, U.S.A. (See Hurry and Seaman's Patents, Limited, Nos. 12381, 12382, and 12383)		
Husson, A., and another, Porentruy, Switzerland. (See E. Waters, jun., No. 12725.)		
Hutchinson, J., Orakau, Waikato, N.Z. Preventing "racing" of steamship screws	12570	26 April.
Hutchison, Nepean-. (See under N.)		
Hylard, J., St. Kilda, Vic. (See F. G. Hughes, No. 13060.)		
Illinois Reduction Company, Chicago, U.S.A. (See E. Waters, jun., No. 12679.)		
Imshchenetzky, A., St. Petersburg, Russia. Manufacture of fire-resisting materials	12290	10 Jan.
Innes, G. P., Sydney, N.S.W. Device for holding bottles	12652	30 May.
International Chemical Company, New Jersey, U.S.A. Manufacture of silicoides. (C. B. Jacobs)	13017	27 Sept.
International Metal Extraction Company, Denver, U.S.A. Treating ores. (M. Seligsohn)	13053	12 Oct.
International Postal Supply Company of New York, New York, U.S.A. Mail-marking machine. (F. G. Jahn)	13016	27 Sept.
Ireland, R., Hunterville, N.Z. Boot or shoe fastening	12412	21 Feb.
Irwin, P. S., and another, Dunedin, N.Z. Dredging	12406	20 Feb.
Ives, C., East Molesey, Eng. (See W. E. Hughes, No. 12348.)		
Jackson, A. G., and others, Brisbane, Queensland. Acetylene-generator	13119	31 Oct.
Jackson, M. C., and others, Denver, U.S.A. Rock-drill	12387	16 Feb.
Jacobs, C. B., and another, East Orange, U.S.A. Manufacture of nitrogen compounds	12526	12 April.
Jacobs, C. B., New Jersey, U.S.A. (See International Chemical Company, No. 13017.)		
Jacobs, F., Apiti, N.Z. Threshing-apparatus	12337	25 Jan.
Jahn, F. G., New York, U.S.A. (See International Postal Supply Company of New York, No. 13016.)		
James, T., sen., Pahiatua, N.Z. Raising and lowering window-sashes	12783	13 July.
James, W. F., and another, Dunedin, N.Z. Gold-saving apparatus	12301	11 Jan.
Jamieson, W., and another, Melbourne, Vic. Separating ores	13211	4 Dec.
Jarrott, C., London, Eng. (See British Motor Traction Company, Limited, No. 13245.)		
Jennings, W. A., and another, Wellington, N.Z. Printers' galley	12272	3 Jan.
Jensen, D., Palmerston North, N.Z. Abdominal belt	12400	16 Feb.
Jensen, H. C., Stanway, N.Z. Stump-jack	12289	10 Jan.
Jensen, N., Mauriceville, N.Z. Wire-straining appliance	13228	8 Dec.
Johnson and Company (Limited), S. H., Stratford, Eng. Extracting metals from ores. (S. H. Johnson and H. L. Sulman)	12327	20 Jan.
Johnson, J. T., Waipori, N.Z. Dredge	13026	6 Aug.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Johnson, S. H., and another, Stratford, Eng. (See S. H. Johnson and Co., Limited, No. 12327.)		
Johnson, W. B., Liverpool, Eng. Ventilator	12792	16 July.
Johnston, J. Y., London, Eng. Printing-press	12696	+19 July, '99.
Johnston, J. Y., London, Eng. Inking-apparatus for printing-press	12697	+18 July, '99.
Johnston, J. Y., London, Eng. Removing ink from dies of printing-press	12698	+20 July, '99.
Johnston, J. Y., London, Eng. Means for holding paper in printing-press	12699	+20 July, '99.
Johnston, J. Y., London, Eng. Dies and inking devices of printing-press	12700	+20 July, '99
Johnston, J. Y., London, Eng. Printing- or embossing-press	12701	+20 July, '99
Johnston, J. Y., London, Eng. Sterilising liquids	13188	+26 Nov., '99
Jones, F., Wellington, N.Z. Bicycle-tire	12443	7 March.
Jones, F., Wellington, N.Z. Cycle-tire cover	12854	8 Aug.
Jones, G. D., Christchurch, N.Z. Trousers for cyclists	12631	19 May.
Jones, H., Sydney, N.S.W. (See A. McDonald and E. E. Turner, No. 12834.)		
Jones, H. J., and another, Stratford, N.Z. Motorpictoscope	12920	21 Sept.
Jones, H. J., and another, Stratford, N.Z. Generation of acetylene gas	13187	23 Nov.
Jones, I., and another, Zeehan, Tasmania. Electro-magnetic separator	12447	6 March.
Jones, J., Buckland, N.Z. Hanging gates	12940	1 Sept.
Jones, J., and another, St. Kilda, Vic. Making zinc oxide	12728	23 June.
Jones, L. M., and others, Toronto, Canada. (See Massey-Harris Company, Limited, Nos. 12435 and 12486.)		
Jones, S., and another, Moonee Ponds, Vic. Gas-lighting	13239	13 Dec.
Jordan, T. R., New York, U.S.A. Separating ores	13193	28 Nov.
Jordan, T. R., New York, U.S.A. Amalgamating-apparatus	13194	28 Nov.
Jordan, T. R., New York, U.S.A. Crushing-machine	13195	28 Nov.
Joyce, J. J., and another, Sydney, N.S.W. Colour-printing	13012	24 Sept.
Joyce, W., and another, Halkett, N.Z. Preventing marine-engines from "racing"	13067	15 Oct.
Kaysen, Matilda, and others, Milwaukee, U.S.A. (See W. E. Hughes, No. 12996.)		
Kee, D. C., Hilton, Canterbury, N.Z. Kerosene-tin bucket frame	12771	7 July.
Keir, J., Christchurch, N.Z. (See P. and D. Duncan, Limited, No. 12972.)		
Kelly, J., and another, Dunedin, N.Z. Furnace-kiln	12549	20 April.
Kent, H. R., New York, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 13189.)		
Kerr, J., jun., and another, Greymouth, N.Z. Dredging-scoops	12942	28 Aug.
Kerry, R. A. C., Onehunga, N.Z. Clothes-washer	12759	2 July.
Kershaw, B., Manchester, Eng. Fabric for covering meat	12414	22 Feb.
Kielberg, C. J., Hillerød, Denmark. Making articles from cement, mortar, clay, &c.	12793	16 July.
Kimman, H. J., Chicago, U.S.A. Pneumatic drill	12276	4 Jan.
Kimman, H. J., Chicago, U.S.A. Pneumatic riveting-apparatus	12456	12 March.
Kimman, H. J., and another, Chicago, U.S.A. Direct-acting engine	12317	18 Jan.
Kingsland, W., London, Eng. Eleotrical traction	12393	16 Feb.
Kingsland, W., London, Eng. Studs for electric traction	12394	16 Feb.
Kingsland, W., London, Eng. Controlling electric switch	12386	2 Aug.
Kingsland, W., London, Eng. Electric-switch operator	13163	15 Nov.
Kingsland, W., London, Eng. Box for containing switches	13164	15 Nov.
Kinsella, J. A., Wellington, N.Z. Milk-can	12498	30 March.
Kirby, P. H., Fitzroy, Vic. Boot-sole	12807	23 July.
Kirkbride, J. L., Auckland, N.Z. Window-sash fastener	12693	19 June.
Kirkbridge, J. L., Auckland, N.Z. Tappet-head	12731	25 June.
Kirkby, E. H., Melbourne, Vic. Fire-alarm	12542	20 April.
Kirkpatrick-Picard, H. F., London, Eng. Treating sulphide ores	12933	31 Aug.
Kirkpatrick-Picard, H. F., London, Eng. Treating ores	13160	15 Nov.
Kissell, W. J., Westport, N.Z. Closing openings of corrugated-iron roofing	13023	26 Sept.
Kitson, A., Philadelphia, U.S.A. Vapour-burning lamp	12653	30 May.
Kitson, A., Philadelphia, U.S.A. Vapour-burning lamp	12654	30 May.
Knight, J., and another, Wellington, N.Z. Printers' galley	12272	3 Jan.
Knocks, A. J., Otaki, N.Z. Medicine for horses, &c.	12776	11 July.
Knocks, A. J., Otaki, N.Z. Bot-fly lotion	13157	15 Nov.
Knowles, A. J., Brantford, Canada. Controlling apparatus for oil- or spirit-engine	12781	12 July.
Knox, T., Ohaeawai, N.Z. Horse-cover attachment	13219	3 Dec.
Koock, M., Oskosh, Wis., U.S.A. Fabric	12490	30 March.
Koneman, W. A., and another, London, Eng. (See W. E. Hughes, No. 12349.)		
Kunzelmann, C., Sackengen, Baden, Germany. Safety lock	12510	7 April.
Laak, Van. (See under V.)		
Ladd, S. W., Beverley, U.S.A. (See United Shoe Machinery Company, No. 12791.)		
Lamberg, J., and another, Kilbirnie, Wellington, N.Z. Rat-trap	12584	7 May.
Lambert, F., Parkhurst, H.B., N.Z. Bridge	13217	4 Dec.
Lamme, B. G., Pittsburg, U.S.A. (See J. P. Campbell, No. 12397.)		
Lamme, B. G., Pittsburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, Nos. 12599, 13102, 12444, 12443, 12969, 12977.)		
Lancaster, E. W., and another, Westminster, Eng. (See E. Waters, No. 12725.)		
Land, W. A., Styx, N.Z. Manure- and seed-sower	12822	28 July.
Lane, C., and others, Michigan, U.S.A. (See S. W. Shaw, No. 12405.)		
Lane, C. T., and another, Blenheim, N.Z. Fire-escape ladder. (J. and T. Patchett)	12407	19 Feb.
Lane, J., and others, Michigan, U.S.A. (See S. W. Shaw, No. 12405.)		
Lane, T. E., and others, S. Kensington, Eng. Bottle	12491	30 March.
Lange, H., Vesteras, Sweden. Soldering of aluminium	12995	20 Sept.
Lanham, W., Woolston, N.Z. Clothes-rack	13052	8 Oct.
Lanston, T., Washington, U.S.A. (See Lanston Monotype Machine Company, No. 13275.)		
Lanston Monotype Machine Company, Washington, U.S.A. Preparing perforated record strips of type-forming machine. (T. Lanston)	13275	28 Dec.
Latham, A., and others, Gore, N.Z. Gold-saving appliance	12739	27 June.
Lathbury, B. B., and another, Philadelphia, U.S.A. (See W. E. Hughes, No. 13145.)		
Latta, R., Kokiri, N.Z. Harness fastening	13047	6 Oct.
Laurie, W. S., and others, Auckland, N.Z. Manufacture of brooms from New Zealand flax	13030	27 Sept.
Lavery, A., Waipukurau, N.Z. Staple-extractor	12928	28 Aug.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Lawler, G., Auckland, N.Z. Boot-making tool	12951	5 Sept.
Lawson, Caroline, St. Kilda, Vic. Lamp. (T. Bowman)	12867	13 Aug.
Leach, W., and others, Bradford, Eng. Recovering grease from the wash-liquors of wool	12762	5 July.
Leatherbarrow, J. B., and another, Manchester, Eng. Harvester	12714	22 June.
Lee, G., and another, Waikaka, N.Z. Gold-saving	13132	29 Oct.
Lee, J. H., Deckham, Surrey, Eng. Treating ores	13099	26 Oct.
Leech, G., Nelson, N.Z. Saving gold	12747	28 June.
Leonard, J. H., Motueka, N.Z. Horse-cover	19273	27 Dec.
Lewington, T. M., Lyttelton, N.Z. Fly-paper holder	12237	5 Jan.
Lewis, J. H. H., Parkside, S.A. Teapot	12547	20 April.
Lewis, W. E., Auckland, N.Z. Jug-lid	12339	2 Aug.
Lichtenberg-Madsen, D., Odense, Denmark. Reproduction of cliches, stamps, &c., in cellulose	12390	16 Feb.
Linotype Company (Limited), London, Eng. (See E. Waters, jun., Nos. 13263, 13264, and 13265.)		
Linton, W. J., Woodstock, Canada. Hydraulic air-compressor	13062	12 Oct.
Lisle, W., Sydenham, Canterbury, N.Z. Cart-jack	13013	24 Sept.
Lissau, S. M., Philadelphia, U.S.A. Concentrating ores	12832	17 Aug.
Ljungström, B., Stockholm, Sweden. (See E. Waters, No. 12473.)		
Lochhead, R., Dunedin, N.Z. Boiler-flange	12450	5 March.
Loneragan, W., and another, North Waratah, N.S.W. Preventing the "racing" of propellers	12604	12 May.
Long, J., Springfield, U.S.A. Bench-vise	13260	20 Dec.
Look, L., Los Angeles, U.S.A. (See E. Phillips, No. 13020.)		
Loudon, J., Dunedin, N.Z. Device for preserving fold in crown of soft hat	12398	16 Feb.
Louisson, J., and another, Palmerston North, N.Z. Packing-case	12869	13 Aug.
Lovegrove, G., Napier, N.Z. Box for shipping horses	12353	30 Jan.
Lowe, G. I., Hastings, N.Z. Flooring- and ceiling-crimp	13077	20 Oct.
Lucas, F., and another, Christchurch, N.Z. Sanitary receptacle	12987	13 Sept.
Lucas, G. N., and another, Christchurch, N.Z. Sanitary receptacle	12937	13 Sept.
Luke, S. J., and another, Dunedin, N.Z. Dredging	12406	20 Feb.
Luxford, W. L., and others, Palmerston North, N.Z. Hoist	12486	27 March.
Lying, M. H., and another, Republic, Washington, U.S.A. (See E. Waters, jun., No. 12679.)		
Macalister, J., Invercargill, N.Z. Disc-ridger	12299	6 Jan.
Macindoe, A. E., and another, Auckland, N.Z. Miners' candle-holder	13151	8 Nov.
Macindoe, A. E., and another, Auckland, N.Z. Fuse-cutter and cap-fastener	13152	8 Nov.
Mack, J. B., Wellington, N.Z. Food for calves	12984	14 Sept.
Mackay, D. W., Maitauro, N.Z. Planing-machine	12887	17 Aug.
Mackay, D. W., Maitauro, N.Z. Sawing, planing, and printing timber	12518	10 April.
Mackenzie, G. H., Dunedin, N.Z. Spark-arrester	12794	12 July.
Mackenzie, G. H., Wellington, N.Z. Electric gold-saver	13252	14 Dec.
Mackenzie, G. H., Wellington, N.Z. Gold-saving table	13253	14 Dec.
Mackenzie, G. H., Wellington, N.Z. Gold-saving table	13254	14 Dec.
Mackenzie, J. B., New Brighton, N.Z. Housemaid's knee-pad	12295	8 Jan.
Mackenzie, J. B., New Brighton, N.Z. Housemaid's knee-pad	12365	3 Feb.
MacLean, W. J., Te Aroha, N.Z. Advertising on candles	13001	18 Sept.
MacMeikan, N. H., Melbourne, Vic. Rabbit-crate	12418	22 Feb.
Maconochie, A. W., London, Eng. Connecting tins	12724	22 June.
Madden, A. J., Melbourne, Vic. Filter	12673	12 June.
Madsen, Lichtenberg-. (See under L.)		
Maier, M., and another, Carlton, Vic. Earth- or rock-drill	12464	16 March.
Main, J. P., Ballarat, Vic. Ventilating mines	13096	26 Oct.
Mainland, H. L., Burke's, N.Z. Hair-pin	12310	13 Jan.
Mainland, H. L., and another, Burke's, N.Z. Suction dredging	12641	22 May.
Malfroy, C. M., Hokitika, N.Z. Snatch-block	12308	16 Jan.
Mallett, J. P., Pittsburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 13168.)		
Manners, A., Sydney, N.S.W. (See J. Daniels, No. 13222.)		
Manton, C. E., and another, Menzies, W.A. Treating gold.	13161	15 Nov.
Marchant, F. W., Timaru, N.Z. Dredge-bucket	12592	10 May.
Marchant, F. W., Timaru, N.Z. Gold-saving dredge	12595	11 May.
Marchbank, J., and others, Broadford, Vic. Boot-sole	12944	3 Sept.
Marconi, G., London, Eng. (See Marconi's Wireless Telegraph Company, Limited, Nos. 13097 and 13213.)		
Marconi's Wireless Telegraph Company (Limited), London, Eng. Receiver for electrical oscillation. (G. Marconi)	13097	26 Oct.
Marconi's Wireless Telegraph Company (Limited), Eng. Wireless telegraph. (G. Marconi)	13213	5 Dec.
Margetts, T. B., and another, Flowerdale, Tasmania. Harvester	12714	22 June.
Marks, D., Sydney, N.S.W. Treating auriferous wash. (R. Gregory)	13039	4 Oct.
Marles, H., and another, East Ham, Essex, Eng. Carving-machine	12577	4 May.
Marshall, H., Port Melbourne, Vic. Head-rest for chairs	12715	22 June.
Marshall, H., Port Melbourne, Vic. Boot-sewing machine	12964	11 Sept.
Marsland, L. W., and another, Sydney, N.S.W. Elimination of zinc from ores, and recovery of gold, &c., therefrom	13196	28 Nov.
Martin, A. J., and others, Exeter, Eng. (See W. Parker, Nos. 12624, 12625, 12626.)		
Massey-Harris Company (Limited), Toronto, Canada. Self-binding harvester. (L. M. Jones, C. McLeod, and F. D. Mercer)	12435	3 March.
Massey-Harris Company (Limited), Toronto, Canada. Mower. (L. M. Jones, W. J. Clokey, and C. McLeod)	12436	3 March.
Matheson, J., Middlemarch, Otago, N.Z. Rabbit-poison	12690	19 June.
Matthews, W., Peak Hill, N.S.W. Earth-scoop	12576	4 May.
Maxwell, E., Opunake, N.Z. Maintaining tension on wire ropes	12718	22 June.
Maxwell, J., and another, Maitauro, N.Z. Gold-saving screen	12475	16 March.
Maxwell, J. S., Auckland, N.Z. Silt-punt	13080	15 Oct.
Mayer, T. J., and others, Washington, U.S.A. Making dough for bread	12335	23 Jan.
Maylard, M. W., London, Eng. Indicator and time-check	13134	23 Nov.
Maylard, M. W., London, Eng. Indicator for firearms	13135	23 Nov.
Maylard, M. W., London, Eng. Detecting abnormal conditions of the air	13136	23 Nov.
Mayr, H., Auckland, N.Z. Sash and frame combination	13084	20 Oct.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
Mazey, G. A., Christchurch, N.Z. Door-latch	12800	19 July.
McAlpine, G. G., Auckland, N.Z. Rope-clip	13149	8 Nov.
McCarthy, J. F., Auckland, N.Z. Spark-arrester	12525	9 April.
McCaul, G., Auckland, N.Z. Chimney-top	12607	12 May.
McCombie, J., Auckland, N.Z. Compound for consolidating roads, &c. ..	13258	13 Dec.
McCombie, J., and another, Auckland, N.Z. Miners' candle-holder	13151	8 Nov.
McCombie, J., and another, Auckland, N.Z. Fuse-cutter and cap-fastener ..	13152	8 Nov.
McConchie, W., and another, Nelson, N.Z. Butter-churn	12345	27 Jan.
McCulloch, T., and another, Sydney, N.S.W. Ventilating-cowl	12915	23 Aug.
McCreath, J., Invercargill, N.Z. Draught-increaser and spark-extinguisher ..	12517	10 April.
McDonald, A., and another, Sydney, N.S.W. Tobacco-cutting machine. (H. Jones)	12384	15 Feb.
McDonald, D., Yarraville, Vic. Acetylene-generator	13038	4 Oct.
McDonough, J., and others, Denver, U.S.A. Rock-drill	12387	16 Feb.
McElligott, J., Kawarau Gorge, N.Z. Saving gold	12806	23 July.
McFeely, R. F., Beverly, U.S.A. (See United Shoe Machinery Company, No. 12790.)		
McGaffin, R., Hastings, N.Z. Disc harrow	13059	11 Oct.
McGaffin, R., Hastings, N.Z. Disc harrow	13114	27 Oct.
McGregor, E., Mangaonoho, N.Z. Dredging and transporting earth	12923	29 Aug.
McGregor, E., Mangaonoho, N.Z. Excavating and dredging earth	12340	25 Jan.
McInnes, J., Kaurihohore, N.Z. Dressing flax	12329	23 Jan.
McKay, E. B., Invercargill, N.Z. Fire-alarm and temperature-indicator. (E. R. Godward)	12645	25 May.
McKeegan, W., Wellington, N.Z. Dredge	12675	12 June.
McKegg, J., Goodwood, N.Z. Fire-kindler	13274	28 Dec.
McKelvey, S. P., Chicago, U.S.A. (See W. E. Hughes, No. 13139)		
McKinnon, J., Whareora, N.Z. Buckle	12489	28 March.
McLellan, R. K., and another, Rochester, U.S.A. Stuffing-box	12734	26 June.
McLeod, C., and others, Toronto, Canada. (See Massey-Harris Company, Limited, Nos. 12435 and 12436.)		
McLeod, R. A., Kaihu, Auckland, N.Z. Winch	12659	30 May.
McNeil, A. H., Coromandel, N.Z. Mine-ventilator	12529	17 April.
McNeil, A. H., Coromandel, N.Z. Mine-ventilator	12318	18 Jan.
McNeill, A. M., Wanganui, N.Z. Staple-extractor	12746	26 June.
McPhee, J. H. A., Dunedin, N.Z. Gold-saving apparatus	12623	15 May.
McRae, Emma S., Prebbleton, N.Z. Effervescing drink	13204	29 Nov.
McRae, Emma S., Prebbleton, N.Z. Embrocation	13205	29 Nov.
McRae, J., and others, London, Eng. Bottle	12491	30 March.
Mead, J., sen., Auckland, N.Z. Show-case bracket	12931	28 Aug.
Mence, L. W., Greymouth, N.Z. Photographic camera	13137	5 Nov.
Mendham, C. F., London, Eng. Closing sheet-metal boxes	13010	24 Sept.
Mercer, F. D., and others, Toronto, Canada. (See Massey-Harris Company, Limited, No. 12435.)		
Mershon, R. D., New York, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12926.)		
Merton, T. D., Spottiswoode, Vic. Ore-roasting furnace	13218	6 Dec.
Metzger, V., Bluff, N.Z. Gate-hinge	12999	18 Sept.
Meyer, H. P., and others, Dannevirke, N.Z. Grass-seed-dressing apparatus ..	12797	19 July.
Millar, R., Dunedin, N.Z. Working water-wheels	13127	29 Oct.
Miller, C., Nelson, N.Z. Cribbage-board	13053	8 Oct.
Miller, Jessie, Arrowtown, N.Z. Stoker for steam boiler	12777	7 July.
Miller, J. E., Edgewood Park, Pennsylvania, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 13021.)		
Miller, K., London, Eng. Rendering ore friable	12431	1 March.
Mills, A. E., Branhholme, Vic. Car-coupling	12461	16 March.
Milne, C. W., and another, London, Eng. Electric arc lamp	12373	8 Feb.
Milner, W., Warrington, Eng. Tool for closing and opening fence-dropper tongues..	12649	130 March.
Mitchell, J., Liverpool, Eng. Preservative covering for hams, &c.	12600	12 May.
Mitchell, J. W., and another, Mosgiel, N.Z. Branding carcasses	12402	19 Feb.
Mitchell, T., Tairua, N.Z. Rat-trap	12494	29 March.
Moate, J. T., Adelaide, S.A. Book-leaves	12830	17 Aug.
Moffett, J., and another, Invercargill, N.Z. Gold-saving	13126	29 Oct.
Moller, O. A., and others, Christchurch, N.Z. Branding-apparatus	13150	10 Nov.
Montemas, De. (See under D.)		
Moore, D. M., Newark, U.S.A. (See Moore Electrical Company, No. 12550.)		
Moore Electrical Company, The, New York, U.S.A. Vacuum-tube lighting. (D. M. Moore) ..	12550	20 April.
Moorhouse, M. L., and others, Hobart, Tasmania. Removing barnacles, &c., from hulls of vessels	13249	13 Dec.
Moorhouse, T. E., Christchurch, N.Z. Electrical connector for trains	12357	30 Jan.
Morgan, J., Greymouth, N.Z. Gold-amalgamator	13216	29 Nov.
Morgan, J., and another, Greymouth, N.Z. Dredging-scoops	12942	28 Aug.
Morgan, J., and another, Greymouth, N.Z. Grab for lifting stones, &c.	12998	14 Sept.
Morgan, J. A., and another, Opawa, N.Z. Signalling at night	12514	6 April.
Morgan, J. D. P., Hautapu, Waikato, N.Z. Converting wood, straw, &c., into charcoal ..	12558	24 April.
Morgan, W. J., Wellington, N.Z. Method of giving instruction in measurement of timber ..	12311	16 Jan.
Morgan, W. R., Wanganui, N.Z. Staple-drawer	12823	26 July.
Morice, W., Gisborne, N.Z. Buckle for harness	12802	19 July.
Morrin, J. M., and others, Auckland, N.Z. Cleaning kauri-gum	13146	8 Nov.
Morris, J., Sydney, N.S.W. Refuse-bin	12651	30 May.
Morris, L., and another, Dunedin, N.Z. Temperature-indicator	12316	18 Jan.
Morrow, A., Auckland, N.Z. Spark-extinguisher	13197	27 Nov.
Morton, J. S., Oakland, California, U.S.A. Pump	12849	4 Aug.
Mosher, L. E., and another, Los Angeles, U.S.A. Building-construction	12709	22 June.
Mouat, Mary, Dunedin, N.Z. Game	12988	14 Sept.
Mouat, W. G., and another, Dunedin, N.Z. Rope coupling	13215	4 Dec.
Mower, E. F., and another, Boston, U.S.A. (See United Shoe Machinery Company, No. 12372.)		
Moyer, E. N., Toronto, Canada. Chart-drawing instrument	12374	8 Feb.
Muir, W. J., Poowong East, Vic. Bucket-support	12424	28 Feb.
Mullay, T. S., Invercargill, N.Z. Marine composition for destroying the ship-worm ..	13171	16 Nov.

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Name, Residence, and Invention.	No.	Date.
Murdoch, H. H., and another, Hastings, N.Z. Separating gold	13134	2 Nov.
Murray, R. L. H., Auckland, N.Z. Increasing illuminating-power of gas	12663	6 June.
Murrell, E., Cromwell, N.Z. Saving gold	12817	27 July.
Nable, D., Redfern, N.S.W. Cleaning rails of tramways	12465	16 March.
Nable, D., Redfern, N.S.W. (See R. Glendining, No. 12502.)		
Nable, D., Redfern, N.S.W. (See Ross and Glendining, Limited, No. 12848.)		
Naismith, J. C., Taieri, N.Z. Straw-elevator for thresher	12496	28 March.
Neave, J. S., and others, Gore, N.Z. Gold-saving appliance	12739	27 June.
Nepean-Hutchison, W., and others, Sydney, N.S.W. Nightsoil-cart	13250	11 Dec.
Nevell, F. A., Portland, Vic. Steam cooker	12434	3 March.
New Taitte Howard Pneumatic Tool Company (Limited), The, London, Eng. Pneumatic hammer. (J. Boyer)	12722	22 June.
New Zealand Loan and Mercantile Agency Company (Limited), Christchurch, N.Z. Potato-digger. (C. Bristow)	13051	8 Oct.
Newall, J. W., Ongar, Essex, Eng. Cutting hair and wool	12896	22 Aug.
Nicol, J., and another, Wellington, N.Z. Valve	12307	15 Jan.
Nielsen, L. C., Copenhagen, Denmark. Oil-lamp burner	12753	2 July.
Nielsen, L. C., and another, Copenhagen, Denmark. Foam-remover for pasteurising-apparatus	12314	18 Jan.
Nightingale, R. E., Christchurch, N.Z. Brick	12506	4 April.
Nightingale, R. E., Christchurch, N.Z. Brick	13231	8 Dec.
Noble, J., and others, Broadford, Vic. Boot-sole	12944	3 Sept.
Norris, F. M., Hunterville, N.Z. Distributing oil on a heavy sea	13279	28 Dec.
Northey, J., Thames, N.Z. Washing-paste	12954	3 Sept.
Norton, W. H., Sydney, N.S.W. Wire-straining appliance	12555	18 April.
Noy, H., sen., Dunedin, N.Z. Spark-extinguisher	12640	19 May.
Noyes, T. E. W., Sydney, N.S.W. Incubator. (G. W. Green)	13034	3 Oct.
Nuttall, W. T., and others, Dannevirke, N.Z. Seed-dressing machine	12797	19 July.
Nuttall, W. J., and others, Dannevirke, N.Z. Seed-dressing machine	12797	19 July.
Oakden, F., and another, Dunedin, N.Z. Furnace-kiln	12549	20 April.
Ockenden, A. G., Auckland, N.Z. Music-carrier	13221	3 Dec.
Odling, F. J., and another, St. Kilda, Vic. Separating ores	13211	4 Dec.
Ogden, S., Rangiora, N.Z. Securing window-sashes	12890	17 Aug.
Ohlsson, O., Sodertelje, Sweden. Separator	12351	31 Jan.
Olsen, F. C. J., Invercargill, N.Z. Twine-holder	13230	15 Jan.
Olsen, F. J., Invercargill, N.Z. Water-closet seat	12430	1 March.
Olsen, F. J., Invercargill, N.Z. Water-filtering apparatus	12453	9 March.
Olsen, F. J., and another, Invercargill, N.Z. Filtering water	12404	20 Feb.
Olsen, J., and another, Auckland, N.Z. Water-bicycle	13136	3 Nov.
Olund, E., and another, St. Louis, U.S.A. (See G. G. Turri, No. 12780.)		
One-hand Cork-puller Company (Limited), Liverpool, Eng. (See W. E. Hughes, No. 12996.)		
Onus, A. J., and another, Pietermaritzburg, Natal. (See H. J. Finn, No. 13225.)		
Orr, J., and another, Sydney, N.S.W. Ventilating-cowl	12915	23 Aug.
Osborne, J., Doyleston, Canterbury, N.Z. Sinking artesian wells	12704	19 June.
Osborne, J., Doyleston, Canterbury, N.Z. Sinking artesian wells	13173	15 Nov.
Over, W., Auckland, N.Z. Piano-escapement	12820	26 July.
Overend, A., Brisbane, Queensland. Suction dredge for gold-saving	12634	22 May.
Owen, D. A., Christchurch, N.Z. Bath-tub or scullery-sink	12521	19 April.
Owen, E., and others, Auckland, N.Z. Yard-sink and outdoor drain	12774	11 July.
Oxenham, S., Makuri, N.Z. Spouting-hopper	12376	12 Feb.
Page, F. T., Pahiatua, N.Z. Wire-grip	13266	20 Dec.
Page, W. C., Eltham, N.Z. Axle-box fastening	12824	31 July.
Painter, W., Hinds, Canterbury, N.Z. Skeith-regulating attachment to plough	13024	27 Sept.
Palmer, P., Dunedin, N.Z. Appliance for cutting pockets	12819	27 July.
Palmer, W. L., and another, Wellington, N.Z. Drying varnished labels	12732	12 July.
Park, A. J., Dunedin, N.Z. Gold-dredging appliance	12581	3 May.
Parker, W., Melbourne, Vic. Treatment of sewage. (D. Cameron, F. J. Commin, and A. J. Martin)	12624	18 May.
Parker, W., Melbourne, Vic. Generating gas from sewage. (D. Cameron, F. J. Commin, and A. J. Martin)	12625	18 May.
Parker, W., Melbourne, Vic. Valve for regulating discharge of sewage into tidal waters. (D. Cameron, F. J. Commin, and A. J. Martin)	12626	18 May.
Parmenter, C., and another, Pleasant Point, N.Z. Generating electricity	13155	12 Nov.
Parmenter, J., and another, Saltwater Creek, Timaru, N.Z. Generating electricity.	13155	12 Nov.
Parsons, C. A., and others, Newcastle-on-Tyne, Eng. Ring of blades for steam-turbine	12495	31 March.
Parsons, H. W., and another, Waikaka, N.Z. Gold-saving	13132	29 Oct.
Parsons, R. C., and others, Westminster, Eng. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12884.)		
Pasco, A., and another, Invercargill, N.Z. Rabbit-trap fastener	12756	3 July.
Patchett, J., and another, Blenheim, N.Z. (See J. L. Homes and C. T. Lane, No. 12407.)		
Patchett, T., and another, Blenheim, N.Z. (See J. L. Homes and C. T. Lane, No. 12407.)		
Patterson, R. L., and others, New York, U.S.A. (See American Cigar Machinery Company, No. 12763.)		
Pearce, W. T., and another, Melbourne, Vic. Burner for Primus heating-lamp	12538	18 April.
Pearse, T. H., Boston, U.S.A. Cotton-gin and wool-burrer. (M. Prior).. .. .	12825	31 July.
Pearson, G. A., Lower Hutt, N.Z. Safety draw-pin and catch for railway vehicle	12671	11 June.
Pearson, G. S., Hamilton E., N.Z. Wire strainer and splicer	12559	24 April.
Peat, O., Parnell, Auckland, N.Z. Chair	13031	27 Sept.
Peddle, F. W., Potutu, N.Z. Candlestick	13117	31 Oct.
Pell, W., Flemington, Vic. (See I. Wheeldon, No. 12539.)		
Pellew, W. F., and another, Nelson, N.Z. Butter-churn	12345	27 Jan.
Pelton, J. C., and another, New York, U.S.A. Building-construction	12709	22 June.
Penney, G. W., Gore, N.Z. Turnip shaver and lifter	12856	9 Aug.
Perkins, T. S., Idlewood, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12557.)		
Perrott, J., Gardiner, Vic. Cash-registering machine	12779	12 July.
Perry, J. H., Melbourne, Vic. Oxygen-generator	12540	20 April.
Perry, J. R., Dunedin, N.Z. Power-winch for gold-dredge	12589	7 May.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
Perry, W. E., Hokitika, N.Z. Rocking-horse	12785	11 July.
Petersen, A., Copenhagen, Denmark. Lock	12865	13 Aug.
Petersen, A., and another, Invercargill, N.Z. Bath-heater	12683	12 June.
Petersen, P. V. F., and another, Copenhagen, Denmark. Foam-remover for pasteurising-apparatus	12314	18 Jan.
Petersson, E., Brussels, Belgium. (See T. N. Beavan, No. 12723.)		
Pettitt, H., Kaikora, N.Z. Package-filling machine	12321	16 Jan.
Phillips, E., Melbourne, Vic. Ore-concentrator. (L. Look)	13020	28 Sept.
Philp, J. A. P., Sydenham, N.Z. Guard for bicycle-chain	12441	1 March.
Picard, Kirkpatrick-. (See under K.)		
Pieper, N., Liege, Belgium. (See C. P. Webendorfer, No. 13166.)		
Pinches, W., Wanganui, N.Z. Candlestick	12989	13 Sept.
Pinches, W., Wanganui, N.Z. Batten for wire fencing	12567	25 April.
Pinny, H., Dunedin, N.Z. Artificial limb	12532	10 April.
Pocock, A. C., and another, Dannevirke, N.Z. Acetylene-generator	13267	21 Feb., '01
Pomeroy, J. H., Invercargill, N.Z. Joining ends of and braising rails together	12620	12 May.
Potter, A., Auckland, N.Z. Powder for destroying insects	13202	27 Nov.
Potter, H. N., Pittsburg, U.S.A. Ballast-resistance and cut-out for Nernst lamp	12907	23 Aug.
Potter, H. N., and others, Pittsburg, U.S.A. Starting-apparatus and cut-out for Nernst lamp	12909	23 Aug.
Potter, H. N., and others, Pittsburg, U.S.A. Nernst lamp	12911	23 Aug.
Powers, W. H., and another, Denver, U.S.A. (See Trommlitz Vote-register Company, No. 12591.)		
Poynter, J. B., Bluff, N.Z. Fireplace	13104	26 Oct.
Price, J. V., and others, Christchurch, N.Z. Production of overlays in illustration-printing	12821	28 July.
Prior, M., Watertown, U.S.A. (See T. H. Pearce, No. 12825.)		
Pritchard, C., and another, South Preston, Vic. Draught-excluder for doors	13138	7 Nov.
Purser, H. A., Wanganui, N.Z. Billiard-table cushion	12488	27 March.
Purves, W. T., Edinburgh, Scotland. Carbuiretter	12745	29 June.
Pyke, H. A., Whangarei, N.Z. Sand-soap powder	12853	8 Aug.
Quaife, F. W., Halswell, Canterbury, N.Z. Hermetically sealing perishable substances	12980	13 Sept.
Quertier, H., Mataura, N.Z. Gold-saving appliance	12644	23 May.
Quin, J. D., and another, Wanganui, N.Z. Cash-book	12343	23 July, '98
Quinn, J., and others, Young, New South Wales. Harvesting-machine	13070	15 Oct.
Rabbidge, P., Sydney, N.S.W. Switching-appliance for telephone	12298	8 Jan.
Rabbidge, P., Sydney, N.S.W. Magneto-telephone	12957	3 Sept.
Rabe, H., and another, Thames, N.Z. Candle-extinguisher	12597	9 May.
Ramage, J., Balclutha, N.Z. Acetylene-gas generator	12554	20 April.
Rand, J. D., and another, Eulong, N.S.W. Non-refillable bottle	12575	4 May.
Ranger, H. J., Christchurch, N.Z. Road-cleaning machine	12801	21 July.
Ranish, H., Wellington, N.Z. Billiard-cushion	12812	25 July.
Ransom, E. A., Dannevirke, N.Z. Horse-cover fastener	12748	30 June.
Raper, A. E., and another, Dunedin, N.Z. Dredge-bucket cleaner and gold-saver	13110	26 Oct.
Raper, A. E., and another, Dunedin, N.Z. Drop-plate for gold-dredge	13190	19 Nov.
Raper, F., jun., Dunedin, N.Z. Railway speed-indicator	12738	25 June.
Rapson, J., and another, Kakanui, N.Z. Wire-strainer	12787	14 July.
Rapson, J., and another, Kakanui, N.Z. Wire-strainer	12787	14 July.
Rasmussen, H. P., and others, Winton, N.Z. Wheel	13232	10 Dec.
Rayfield, J. W., and another, Menzies, W.A. Treating gold	13161	15 Nov.
Raymond, F. V., Invercargill, N.Z. Keeping brushes moist	13045	5 Oct.
Raymond, F. V., and another, Invercargill, N.Z. Shirts, and means of securing cuffs and collars thereto	12473	20 March.
Raymond, F. V., and another, Invercargill, N.Z. Fastener for shirt-collar	12474	20 March.
Raymond, F. V., and another, Invercargill, N.Z. Securing shirt collars, cuffs, &c.	12504	4 April.
Rayward, H. H., Christchurch, N.Z. Gold-dredging	12533	11 April.
Reeves, H. J., and another, Dunedin, N.Z. Gold-saving apparatus	12301	11 Jan.
Reeves, L. G., Dunedin, N.Z. Pontoon for gold-dredge	12459	12 March.
Reeves, L. G., Dunedin, N.Z. Pontoon	12657	26 May.
Reeves, L. G., Dunedin, N.Z. Smoke-conveyor and spark-extinguisher	13089	19 Oct.
Reisler, H., Auckland, N.Z. Clothes-peg	12939	29 Aug.
Renner, G., and another, Kaikoura, N.Z. Branding wool-bales	12287	8 Jan.
Renner, G., and another, Kaikoura, N.Z. Branding-mixture	12286	8 Jan.
Renner, G., and another, Kaikoura, N.Z. Marking sheep	12611	14 May.
Rennie, R. H., Dunedin, N.Z. Flooring- and lining-cramp	13076	15 Oct.
Reynolds, H., Christchurch, N.Z. Calculating-apparatus	13180	20 Nov.
Reynolds, H., Christchurch, N.Z. Cycle mud-guard	12619	14 May.
Rice, J. W., and another, Armadale, Vic. Horse-shoe	12796	16 July.
Rich, F. A., Karangahake, N.Z. Bicycle driving-gear	12296	8 Jan.
Rich, F. A., Karangahake, N.Z. Recovery of gold and silver. (S. B. Christy)	12535	12 April.
Rich, F. A., Karangahake, N.Z. Velocipede driving-gear	13056	8 Oct.
Richards, A., Auckland, N.Z. Woven-wire mattress	12471	16 March.
Richards, N. P., and others, Sydney, N.S.W. Receptacle for discrete materials	13141	7 Nov.
Richardson, E., Moonee Ponds, Vic. Spark-extinguisher	12930	30 Aug.
Richardson, G. J. A., Invercargill, N.Z. Separating gold	12572	30 April.
Richardson, G. J. A., Invercargill, N.Z. Spark-extinguisher	13105	22 Oct.
Richardson, G. J. A., Invercargill, N.Z. Caster	12857	6 Aug.
Richardson, G. J. A., Invercargill, N.Z. Caster	12860	8 Aug.
Richardson, G. J. A., Invercargill, N.Z. Caster	12973	6 Sept.
Rigg, H. T., Bunbury, W.A. (See H. L. Spring, Nos. 12409, 12410.)		
Riley, J. C., and another, Dannevirke, N.Z. Stump-jack	12858	10 Aug.
Rimoldi, A. P., and another, Forbes, N.S.W. Non-refillable bottle	12575	4 May.
Ritchie, E. J., Christchurch, N.Z. Cigarette	12766	5 July.
Ritchie, G. T., Sydney, N.S.W. Destructor	12952	5 Sept.
Ritchie, J., Dunedin, N.Z. Grate and ash-pit	12512	6 April.
Ritson, G. A., Wellington, N.Z. Chimney-pot	12524	12 April.
Robb, J., Gore, N.Z. Gold-saving box and tumbler	13169	16 Nov.
Roberts, E., Dunedin, N.Z. Dredge elevator	12497	30 March.
Roberts, E., Dunedin, N.Z. Cable dummy-car gripper	13046	6 Oct.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
Robertson, D., Wellington, N.Z. Envelope	13131	2 Nov.
Robertson, G. R., Sydney, N.S.W. Fastening for hoop-irons	12385	12 Feb.
Robertson, J., Glasgow, Scotland. Furniture	13071	15 Oct.
Robertson, J., Halcombe, N.Z. Moistening adhesive surfaces	12740	28 June.
Robertson, J. W., Cromwell, N.Z. Pump	12770	7 July.
Robinson, G., Pahiatua, N.Z. Slasher	12705	21 June.
Rodgers, H. J., and another, Wellington, N.Z. Rat-trap	12584	7 May.
Rogers, J. J. R. C., Balmain, Sydney, N.S.W. Electro-magnet	13092	23 Oct.
Rose, H., and another, South Yarra, Vic. Gravity wheel	12717	22 June.
Ross, J., and another, Glasgow, Scotland. Explosives	12388	16 Feb.
Ross, W., and others, Mataura, N.Z. Gold-saving mat	12582	3 May.
Ross and Glendining (Limited), Dunedin, N.Z. Coat-adjustment. (D. Nable)	12848	4 Aug.
Rothschild, W., and others, London, Eng. Ammunition-box	13095	26 Oct.
Rothwell, C. F. S., and another, Manchester, Eng. Photographic film	13159	16 Nov.
Rouse, J. J., and another, Sydney, N.S.W. Photographic camera	12561	24 April.
Ruddenklau, J. G., Moeraki, N.Z. Turnip-cutter	13066	12 Oct.
Rugg, D., Auckland, N.Z. Spectacle-attachments	12878	13 Aug.
Rugg, D., Auckland, N.Z. Crutch for invalid	12958	3 Sept.
Russell, H. S., London, Eng. Lining casks, &c.	12925	29 Aug.
Ruud, E., Pittsburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12744.)		
Ruud, E., and another, Pittsburg, U.S.A. (See W. E. Hughes, No. 13257.)		
Sadtler, B., Denver, U.S.A. (See A. G. Clark, Nos. 12425, 12426, and 12427.)		
Sale, G. G., Dunedin, N.Z. Dredge concentrator	12565	23 April.
Sarigny, De. (See under D.)		
Sawers, J., and another, Wellington, N.Z. Governor	12344	30 Jan.
Sawers, J., and another, Wellington, N.Z. Cycle-propelling mechanism	12664	6 June.
Scammell, S., and another, North Waratah, N.S.W. Preventing the "racing" of propellers	12604	12 May.
Schmidt, W., Wilhelmshöhe, Germany. Drying and superheating wet steam	12304	13 Jan.
Schmidt, W., Wilhelmshöhe, Germany. Regulating superheated steam in compound engines	12305	13 Jan.
Schmidt, W., Wilhelmshöhe, Germany. Compound machine	12306	13 Jan.
Schütze, G., Melbourne, Vic. Travelling rug or bed	12945	3 Sept.
Scott, G. H., Palmerston North, N.Z. Cycle-tire cover. (American Dunlop Tire Company)	12609	14 May.
Scott, J., Invercargill, N.Z. Bedding, padded sleeping-wrappers, &c.	12484	22 March.
Scott, J. H., Invercargill, N.Z. Dust- and rain-excluder for doors	13268	18 Dec.
Seaman, H. J., and another, Catasauqua, U.S.A. (See Hurry and Seaman's Patents, Limited, Nos. 12381, 12382, 12383.)		
Seitz, E., Melbourne, Vic. Centrifugal-pump	12994	20 Sept.
Seligsohn, M., Denver, U.S.A. (See International Metal Extraction Company, No. 13058.)		
Seque, E., and another, Dunedin, N.Z. Drop-plate for gold-dredge	13190	19 Nov.
Seque, E., and another, Dunedin, N.Z. Dredge-bucket cleaner and gold-saver	13110	26 Oct.
Shand, A. M., and others, Queensport, Queensland. Preserving meat	12417	22 Feb.
Shaw, H., Leeston, N.Z. Fastening for horse-cover	12479	20 March.
Shaw, H., Wellington, N.Z. Knife-cleaning machine	13116	30 Oct.
Shaw, H., and another, Wellington, N.Z. Window-sash fastener	12924	29 Aug.
Shaw, S. W., New Plymouth, N.Z. Fence. (The Cyclone Woven-wire Fence Company—W. Hewitt and J. and O. Lane.)	12405	20 Feb.
Shepherd, J., Invercargill, N.Z. Pulley-block	12587	8 May.
Sheriff, A. A., Wanganui, N.Z. Batten for wire fencing	12551	18 April.
Sheriff, A. A., Wanganui, N.Z. Batten for wire fencing	12552	18 April.
Sherrin, Vaughan. (See under V.)		
Sim, W., Wallacetown, N.Z. Milk feeder and heater	12719	22 June.
Sim, W., and another, Wallacetown, N.Z. Milking-machine	12736	26 June.
Simmonds, R., Coromandel, N.Z. Candle-holder	12275	3 Jan.
Simon, J., and another, Dunedin, N.Z. Boot	13246	13 Dec.
Simon, J. P., and another, Dunedin, N.Z. Boot	13246	13 Dec.
Simpson, C., Springvale, N.Z. Garden-rake	13041	3 Oct.
Simpson, H. V., London, Eng. Treatment of wood to render it non-flammable	12291	†31 May, '99
Simpson, R. A., Wright's Bush, Southland, N.Z. Hat-pin	12399	15 Feb.
Singer, I., Taita, Wellington, N.Z. Churn	13208	3 Dec.
Skelton, R., Dublin, Ireland. Cycling-skirt	12328	†4 April, '99
Skillicorn, A., Gisborne, N.Z. Wool-press	12323	17 Jan.
Smaill, J., Dunedin, N.Z. Whippetree	12628	16 May.
Smallbone, E., Nelson, N.Z. Horse-cover	12741	29 June.
Sloan, H. R., Hawera, N.Z. Cog-wheel trap-set adjuster	13135	5 Nov.
Smart, A. K., and others, Stratford, N.Z. Milk-aerator	13087	2 Nov.
Smart, G., and another, Stratford, N.Z. Rim for milk-can lid	13111	29 Oct.
Smart, G., and another, Stratford, N.Z. Milking-bucket	13175	20 Nov.
Smart, G., and others, Stratford, N.Z. Milk-aerator	13087	2 Nov.
Smart, H., and others, Stratford, N.Z. Milk-aerator	13087	2 Nov.
Smethurst, E., Christchurch, N.Z. Fence-dropper	13128	31 Oct.
Smith, A., Onehunga, N.Z. Tips for racehorses	12408	6 Feb.
Smith, E. A., and another, Republic, Washington, U.S.A. (See E. Waters, jun., No. 12679.)		
Smith, G. E., St. Kilda, Vic. Window-fastener	12655	30 May.
Smith, G. D., and others, London, Eng. Ammunition-box	13095	26 Oct.
Smith, G. T., and another, Gloucester, Eng. Scalper, dresser, and grader for flour-mill	12493	30 March.
Smith, H., and another, South Preston, Vic. Draught-excluder for doors	13138	7 Nov.
Smith, W., and another, Auckland, N.Z. Fumigating buildings, &c.	12598	10 May.
Smith and Sons (Limited), J., and another, Bradford, Eng. Recovering grease from the wash-liquors of wool	12762	5 July.
Smyth, J. J., Suffolk, Eng. Manure-distributing machine	12805	21 July.
Smythe, J., and another, Christchurch, N.Z. Gold-saving apparatus	13005	22 Sept.
Sørensen, S. S., London, Eng. Golf-club	12573	1 May.
Spackman, H. S., and another, Philadelphia, U.S.A. (See W. E. Hughes, No. 13145.)		
Spear, F. N., Los Angeles, U.S.A. Fuel-feeder	12799	20 July.
Speight, J., Kirwee, N.Z. Still-water motor	13091	29 Oct.
Speight, J., and another, Kirwee, N.Z. Preventing marine engines from "racing"	13067	15 Oct.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
Spencer, W. E., New Plymouth, N.Z. Separating gold	13237	8 Dec.
Spiller, W. H., and another, Melbourne, Vic. Burner for Primus heating-lamp	12538	18 April.
Spink, E. A., Chicago, U.S.A. (See Spink Liquor Company, No. 13181.)		
Spink Liquor Company, Chicago, U.S.A. Treating liquors. (E. A. Spink)	13181	23 Nov.
Spiritine (Limited), Westminster, Eng. (See E. Waters, jun., No. 12886.)		
Spring, H. L., Perth, W.A. Amalgamation of ores. (H. T. Rigg)	12409	21 Feb.
Spring, H. L., Perth, W.A. Ball-cradle for crushing ores. (H. T. Rigg)	12410	21 Feb.
Stanley, C., San Francisco, U.S.A. Air-ship	13124	31 Oct.
Stevens, R., Christchurch, N.Z. Device to prevent false alarms of fire ..	13074	16 Oct.
Stewart, J., Campbelltown, N.Z. Bottle	12421	21 Feb.
Stewart, J. H., and another, Invercargill, N.Z. Milking-machine	12736	26 June.
Stirling, G., Dunedin, N.Z. Drop-plate for dredge	12483	22 March.
Stokes, W., jun., New Brighton, N.Z. Cycle-brake	12660	31 May.
Stokes, W. J. C., New Brighton, N.Z. Rocket signalling	12670	9 June.
Stoney, G. G., and others, Newcastle-on-Tyne, Eng. Ring of blades for steam-turbine ..	12495	31 March.
Stonyer, J. W., Christchurch, N.Z. Plough	12439	3 March.
Stonyer, J. W., Christchurch, N.Z. Multi-furrow plough	12638	21 May.
Storer, N. W., Allegheny, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, Nos. 12902 and 13103.)		
Storrie, A., Invercargill, N.Z. Ridge-drill	12284	4 Jan.
Storrie, A., and another, Invercargill, N.Z. Drag-point for grain-coulter	12375	6 Feb.
Story, J. W., and another, Melbourne, Vic. Rabbit-crate	12334	23 Jan.
Streeter, D. C., Halswell, N.Z. Steam-pressure regulator	12635	16 June.
Stumpf, J., Berlin, Germany. (See Fraser and Chalmers, Limited, No. 12760.)		
Sturtevant, G., and others, Auckland, N.Z. Cleaning kauri-gum	13146	8 Nov.
Sulman, H. L., and another, London, Eng. (See S. H. Johnson and Company, Limited, No. 12327.)		
Sulphides Reduction (New Process), Limited, The, London, Eng. Treating ores. (F. Ellershausen)	12467	19 March.
Sutherland, P. R., and another, Ballarat, Vic. Safety device for mining-cage. (H. Turner) ..	12840	2 Aug.
Suttie, C., Onehunga, N.Z. Crushing- or grinding-mill	12642	23 May.
Suttie, C., Onehunga, N.Z. Sole-leather-rolling machine	12643	23 May.
Suttie, W. B., Onehunga, N.Z. Legging-boot	12630	19 May.
Swanson, T. A., and another, Hartington, U.S.A. Liquid-weigher	12810	25 July.
Swinburne, J., and another, London, Eng. Treatment of sulphide ores	12282	11 July, '99
Symons, C. W., Christchurch, N.Z. Coiling and uncoiling wire	13144	5 Nov.
Tabard, G., Lyon, France. Acetylene-gas generator	12469	19 March.
Tait, A. L. J., Richmond, Vic. Clothes-peg	13037	2 Oct.
Taite-Howard Pneumatic Tool Company (Limited), The New. (See under New.)		
Talbot, A. F., Christchurch, N.Z. Contrivance for securing shelving in position	12322	17 Jan.
Taucher, J., Lower Hutt, N.Z. Leg-holder for cows	12959	7 Sept.
Taylor, C. H., Montreal, Canada. Rotary engine	12371	8 Feb.
Taylor, F. C., New York, U.S.A. Colour-printing process	12818	27 July.
Taylor, J. H., and another, Auckland, N.Z. Collar-stud grip	13226	8 Dec.
Taylor, W., Ballarat, Vic. (See W. P. Bice and A. H. Guthridge, 12913.)		
Taylor, W., and another, Invercargill, N.Z. Rabbit-trap fastener	12756	3 July.
Taylor, W., and another, Invercargill, N.Z. Gold-saving appliance	12713	22 June.
Taylor, W. O., Princeton, Canada. Rotary engine. (E. B. Tree)	12948	4 Sept.
Temple, G. T., and others, London, Eng. Bottle	12491	30 March.
Tennant, J., Oroua Bridge, N.Z. Flax-stripper chair	12413	22 Feb.
Thomas, J., and another, Sydney, N.S.W. Computing-machine	12871	14 Aug.
Thomas, P. H., Pittsburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, Nos. 13101 and 13112.)		
Thomas, V., Paris, France. Filament for electric incandescence lamp	12768	6 July.
Thompson, A. F., Hunter's Hill, N.S.W. Mail-bag buckle	13073	17 Oct.
Thompson, A. G., North Brighton, Vic. Harness saddle	13081	16 Oct.
Thomson, D., Winton, N.Z. Wire-tightener	12627	16 May.
Thomson, E., Brisbane, Queensland. Horse-collar	12278	4 Jan.
Thomson, H., Armadale, Vic. Motor-car	12615	14 May.
Thomson, J., Invercargill, N.Z. Saving gold	12816	23 July.
Thornton, J. E., Altrincham, Eng. Photographic film	13159	16 Nov.
Thurlow, N., Newark, U.S.A. (See Ampère Electro Chemical Company, No. 13192.)		
Thurlow, W., Kaiapoi, N.Z. Joining backs of boot-uppers	12965	8 Sept.
Tierney, T. F., New York, U.S.A. Churn	12707	22 June.
Tilley, W. G., Wanganui, N.Z. Ruling-machine	13109	25 Oct.
Tindill, A., Blenheim, N.Z. Heel-pad. (G. Wood)	12894	20 Aug.
Tingley, E. M., Pittsburg, U.S.A. (See W. E. Hughes, No. 12396.)		
Todd, W., Sydney, N.S.W. Sheep-dip powder	12460	16 March.
Toft, E., and another, London, Eng. Saddle	12279	4 Jan.
Tomline, R., and others, Christchurch, N.Z. Branding-apparatus	13150	10 Nov.
Toms, E., Wellington, N.Z. Cow	12380	15 Feb.
Toms, E., and another, Palmerston North, N.Z. Acetylene-generator	13267	21 Feb., '01
Topliss, C., Addington, N.Z. Butter-working machine	12893	17 Aug.
Townsend, G. A. F., Masterton, N.Z. Legging	12778	12 July.
Townshend, G. F., Devonport, Auckland, N.Z. Saucer	12530	9 April.
Townshend, N., Leeston, N.Z. Smoothing-iron	13107	24 Oct.
Trefle, C. B., Temora, N.S.W. Equaliser for yoking any number of horses	12667	8 June.
Trefle, C. B., Temora, N.S.W. Equaliser for yoking six or three horses	12668	8 June.
Tree, E. B., Woodstock, Canada. (See W. O. Taylor, No. 12948.)		
Trembath, W., and others, Gore, N.Z. Gold-saving appliance	12739	27 June.
Trevor, S. C. R., Mangawhare, N.Z. Extracting spirits and oil from kauri refuse	12647	23 May.
Trevurza, S., Ashburton, N.Z. Self-acting skeith	13238	13 Dec.
Treweek, F., Whenuakura, N.Z. Rat-trap	13011	24 Sept.
Treweek, F., and another, Whenuakura, N.Z. Preparation for preventing iron-rust	12363	3 Feb.
Tripe, J. D., Wanganui, N.Z. Window-sash fastener	12764	2 July.
Trommlitz, G. W., and another, Denver, U.S.A. (See Trommlitz Vote-register Company, No. 12591.)		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Trommlitz Vote-register Company, The, Denver, U.S.A. Voting-machine. (G. W. Trommlitz and W. H. Powers)	12591	10 May.
Tropenas, A., Paris, France. Manufacture of steel	13063	12 Oct.
Tropenas, A., Paris, France. Manufacture of steel	12429	1 March.
Trotter, C. A., Opunake, N.Z. Ascertaining distances	13042	5 Oct.
Trotter, C. A., Opunake, N.Z. Cramp	12916	23 Aug.
Tuck, G. E. T., Auckland, N.Z. Hoisting-gear	12874	16 Aug.
Tucker, F. H., Invercargill, N.Z. Brush for wetting paper	12784	9 July.
Tunnichiffe, H. S., and another, Nelson, N.Z. Tire	13147	8 Nov.
Turland, J. H., and others, Young, N.S.W. Harvesting-machine	13070	15 Oct.
Turnbull, R., Wellington, N.Z. Conveying electrical energy to dredges.	13113	29 Oct.
Turner, E. E., and another, Sydney, N.S.W., and Melbourne, Vic. Tobacco-cutting machine. (H. Jones)	12384	15 Feb.
Turner, H., Blackwood, Vic. (See J. B. Cameron and P. R. Sutherland, No. 12840.)		
Turri, G. G., Melbourne, Vic. Flexible-rim wheel. (E. Olund and P. J. Cæsar)	12780	12 July.
Twidle, A., Whangarei, N.Z. Sheet-metal shears	13035	2 Oct.
Tyberg, O., and others, New York, U.S.A. (See American Cigar Machinery Company, No. 12763.)		
Tychsen, E. A., Oruawharo, N.Z. Cycle-driving mechanism	12515	6 April.
Tyree, W., Sydney, N.S.W. Acetylene-generator	13008	24 Sept.
Tyree, W., Sydney, N.S.W. Acetylene-lamp	13009	24 Sept.
Tyrrell, J., jun., Queenstown, N.Z. Gold-saving ripples	13090	20 Oct.
Tyrrell, J., jun., and another, Queenstown, N.Z. Spark-extinguisher	12859	7 Aug.
United Shoe Machinery Company, Paterson, U.S.A. Stitch-forming and finishing machine. (E. F. Mower and P. A. Coupal)	12372	8 Feb.
United Shoe Machinery Company, Paterson, U.S.A. Pulling-over machine. (R. F. McFeely)	12790	17 July.
United Shoe Machinery Company, Paterson, U.S.A. Lasting-machine. (S. W. Ladd)	12791	17 July.
United Shoe Machinery Company, Paterson, U.S.A. Boot and fastening. (L. A. Casgrain)	12837	2 Aug.
United Shoe Machinery Company, Paterson, U.S.A. Machine for forming screw-threaded wire. (G. Goddu)	12947	4 Sept.
Universal Fuel Company, Chicago, U.S.A. Making coke. (J. Hemingway)	12280	4 Jan.
Valentine, T., and others, Auckland, N.Z. Gas-generator	13153	8 Nov.
Van Laak, L., and others, San Francisco, U.S.A. Manufacture of brooms from N.Z. flax	13030	27 Sept.
Vaughan-Sherrin, J., Westminster, Eng. Manufacture of varnish, &c.	12326	20 Jan.
Venables, W. J., Christchurch, N.Z. Bicycle-muff	12564	24 April.
Verey, W. A., Oamaru, N.Z. Railway-road lever	12449	6 March.
Victor Motor Company (Limited), Sydney, N.S.W. Igniter for gas-engine. (G. Ely)	12914	23 Aug.
Vincent, A., Normanby, N.Z. Ointment	13054	11 Oct.
Vine, H. G., Wanganui, N.Z. Cash-book	12962	7 Sept.
Vivian, T., Auckland, N.Z. Means for keeping salt in powdered state	12403	20 Feb.
Voelker, W. L., London, Eng. Incandescing electric lamp	12832	2 Aug.
Voelker, W. L., London, Eng. Incandescing electric-lamp filament	12833	2 Aug.
Voelker, W. L., London, Eng. Incandescing electric-lamp filament	12922	29 Aug.
Wales, R., and another, Dunedin, N.Z. Rope-coupling	13215	4 Dec.
Wales, R., and another, Invercargill, N.Z. Shirt, and means of securing cuffs and collars thereto	12473	20 March.
Wales, R., and another, Invercargill, N.Z. Fastener for shirt-collar	12474	20 March
Wales, R., and another, Invercargill, N.Z. Securing shirt collars, cuffs, &c.	12504	4 April.
Walker, H. R., New Brighton, N.Z. Operating semaphores	12862	11 Aug.
Walker, H. R., New Brighton, N.Z. Coupling-gear	12975	12 Sept.
Walker, H. R., New Brighton, N.Z. Spark-arrester	12976	12 Sept.
Walker, J. H., Charters Towers, Queensland. Syringe and reservoir	12838	2 Aug.
Walsh, T., Kuri Bush, N.Z. Toothache cure	12692	19 June.
Walton, H., and others, Maitauro, N.Z. Gold-saving mat	12582	3 May.
Ward, A., and another, New York, U.S.A. Amalgamating-machine	12665	6 June.
Ward, C. H., Melbourne, Vic. Treating ores	12901	22 Aug.
Ward, H., Camberwell, Vic. Door-closing mechanism	12416	22 Feb.
Ward, J., Invercargill, N.Z. Tobacco-pipe	13106	23 Oct.
Waschatz, O., Richmond, Vic. Coffin	12300	11 Jan.
Waterman, C. H., Pompton Plains, U.S.A. Process of enamelling	12325	20 Jan.
Waters, E., jun., Melbourne, Vic. Steam-engine. (B. Ljungstrom)	12478	21 March.
Waters, E., jun., Melbourne, Vic. Extracting precious metals from their ores. (Illinois Reduction Company—E. A. Smith and M. H. Lyng)	12679	13 June.
Waters, E., jun., Melbourne, Vic. Tanning and treating hides and skins. (R. Combret)	12680	13 June.
Waters, E., jun., Melbourne, Vic. Acetylene-generator. (A. Hutton and E. W. Lancaster)	12725	22 June.
Waters, E., jun., Melbourne, Vic. Treating sulphides. (A. Germot)	12789	16 July.
Waters, E., jun., Melbourne, Vic. Fuel for spirit-stove. (Spirittine, Limited—B. Hoffman)	12886	17 Aug.
Waters, E., jun., Melbourne, Vic. Railway-switch and semaphore apparatus. (F. L. Dodgson)	13182	23 Nov.
Waters, E., jun., Melbourne, Vic. Linotype machine. (Linotype Company, Limited—W. H. Lock, P. C. Lawless, F. C. Dolby, R. C. Elliott, and C. Holliswell)	13263	20 Dec.
Waters, E., jun., Melbourne, Vic. Mould for linotype machine. (Linotype Company, Limited—I. Hall)	13264	20 Dec.
Waters, E., jun., Melbourne, Vic. Matrices for linotype machine. (Linotype Company, Limited—W. H. Lock, M. Barr, W. J. Lewis, and G. W. Hughes)	13265	20 Dec.
Watkins, J. E., Tinwald, Canterbury, N.Z. Crane and friction-hoist for traction-engine	12888	18 Aug.
Watson, G. A., Invercargill, N.Z. Tin-opener	12921	24 Aug.
Watson, G. A., Invercargill, N.Z. Securing tops, &c., to tins	12943	30 Aug.
Watson, G. A., Invercargill, N.Z. Ventilating ridge-capping	12929	28 Aug.
Watt, J. B. C., Maitauro, N.Z. Separating gold	12678	8 June
Watts, B. E., Wellington, N.Z. Displaying photos	12366	5 Feb.
Wearn, J. S., and another, Addington, Canterbury, N.Z. Candle shade and reflector	12769	7 July.
Webb, A. J., Healesville, Vic. Label	12710	22 June.
Webendorfer, C. P., Sydney, N.S.W. Breach-loading small-arm. (N. Pieper)	13166	15 Nov.
Webster, G., Parramatta, N.S.W. Extracting gold	12313	18 Jan.
Weir, G., Adelaide, S.A. Ore-dressing machine	12935	31 Aug.
Welsby, J., and another, Wellington, N.Z. Lead-heading nails	12811	25 July.
Welsby, J., and another, Wellington, N.Z. Water-closet siphon	13015	27 Sept.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Name, Residence, and Invention.	No.	Date.
Wery, W., Bendigo, Vic. Steam-engine	13167	16 Nov.
Wesley, C., Greymouth, N.Z. Preventing wearing of dredge-buckets	12991	17 Sept.
Wesley, J. A. B., Gawler, S.A. Concentrating-table	12993	20 Sept.
Westinghouse, G., Pittsburg, U.S.A. Draught appliances and couplings for railroad-cars	12656	30 May.
Whatman, H. M., and another, Cheviot, N.Z. Plough-share	13029	1 Oct.
Wheeldon, I., Melbourne, Vic. Rifle. (W. Fell)	12539	19 April.
Wheeler, C. L., Christchurch, N.Z. Reducing wheat to flour	12844	2 Aug.
White, C. P., Morvi, Bombay, India. Coupling-gear	12815	26 July.
Whiting, A. E., Hexham, Vic. Leg-ropes for cows	12978	14 Sept.
Whitmore, E. H., and another, Invercargill, N.Z. Filtering water	12404	20 Feb.
Wiggins, W., Wellington, N.Z. Leggings	12617	14 May.
Wildbore, C. E., and another, Pohangina, N.Z. Device for feeding pigs with liquid food	12826	1 Aug.
Wildbore, F. L., Taonui, N.Z. Locking bicycles	12750	2 July.
Wildbore, F. L., and another, Pohangina, N.Z. Device for feeding pigs with liquid food	12826	1 Aug.
Wilding, J. A., and others, London, Eng. Ammunition-box	13095	26 Oct.
Wilkinson, H., and another, Auckland, N.Z. Converting nightsoil into manure	13148	6 Nov.
Wilkinson, W., and another, Auckland, N.Z. Converting nightsoil into manure	13148	6 Nov.
Willet, J. W., and another, Invercargill, N.Z. Spark-ex-inguisher	13032	3 Oct.
Williams, A., Fitzroy, Vic. Boot or shoe	13048	8 Oct.
Williams, A., Wellington, N.Z. Means for preventing horses from bolting	12992	18 Sept.
Williamson, J., Dunedin, N.Z. Drift-diverting attachment for dredge-buckets	12499	29 March.
Willison, J., Derby, Eng. Railway couplers and buffers	13212	5 Dec.
Wilson, D., Maitara, N.Z. Keeping weeds clear of suction-pipes of dredges	12684	12 June.
Wilson, H. A., Sydney, N.S.W. Wire-strainer	13743	29 June.
Wilson, R. A., Bulls, N.Z. Grass-seed-cleaning machine	12332	23 Jan.
Wilson, R. D., Christchurch, N.Z. Fowl-feeder	12758	3 July.
Wilson, W. H., Bulls, N.Z. Fencing-standard	12648	29 May.
Winter, F., and another, Auckland, N.Z. Water-bicycle	13136	3 Nov.
Wise, R., Waikouaiti, N.Z. Wire-strainer	12847	7 Sept.
Wood, F. P., Auckland, N.Z. Tire	12876	13 Aug.
Wood, F. P., Auckland, N.Z. Shield for tire	12877	13 Aug.
Wood, G., Burnley, Eng. (See A. Tindill, No. 12894.)		
Wood, W., Dunedin, N.Z. Hair-pin	12420	24 Feb.
Woodbury, G. E., San Francisco, U.S.A. Ore concentrating machine	12772	9 July.
Woodhead, J., Brisbane, Queensland. Cramp	13143	7 Nov.
Woods, P., Kawakawa, N.Z. Convertible saddle	12981	13 Sept.
Woods, P., Kawakawa, N.Z. Riding-saddle	12637	23 May.
Wright, G., and another, Wilksburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 13100.)		
Wright, J., and another, Mosgiel, N.Z. Branding carcasses	12402	19 Feb.
Wrigley, F. H., Opaki, N.Z. Lifting-jack	12288	8 Jan.
Wurts, A. J., Pittsburg, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, No. 12560.)		
Wurts, A. J., Pittsburg, U.S.A. System of lighting by Nernst lamps	12908	23 Aug.
Wurts, A. J., and others, Pittsburg, U.S.A. Starting-apparatus and cut-out for Nernst lamp	12909	23 Aug.
Wurts, A. J., and another Pittsburg, U.S.A. Terminal connection and support for Nernst lamp	12910	23 Aug.
Wurts, A. J., and others, Pittsburg, U.S.A. Nernst lamp	12911	23 Aug.
Wylds, A. H., and others, Palmerston North, N.Z. Hoist	12486	27 March.
Wylie, J., Maheno, Otago, N.Z. Bag-ring for chaff cutting and bagging machine	12528	12 April.
Yager, A., Sydney, N.S.W. Whippetree	12883	17 Aug.
Young, C. I., Philadelphia, U.S.A. (See British Westinghouse Electric and Manufacturing Company, Limited, Nos. 12903 and 13018.)		
Young, D. J., Patea, N.Z. Shower-bath	13130	2 Nov.
Young, P., and another, Lawrence, N.Z. Dredge-shoot cleaner	12534	11 April.
Young, P., and another, Lawrence, N.Z. Dredge-shoot cleaner	12843	3 Aug.
Young, P. C. K., Lawrence, N.Z. Raising water	12302	11 Jan.
Young, P. K., and others, Maitara, N.Z. Envelope-opener	12960	7 Sept.
Young, R., and another, Dunedin, N.Z. Temperature-indicator	12316	18 Jan.
Young, W. B., Fortrose, N.Z. Wire-strainer	13199	26 Nov.
Ziele, H. L., Christchurch, N.Z. Advertising-bracket	12997	18 Sept.

ALPHABETICAL LIST OF TITLES OF INVENTIONS FOR WHICH LETTERS PATENT HAVE BEEN APPLIED DURING THE YEAR 1900.

[† Denotes a prior date under section 106 of "The Patents, Designs, and Trade-marks Act, 1889."]

Invention, and Name of Inventor.	No.	Date.
Abdominal belt. D. Jensen	12400	16 Feb.
Acetylene-generator. W. Bradley	13123	31 Oct.
Acetylene-generator. C. J. Cooze	12377	12 Feb.
Acetylene-generator. J. Dempster	12904	21 Aug.
Acetylene-generator. A. G. Jackson, C. D. Ferguson, and E. G. Abell	13119	31 Oct.
Acetylene-generator. H. J. Jones and J. Baker	13187	23 Nov.
Acetylene-generator. D. McDonald	13038	4 Oct.
Acetylene-generator. A. C. Pocock and E. Toms	13267	21 Feb., '01
Acetylene-generator. J. Ramage	12554	20 April.
Acetylene-generator. G. Tabard	12469	19 March.
Acetylene-generator. W. Tyree	13008	24 Sept.
Acetylene-generator. E. Waters, jun.	12725	22 June.
Acetylene-lamp. W. Tyree	13009	24 Sept.
Adhesive surface moistener. J. Robertson	12740	28 June.
Advertising-apparatus. J. Daniels	13222	3 Dec.
Advertising-bracket. H. L. Ziele	12997	18 Sept.
Advertising-candle. W. J. MacLean	13001	18 Sept.
Advertising-envelope. R. F. Hobson	12845	2 Aug.
Aerator. (See Milk-aerator.)		
Aerial machine. A. H. Byron and A. R. Baird	13210	4 Dec.
Aerial machine. N. R. Gordon	12966	12 Sept.
Air-and-gas mixer. J. Coates	12401	20 Feb.
Air-compressor. W. J. Linton	13062	12 Oct.
Air, Means for detecting abnormal conditions of. M. W. Maylard	13186	23 Nov.
Air-ship. C. Stanley	13124	31 Oct.
Alarm. (See Fire-alarm, Railway-crossing alarm.)		
Alimentary substances, Preservation of. L. L. Carpentier	12476	19 March.
Altitude-calculator. C. A. Trotter	13042	5 Oct.
Aluminium, Soldering. H. Lange	12995	20 Sept.
Amalgamation of ores, Filter-. H. L. Spring	12409	21 Feb.
Amalgamator. W. Adams	13079	15 Oct.
Amalgamator. A. M. Ernsberger and A. Ward	12665	6 June.
Amalgamator. T. R. Jordan	13194	28 Nov.
Amalgamator. J. Morgan	13216	29 Nov.
Ammunition-box. W. Rothschild, G. D. Smith, and J. A. Wilding	13095	26 Oct.
Antifouling composition. T. S. Mullay	13171	16 Nov.
Antimony-ores, Treating. T. N. Beavan	12723	22 June.
Apparel, Infants'. E. Higgins	12594	9 May.
Apple-core extractor. G. E. Adlard	12569	25 April.
Arrester. (See Lightning-arrester, Spark-arrester, Spark-extinguisher, Spark-stopper.)		
Arsenic ores, Treating. T. N. Beavan	12723	22 June.
Artesian well, Apparatus for sinking. J. Osborne	13173	15 Nov.
Artesian-well-sinking method. J. Osborne	12704	19 June.
Artificial limb. H. Pinny	12532	10 April.
Ashpit and grate. J. Ritchie	12512	6 April.
Atmosphere, Detecting abnormal conditions of. M. W. Maylard	13186	23 Nov.
Auriferous wash, Treating. D. Marks	13039	4 Oct.
Axle-box fastening. W. C. Page	12824	31 July.
Axle, Oil-cap for. C. Y. Dally	12661	2 June.
Bag-ring for chaff cutter and bagger. J. Wylie	12528	12 April.
Bale-fastening. G. R. Robertson	12385	12 Feb.
Ball-cock. W. Andrews	12757	3 July.
Ballast-resistance and cut-out for lamp. H. N. Potter	12907	23 Aug.
Ballot-box. H. Droutledge	13002	18 Sept.
Bandolier. F. G. Hughes	13060	12 Oct.
Barnacle-removing appliance. M. L. Moorhouse, H. J. Dyson, and J. Crane	13249	13 Dec.
Barrels, &c., Lining. H. S. Russell	12925	29 Aug.
Bath. (See Shower-bath.)		
Bath-heater. A. Petersen and C. L. Godfrey	12683	12 June.
Bath-tub. D. A. Owen	12521	19 April.
Batten. (See Fencing-batten.)		
Battery, Gold-saving. E. K. Cooper	12963	8 Sept.
Bearing and shaft for dredge-tumblers. P. Ellis	12951	2 Aug.
Bed. G. Schütze	12945	3 Sept.
Bedding for invalids. J. Scott	12484	22 March.
Belt. (See Abdominal belt, Cartridge-belt.)		
Bench and saw combination. C. Y. Dally	12850	27 Aug.
Bicycle-brake. W. B. Govett	13118	31 Oct.
Bicycle-chain guard. J. A. P. Philp	12441	1 March.
Bicycle-driving gear. F. A. Rich	12296	8 Jan.
Bicycle-locking device. F. L. Wildbore	12750	2 July.
Bicycle-muff. W. J. Venables	12564	24 April.
Bicycle-support. W. H. Evans	12522	10 April.
Bicycles. (See also Cycle, Tire, Velocipede, Water-bicycle.)		
Billhook. G. Robinson	12705	21 June.
Billiard-cushion. H. A. Purser	12488	27 March.
Billiard-cushion. H. Ranish	12812	25 July.
Billiard-table flat-iron. F. W. Cullimore	12765	6 July.
Bin. (See Refuse-bin.)		
Bit. (See Bridle-bit.)		
Blade. (See Hoe-blade.)		
Blight-destroyer. E. O. Blackwell	12333	23 Jan.
Blind, Venetian. W. C. Gee	12513	6 April.
Block. (See Brake-block, Pulley-block, Snatch-block.)		

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Boiler, Draught-increaser for. J. McCreath	12517	10 April.
Boiler-flange. R. Lochhead	12450	5 March.
Boiler. (See also Cooking-range boiler, Washing-boiler.)		
Book. C. L. Benedict	12391	16 Feb.
Book holder and carrier. A. G. Ockenden	13221	3 Dec.
Book. (See also Cash-book.)		
Book-leaf. J. T. Moate	12880	17 Aug.
Boot. G. A. Coles	12702	16 June.
Boot. J. J. Daily	13230	20 Dec.
Boot. J. P. and J. Simon	13246	13 Dec.
Boot. W. B. Suttie	12630	19 May.
Boot and fastening. United Shoe Machinery Company	12837	2 Aug.
Boot- and shoe-sewing machine. H. Marshall	12964	11 Sept.
Boot-cleaner. J. Foster	12509	5 April.
Boot, Extension. A. de C. Gynneth	12292	10 Jan.
Boot-fastener. R. Ireland	12412	21 Feb.
Boot-heel connecting attachment. P. H. Kirby	12807	23 July.
Bootmaker's tool. G. Lawler	12951	5 Sept.
Boot or shoe. A. Williams	13048	8 Oct.
Boot-protector. H. Devoy	13085	19 Oct.
Boot pulling-over machine. United Shoe Machinery Company	12790	17 July.
Boot-sole plate. N. Bidstrup, J. Marchbank, and J. Noble	12944	3 Sept.
Boot-uppers, Joining backs of. W. Thurlow	12965	8 Sept.
Boring-tool hoisting-gear. G. E. T. Tuck	12874	16 Aug.
Bot-fly destroyer. J. Dashwood	13206	1 Dec.
Bot-fly lotion. A. J. Knocks	13157	15 Nov.
Bottle. T. E. Lane, G. T. Temple, and J. McRae	12491	30 March.
Bottle-holder. G. P. Innes	12652	30 May.
Bottle-labelling apparatus. I. Harrison	12767	7 July.
Bottle, Non-refillable. A. P. Rimoldi and J. D. Rand	12575	4 May.
Bottle, Non-refillable. C. J. Cooze and D. L. Hollings	12650	29 May.
Bottle, Non-refillable. J. Stewart	12421	21 Feb.
Box. (See Ammunition-box, Axle-box, Ballot-box, Crate, Electric-switch box, Fire alarm box, Gold-saving box, Horse-box, Metal box, Mortar-box, Sluice-box, Stuffing-box.)		
Bracket. H. L. Ziele	12997	18 Sept.
Bracket. J. Mead, sen.	12931	28 Aug.
Bracket. (See also Spouting-bracket, Wall-bracket.)		
Bracket-fastener. G. Allen	12636	23 May.
Brake. (See Bicycle-brake, Cycle-brake, Electric brake, Propeller-brake, Railway-brake.)		
Brake-block. H. Fischer	12708	22 June.
Brake-strap. T. Firth	12354	1 Feb.
Brand. W. Dall	12658	29 May.
Branding. G. Allen	12442	6 March.
Branding. W. H. Boyens	12579	5 May.
Branding. J. Wright and J. W. Mitchell	12402	19 Feb.
Branding-apparatus. A. J. Cuming	12362	16 Feb.
Branding appliance. G. Renner and W. H. Boyens	12287	8 Jan.
Branding-fluid. W. A. Ellis	12621	16 May.
Branding-instrument. J. A. Dewhirst	12411	21 Feb.
Branding-mixture. G. Renner and W. H. Boyens	12236	8 Jan.
Branding-, stamping-, and embossing-apparatus. O. B. Moller, R. Tomline, and W. C. Greig	13150	10 Nov.
Branding. (See also Marking.)		
Breeching-staple and swingletree-end. J. Hair	12955	3 Sept.
Breach-loading small-arm. C. P. Webendorfer	13166	15 Nov.
Brick. J. W. Buddle	12583	4 May.
Brick. R. E. Nightingale	13231	8 Dec.
Brick. R. E. Nightingale	12506	4 April.
Bricks, Manufacturing. J. Graham	13176	21 Nov.
Bridge. F. Lambert	13217	4 Dec.
Bridle. A. T. Hausmann	12578	4 May.
Bridle-bit. T. B. Crump and A. T. Hausmann	12809	24 July.
Brooms. (See Brushes.)		
Brush. F. H. Tucker	12784	9 July.
Brush-moistener. F. V. Raymond	13045	5 Oct.
Brushes, Manufacturing, from flax. L. Van Laak, H. Craig, and W. S. Laurie	13030	27 Sept.
Bucket. (See Dredge-bucket, Milking-bucket, Slop-bucket.)		
Bucket cleaner, Dredge. E. Seque and A. E. Raper	13110	26 Oct.
Bucket-frame. D. C. Kee	12771	7 July.
Bucket-support. W. J. Muir	12424	28 Feb.
Buckle. J. McKinnon	12489	28 March.
Buckle. W. Morice	12802	19 July.
Buckle. (See also Sealing-buckle.)		
Buffer. (See Railway buffer, Railway coupler and buffer.)		
Buggy-seat. E. R. Atkin	12682	11 June.
Building-construction. J. C. Pelton and L. E. Mosher	12709	22 June.
Building-cooling composition. M. Davies	13200	28 Nov.
Building-pile. R. O. Clarke, jun.	12336	24 Jan.
Bunk-tray. B. M. Holt	12839	20 Aug.
Burner. A. C. Aucher	13241	13 Dec.
Burner. F. W. Braun	12614	14 May.
Burner. W. E. Hughes	13247	13 Dec.
Burner. L. C. Nielsen	12753	2 July.
Burner. W. T. Pearce and W. H. Spiller	12538	18 April.
Burner, Lamp-. H. S. Chipman	12752	2 July.
Burrer. (See Wool-burrer.)		
Butter, Appliance for sprinkling salt on. J. Anderson	13214	1 Dec.
Butter-cooler. E. E. Earle	12341	23 Jan.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Butter-mould. R. C. Humphreys	12737	27 June.
Butter-presser. W. Gow	12543	20 April.
Butter-working machine. C. Topliss	12898	17 Aug.
Cable. (See Electric cable.)		
Cable-car gripper. E. Roberts	13046	6 Oct.
Cable-way tension-maintainer. E. Maxwell	12718	22 June.
Cage. (See Mining-cage.)		
Calculating altitudes. C. A. Trotter	13042	5 Oct.
Calculating and indicating apparatus for totalisator. H. Reynolds	13180	20 Nov.
Calf-food. J. B. Mack	12984	14 Sept.
Camera. J. Gaut	12355	1 Feb.
Camera. J. Gaut	12520	11 April.
Camera. J. Gaut	13158	15 Nov.
Camera. J. Gaut and J. J. Rouse	12561	24 April.
Camera. L. W. Mence	13137	5 Nov.
Camphor, Producing. Ampère Electro-Chemical Company	13192	28 Nov.
Can. H. August	12605	10 May.
Can. C. F. Mendham	13010	24 Sept.
Can. (See also Box, Milk-can, Preserving-can.)		
Can-lid. E. R. Godward	12338	25 Jan.
Can-lid rim. G. Smart and R. W. Ashcroft	13111	29 Oct.
Cans of food, Cooling and rinsing. F. W. Bright	13094	26 Oct.
Candle, Advertising. W. J. MacLean	13001	18 Sept.
Candle-extinguisher. H. Rabe and T. Hawes	12597	9 May.
Candle-holder. W. H. Boyens	12285	8 Jan.
Candle-holder. W. Dall	12846	1 Aug.
Candle-holder. J. McCombie and A. E. Macindoe	13151	8 Nov.
Candle-holder. R. Simmonds	12275	3 Jan.
Candle shade and reflector. J. S. Wearn and T. E. Cutler	12769	7 July.
Candlestick. D. Baillie	13038	4 Oct.
Candlestick. F. W. Peddle	13117	31 Oct.
Candlestick. W. Pinches	12983	13 Sept.
Cap. (See Oil-cap.)		
Cap-fastener and fuse-cutter. J. McCombie and A. E. Macindoe	13152	8 Nov.
Capping. (See Ridge-capping.)		
Car. (See Cable-car, Motor-car.)		
Carbine, Wire-cutter for. W. Hall	12419	20 Feb.
Carburetter. W. T. Purves	12745	29 June.
Car-coupling. A. G. Blackwell	12462	16 March.
Car-coupling. Darling's Patent Automatic Coupling (Limited)	12389	16 Feb.
Car-coupling. A. E. Mills	12461	16 March.
Carriage-truck. (See Railway-carriage truck.)		
Cart. (See Garbage-cart, Street-watering cart.)		
Cart-jack. W. Lisle	13013	24 Sept.
Cartridge-belt. F. G. Hughes	13060	12 Oct.
Carving-machine. H. Maries and G. W. Butt	12577	4 May.
Case. (See Packing-case.)		
Case-hooping instrument. J. Dawson and G. Hughan	12586	7 May.
Cash-book. H. G. Vine	12962	7 Sept.
Cash-register. J. Perrott	12779	12 July.
Cash register and indicator. G. Andrew and T. R. Ashworth	13069	15 Oct.
Casks, Lining. H. S. Russell	12925	29 Aug.
Caster. P. E. Cheal	12593	8 May.
Caster. A. L. Cummings	12433	28 Feb.
Caster. A. L. Cummings	12687	16 June.
Caster. G. J. A. Richardson	12857	6 Aug.
Caster. G. J. A. Richardson	12860	8 Aug.
Caster. G. J. A. Richardson	12973	6 Sept.
Castings. G. J. Hoskins	13251	11 Dec.
Castings, Manufacture of steel. A. Tropenas	13063	12 Oct.
Castrator, tailer, and ear-marker. T. W. Allen	12556	18 April.
Catch, Window-sash. W. E. Hunter	12855	10 Aug.
Cattle-medicine. A. J. Knocks	12776	11 July.
Caulking machine, Pipe-joint. J. Couston and J. Finlayson	12603	12 May.
Cement, Manufacture of. W. E. Hughes	13145	8 Nov.
Cement, Manufacture of. Hurry and Seaman's Patents (Limited)	12331	15 Feb.
Cement, Manufacture of. Hurry and Seaman's Patents (Limited)	12332	15 Feb.
Centrifugal machine, Liner for. M. Dessau	13049	8 Oct.
Centrifugal pump. E. Seitz	12994	20 Sept.
Centrifugal separator. O. Ohlsson	12351	31 Jan.
Cess-pan. W. Healey	12438	28 Feb.
Cess-pit scoop. T. and C. E. Finch	12503	4 April.
Chaff cutter. W. Andrews and A. W. Beaven	12523	10 April.
Chaff-cutter bag-ring. J. Wylie	12528	12 April.
Chain-guard, Cycle. J. A. P. Philp	12441	1 March.
Chair. T. M. Bryant	12706	29 June.
Chair. T. W. Coulthard	12432	28 Feb.
Chair: O. Peat	13031	27 Sept.
Chair head-rest. H. Marshall	12715	22 June.
Charcoal. J. D. P. Morgan	12558	24 April.
Charcoal, Obtaining, from kauri. J. H. Henrikson	12505	4 April.
Charcoal, Obtaining, from kauri. J. H. Henrikson	12974	21 July.
Chart-blank. W. H. Goodwin	12370	8 Feb.
Chart-drawing instrument. E. N. Moyer	12374	8 Feb.
Check. (See Time-check.)		
Cheese-case wire-strainer. H. Campbell	12423	27 Feb.
Chimney-cowl. E. Toms	12380	15 Feb.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Invention.	No.	Date.
Chimney-pot. G. A. Ritson	12524	12 April.
Chimney-top. F. C. Griffiths	12775	7 July.
Chimney-top. G. McCaul	12607	12 May.
Churn. S. P. A. Anderson	12754	2 July.
Churn. W. F. Pellew and W. McConchie	12345	27 Jan.
Churn. I. Singer	13208	3 Dec.
Churn. T. F. Tierney	12707	22 June.
Cigar-machine. American Cigar Machinery Company	12763	5 July.
Cigarette. E. J. Ritchie	12766	5 July.
Cigarette-machine. N. Du Brul	12590	10 May.
Cigarette-tips, Applying. J. S. Beeman	13276	28 Dec.
Cistern-valve. R. Garnham	12755	3 July.
Clay-moulding apparatus. C. J. Kielberg	12793	16 July.
Cleaner. (See Boot-cleaner, Dredge-shoot cleaner, Fork-cleaner, Knife-cleaner, Ship-cleaner, Tram-rail cleaner, Watercourse-cleaner, Water-race cleaner.)		
Cliche or stamp, Celluloid. D. Lichtenberg-Madsen	12390	16 Feb.
Clip. (See Rope-clip, Rope-coupling.)		
Clipper. (See Horse-clipper.)		
Closet. (See Water-closet.)		
Closet-seat cover. F. J. Olsen	12430	1 March.
Cloth-damping apparatus and composition. F. Broad	12979	13 Sept.
Clothes-line grip. C. Dixon	12685	15 June.
Clothes-peg. H. Reisler	12939	29 Aug.
Clothes-peg. A. L. J. Tait	13037	2 Oct.
Clothes-rack. W. Lanham	13052	8 Oct.
Clothes strainer. A. Adams	12861	11 Aug.
Clothes-washer. R. A. C. Kerry	12759	2 July.
Clothes-washing appliance. J. Hay	12860	2 Feb.
Clothes-washing machine. C. J. Cooze	13082	19 Oct.
Clothes-wringer. S. Boyle	12294	8 Jan.
Club. (See Golf-club.)		
Clump-sole. A. H. Hartrick	13098	26 Oct.
Coat-adjustment. R. Glendining	12502	3 April.
Coat-adjustment. Ross and Glendining (Limited)	12848	4 Aug.
Cock, Ball. W. Andrews	12757	3 July.
Cock or faucet. C. M. Cruickshank	13191	28 Nov.
Coffin. O. Waschatz	12800	11 Jan.
Coil for electrical machine. British Westinghouse Electric and Manufacturing Company (Limited)	13168	16 Nov.
Coiler, Wire-netting. A. Hide	12359	2 Feb.
Coke-making process. Universal Fuel Company	12280	4 Jan.
Collar. (See Horse-collar, Shirt-collar.)		
Collar-stud grip. A. S. Ford and J. H. Taylor	13226	8 Dec.
Coloured photographs. Grenier Art Company	12829	2 Aug.
Colour-printing. F. C. Taylor	12818	27 July.
Colour-printing machine	13012	24 Sept.
Combs, Sharpener for sheep-shear. A. D. Graham	12466	16 March.
Commode and slop-bucket. W. Healey	12437	28 Feb.
Compound engine. W. Schmidt	12306	13 Jan.
Compressor. (See Air-compressor, Cupel compressor.)		
Computing-machine. J. Thomas and G. W. Bell	12871	14 Aug.
Concentrating-table. W. G. Dodd	13115	26 Oct.
Concentrating-table. J. A. B. Wesley	12993	20 Sept.
Concentrator. G. G. Sale	12565	23 April.
Concentrator. H. J. Finn	13225	7 Dec.
Concentrator, Gold-saving rocker and. G. Leech	12747	28 June.
Concentrator. (See also Ore-concentrator.)		
Concrete-mixer. W. E. Hughes	13139	7 Nov.
Condenser, Water-. T. Grundy	13270	21 Dec.
Connector for trains, Electrical. T. E. Moorhouse	12357	30 Jan.
Contact appliance for electric glow-lamp. Electric Lighting Boards (Limited)	13050	8 Oct.
Contacts for electric glow-lamp. Electric Lighting Boards (Limited)	13061	12 Oct.
Contact-stud for electric traction. W. Kingsland	12394	16 Feb.
Controller. (See Electric-motor controller, Electro-pneumatic controller, Temperature-controller.)		
Conveyor or elevator. J. F. Corrick	13234	10 Dec.
Cooker, Steam. F. A. Nevill	12434	3 March.
Cooking-range boiler. T. Danks	12330	19 Jan.
Cooking-utensil and receptacle-cover combined. J. R. and G. C. Hayward	12606	12 May.
Cooler. (See Butter-cooler.)		
Cooling and rinsing cans of food. F. W. Bright	13094	26 Oct.
Copper, Portable. A. J. Hulme	12971	11 Sept.
Core-extractor. (See Apple-core extractor.)		
Cores for pipes and castings. G. J. Hoskins	13251	11 Dec.
Cork and tap combined. W. J. Dalton	13000	17 Sept.
Cork-extractor. W. E. Hughes	12996	20 Sept.
Corkscrew. A. C. Aucher	13240	13 Dec.
Corn-husking machine. A. Beaton	12544	20 April.
Corrugated roofing, Closing openings of. W. J. Kissell	13023	26 Sept.
Cotton-gin. T. H. Pearse	12825	31 July.
Coulter, Drag-point for grain. J. Grant and A. Storrie	12375	6 Feb.
Countershaft speed-regulator. P. W. Fryer	12608	12 May.
Coupling. (See Car-coupling, Pipe-coupling, Railway-car coupling, Rope-coupling.)		
Cover. (See Closet-seat cover, Horse cover, Jug-cover, Meat-cover, Provision-cover, Receptacle-cover, Saddle-cover, Tire-cover.)		
Cowl. (See Chimney-cowl, Ventilator-cowl.)		
Cows, Leg-holder for. J. Taucher	12959	7 Sept.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Cows, Leg-rope for. A. E. Whiting	12978	14 Sept.
Cramp. L. S. De Cleene	12918	27 Aug.
Cramp. G. I. Lowe	13077	20 Oct.
Cramp. R. H. Rennie	13076	15 Oct.
Cramp. C. A. Trotter	12916	23 Aug.
Cramp. J. Woodhead	13143	7 Nov.
Crane and friction-hoist for traction-engine. J. E. Watkins	12888	18 Aug.
Crate. (See Rabbit-crate.)		
Cream receiving and weighing can. J. A. Kinsella	12498	30 March.
Cream-temperature controller. J. Anderson	12274	3 Jan.
Crematory, Garbage. H. H. de Montemas and M. Franckel	12669	6 June.
Cribbage-board. C. Miller	13053	8 Oct.
Cricket-stumps. C. A. Harris	12480	22 March.
Crossing. (See Railway-crossing.)		
Crusher. (See Ore-crusher, Stone-crusher.)		
Crushing-die and mortar-box. T. P. Clarke	12688	14 June.
Crushing-machine. T. R. Jordan	13195	28 Nov.
Crushing-mill. C. Suttie	12642	23 May.
Crutch. D. Rugg	12958	3 Sept.
Cuff fastener. R. Wales and F. V. Raymond	12504	4 April.
Cuff. (See also Shirt-cuff.)		
Cupel compressor. F. W. Braun	12356	1 Feb.
Cure, Toothache. T. Walsh	12692	19 June.
Curler. (See Hair-curler.)		
Current-collector for electric machine. J. P. Campbell	12397	16 Feb.
Cut-out for Nernst lamp. (See Nernst lamp.)		
Cutter. (See Chaff-cutter, Fuse-cutter, Hair-cutter, Pipe-cutter, Planing-machine cutter, Pocket-cutter, Root-cutter, Tobacco-cutter, Turnip-cutter, Wire-cutter, Wool-cutter.)		
Cutter, castrator, tailer, and ear-marker. T. W. Allen	12556	18 April.
Cutters, Sharpener for sheep-shear. A. D. Graham	12466	16 March.
Cyanide solutions, Gold recovery from. F. A. Rich	12535	12 April.
Cyanide treatment of ores, Filter for. G. and S. E. Fraser	13224	4 Dec.
Cycle. T. R. Ellison	12472	20 March.
Cycle. A. Griffith	12574	4 May.
Cycle. (See also Bicycle, Tire, Velocipede, Water-bicycle.)		
Cycle-brake. W. Stokes, jun.	12660	31 May.
Cycle-chain guard. J. A. P. Philp	12441	1 March.
Cycle-driving mechanism. E. A. Tychsen	12515	6 April.
Cycle-gear. J. J. Gibson	13025	25 Sept.
Cycle handle-bars, Securing. T. Boyd	13004	22 Sept.
Cycle lever attachment. B. W. Brown	12990	14 Sept.
Cycle mud-guard. J. W. Glennie	12501	3 April.
Cycle mud-guard. H. Reynolds	12619	14 May.
Cycle-propelling mechanism. J. E. Friend and J. Sawers	12664	6 June.
Cycle-tire. T. Burrell	12415	22 Feb.
Cycle-tire. F. Jones	12443	7 March.
Cycle-tire cover. F. Jones	12854	8 Aug.
Cycle-tire cover. G. H. Scott	12609	14 May.
Cycling skirt. R. Skelton	12328	14 April, '99
Cycling trousers. G. D. Jones	12631	19 May.
Cylinders, Sinking. A. and R. M. Aitken	13040	1 Oct.
Cylindrical articles, Moulding. C. J. Kielberg	12793	16 July.
Damping apparatus and composition for letter-copying. F. Broad	12979	13 Sept.
Damping-brush. F. H. Tucker	12784	9 July.
Davits. (See Ship's davit.)		
Destructor. (See Garbage destructor.)		
Diamagnetic materials, Separating. E. Gates	13277	28 Dec.
Die. (See Crushing-die, Printing-die.)		
Digger. (See Potato-digger.)		
Digger-attachment to plough. T. Hawke	13220	3 Dec.
Dip. (See Sheep-dip.)		
Direct-acting engine. H. J. Kimman and E. N. Hurley	12317	18 Jan.
Disc harrow. R. McGaffin	13059	11 Oct.
Disc harrow. R. McGaffin	13114	27 Oct.
Disc ridger. J. Macalister	12299	6 Jan.
Discrete materials, Container for. S. R. Bellingham, D. Fell, and N. P. Richards	13141	7 Nov.
Discrete materials, Measurer for. W. R. Fry	12934	31 Aug.
Disinfecting, Method of. A. Grant	12470	15 March.
Displaying device, Photo-. B. E. Watts	12366	5 Feb.
Distance-calculator. C. A. Trotter	13042	5 Oct.
Ditcher. J. Corbett	13269	21 Dec.
Door-closing mechanism. H. Ward	12416	22 Feb.
Door, Draught-excluder for. C. Pritchard and H. Smith	13138	7 Nov.
Door, Dust-, draught-, and rain-excluder for. J. H. Scott	13268	18 Dec.
Door-fastener. J. A. Colville	13003	22 Sept.
Door-stop. E. O. Blackwell	12451	10 March.
Dough-making apparatus and process. W. S. and C. I. Corby and T. J. Mayer	12335	23 Jan.
Draft appliance, Railway. G. Westinghouse	12656	29 May.
Drag-point for grain-coulter. J. Grant and A. Storrle	12375	6 Feb.
Drain-pipe socket. R. Brown	12571	28 April.
Drain, Sink and. E. Owen and G. and W. Carder	12774	11 July.
Draught-excluder for door. C. Pritchard and H. Smith	13138	7 Nov.
Draught-excluder for door. J. H. Scott	13268	18 Dec.
Draught, Furnace-. G. Claydon	12751	29 June.
Draught-increasing device for boilers. J. McCreath	12517	10 April.
Draw-pin and catch, Railway. G. A. Pearson	12671	11 June.
Dredge. F. W. Bryant	12553	20 April.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Dredge. J. T. Johnson	13026	6 Aug.
Dredge. F. W. Marchant	12595	11 May.
Dredge. W. McKeegan	12675	12 June.
Dredge. A. Overend	12634	22 May.
Dredge-bucket. F. W. Marchant	12592	10 May.
Dredge-bucket and links. C. Wesley	12991	17 Sept.
Dredge-bucket cleaner. E. Seque and A. E. Raper	13110	26 Oct.
Dredge-bucket, Drift-diverting attachment for. J. Williamson	12499	29 March.
Dredge concentrator. G. G. Sale	12565	23 April.
Dredge, Drop-plate for. G. Stirling.	12483	22 March.
Dredge, Drop-plate for gold-. E. Seque and A. E. Raper	13190	19 Nov.
Dredge elevator. E. Roberts	12497	30 March.
Dredge, Gold-saving appliance for. H. Quertier	12644	23 May.
Dredge, Gold-separator for. H. H. Rayward	12533	11 April.
Dredge pontoon. L. G. Reeves	12459	12 March.
Dredge pontoon. L. G. Reeves	12657	26 May.
Dredge-scoops. J. Morgan and J. Kerr, jun.	12942	23 Aug.
Dredge-screen. F. Browne and J. Maxwell	12475	16 March.
Dredge-screen. J. W. Faulkner	12961	6 Sept.
Dredge-shoot, Breaking and removing clay from. D. Caithness	12666	1 June.
Dredge-shoot cleaner. P. Young and W. Hogg	12534	11 April.
Dredge-shoot cleaner. W. M. Hogg and P. Young	12843	3 Aug.
Dredge, Silt-separator for. E. A. G. Hamlin	12729	25 June.
Dredge suction-pipe, Keeping clear of weeds. D. Wilson	12684	12 June.
Dredge-tumbler bearing and shaft. P. Ellis	12851	8 Aug.
Dredges, Conveying electrical energy to. R. Turnbull	13113	29 Oct.
Dredging. P. S. Irwin and S. J. Luke	12406	20 Feb.
Dredging- and transporting-apparatus. E. McGregor	12923	29 Aug.
Dredging-apparatus. G. W. Gough and R. Andrew	12580	3 May.
Dredging-apparatus. H. L. Mainland and J. Harrison	12641	22 May.
Dredging-apparatus. E. McGregor	12340	25 Jan.
Dredging appliance. A. J. Park	12581	3 May.
Dredging, Appliance for use in gold-. J. B. C. Watt	12678	8 June.
Dredging screen, Gold-. F. Browne and J. Maxwell	12475	16 March.
Dresser, grader, and scalper. G. T. Smith and W. Gardner	12493	30 March.
Dresser. (See Seed-dresser.)		
Dressing flax. (See Flax.)		
Drift-diverting attachment to dredges. J. Williamson	12499	29 March.
Drill. (See Earth-drill Pneumatic drill, Ridge-drill, Rock-drill.)		
Drill attachment to seed-sower. H. J. Alley	12386	13 Feb.
Driving gear. (See Bicycle-driving gear, Cycle-driving mechanism, Velocipede-driving gear.)		
Driving mechanism, Steamship-. J. A. Belk	12281	4 Jan.
Drop-plate for gold-dredge. E. Seque and A. E. Raper	13190	19 Nov.
Drop-plate for gold-dredge. G. Stirling	12483	22 March.
Dropper. (See Fence-dropper.)		
Dryer, Steam-. W. Schmidt	12304	13 Jan.
Drying-apparatus. (See Label-drying apparatus.)		
Drying-oils. J. Vaughan-Sherrin	12326	20 Jan.
Dust-excluder for door. J. H. Scott	13268	18 Dec.
Dynamo-driving power, Obtaining from the sea. O. and J. Parmenter	13155	12 Nov.
Dynamo-electric machine. British Westinghouse Electric and Manufacturing Company (Limited)	12448	9 March.
Dynamo-electric machine. British Westinghouse Electric and Manufacturing Company (Limited)	12599	12 May.
Ear-marker, castrator, and tailer. T. W. Allen	12556	18 April.
Earth-drill. F. H. Dannhardt and M. Mailer	12464	16 May.
Earth-scoop. W. Matthews	12576	4 March.
Economizer. (See Fuel-economizer.)		
Effervescing drink, Medicinal	13204	29 Nov.
Egg-tray for incubator. T. E. W. Noyes	13034	3 Oct.
Electoral registering-machine. H. Drouleige	12941	30 Aug.
Electric arc lamp. W. J. Davy and C. W. Milne	12373	8 Feb.
Electric brake. W. E. Hughes	12396	16 Feb.
Electric cable. J. Y. Buchanan	12720	22 June.
Electric cable. R. K. Gray	12721	22 June.
Electric-current collector. J. P. Campbell	12397	16 Feb.
Electric distribution. British Westinghouse Electric and Manufacturing Company (Limited)	12903	22 Aug.
Electric distribution. British Westinghouse Electric and Manufacturing Company (Limited)	12977	14 Sept.
Electric distribution. British Westinghouse Electric and Manufacturing Company (Limited)	13018	27 Sept.
Electric distribution. British Westinghouse Electric and Manufacturing Company (Limited)	13103	26 Oct.
Electric distribution. British Westinghouse Electric and Manufacturing Company (Limited)	13189	23 Nov.
Electric generator. British Westinghouse Electric and Manufacturing Company (Limited)	12902	22 Aug.
Electric glow-lamp, Conductor and contacts for. Electric Lighting Boards (Limited)	13061	12 Oct.
Electric glow-lamp, Contact appliance for. Electric Lighting Boards (Limited)	13050	8 Oct.
Electric gold-saver. G. H. Mackenzie	13252	14 Dec.
Electric ignition of engines. A. C. Aucher	13243	13 Dec.
Electric lamp. W. L. Voelker	12832	2 Aug.
Electric lamp. (See also Electric arc lamp.)		
Electric-lamp filament. V. Thomas	12768	6 July.
Electric-lamp filament. W. L. Voelker	12833	2 Aug.
Electric-lamp filament. W. L. Voelker	12922	29 Aug.
Electric lighting. P. C. Hewitt	12912	23 Aug.
Electric lighting of railway-vehicles. W. E. Hughes	12395	16 Feb.
Electric machine, Coil for. British Westinghouse Electric and Manufacturing Company (Limited)	13168	16 Nov.
Electric machine. (See also Dynamo-electric machine.)		
Electric motor. British Westinghouse Electric and Manufacturing Company (Limited)	12444	7 March.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Electric motor. British Westinghouse Electric and Manufacturing Company (Limited) ..	12902	22 Aug.
Electric-motor controller. British Westinghouse Electric and Manufacturing Company (Limited)	12557	24 April.
Electric railway. British Westinghouse Electric and Manufacturing Company (Limited) ..	12884	17 Aug.
Electric railway. W. Chapman	12492	30 March.
Electric-speed indicator. British Westinghouse Electric and Manufacturing Company (Limited)	12926	29 Aug.
Electric-switch box. W. Kingsland	12492	30 March.
Electric-switch box. W. Kingsland	13164	15 Nov.
Electric-switch controller. W. Kingsland	12836	2 Aug.
Electric switch, Operating. W. Kingsland	13163	15 Nov.
Electric traction. W. Kingsland	12893	16 Feb.
Electric traction, Contact-stud for. W. Kingsland	12894	16 Feb.
Electrical apparatus, Protecting, from abrupt changes in static potential. British Westinghouse Electric and Manufacturing Company (Limited)	13101	26 Oct.
Electrical apparatus, Protecting, from abrupt changes in static potential. British Westinghouse Electric and Manufacturing Company (Limited)	13112	29 Oct.
Electrical conductor, Insulating support for. British Westinghouse Electric and Manufacturing Company (Limited)	13100	26 Oct.
Electrical connector for trains. T. E. Moorhouse.	12357	30 Jan.
Electrical energy to dredge, Conveying. R. Turnbull	13113	29 Oct.
Electrical oscillations, Receiver for. Marconi's Wireless Telegraph Company (Limited)	13097	26 Oct.
Electricity, Generating. G. T. Girdler	12875	13 Aug.
Electricity, Generating. G. T. Girdler	12917	21 Aug.
Electricity, Generating, by sea-power. C. and J. Parmenter.	13155	12 Nov.
Electro-magnet. J. J. R. C. Rogers	13092	23 Oct.
Electro-magnetic separator. I. Jones and E. Allison	12447	6 March.
Electro-motive force, Generating. British Westinghouse Electric and Manufacturing Company (Limited)	13021	23 Sept.
Electro-pneumatic controlling-apparatus. E. R. Hill	12632	22 May.
Elevating-apparatus. E. McGregor	12340	25 Jan.
Elevator or conveyor. J. F. Corrick	13234	10 Dec.
Elevator. (See also Dredge elevator, Goods-elevator, Loading-elevator, Straw-elevator, Tailings-elevator.)		
Embossing-press. J. Y. Johnston	12696	+19 July, '99
Embossing-press. J. Y. Johnston	12701	+20 July, '99
Embossing-, branding-, and stamping-apparatus. O. B. Moller, R. Tomline, and W. C. Greig.	13150	10 Nov.
Embroidery. E. S. McRae	13205	29 Nov.
Enamelling process. C. H. Waterman	12325	20 Jan.
Enamel paint. J. Vaughan-Sherrin	12326	20 Jan.
Engine. (See Compound engine, Direct-acting engine, Explosive engine, Gas-engine, Internal-combustion engine, Marine engine, Oil-engine, Rotary engine, Steam-engine, Traction-engine.)		
Envelope. C. W. Allen	13209	4 Dec.
Envelope. J. P. Elliott and P. J. Henley	13055	11 Oct.
Envelope. D. Robertson	13131	2 Nov.
Envelope-opener. H. Airey, P. K. Young, and C. Gye	12960	7 Sept.
Envelope-opener. C. Bristow	12639	23 May.
Envelope-opener. R. F. Hobson	12845	2 Aug.
Equaliser for yoking horses. C. B. Trefle	12667	8 June.
Equaliser for yoking three or six horses. C. B. Trefle	12668	8 June.
Escapement. (See Piano-escapement.)		
Excavating- and transporting-apparatus. E. McGregor	12923	29 Aug.
Excavating-apparatus. E. McGregor	12340	25 Jan.
Exhaust mechanism for explosive engine. W. L. Corson	13142	7 Nov.
Expander for boots, shoes, &c. C. Bristow	13271	27 Dec.
Explosive. J. Ross and W. D. Cairney	12388	16 Feb.
Explosive engine exhaust mechanism. W. L. Corson	13142	7 Nov.
Extinguisher. (See Candle-extinguisher, Spark-arrester, Spark-extinguisher, Spark-stopper.)		
Extracting gold, &c. (See Gold, Metals.)		
Extractor, Apple-core. G. E. Adlard	12569	25 April.
Extractor. (See Staple-extractor.)		
Fabric. M. Koeck	12490	30 March.
Fabrics for meat-covers. B. Kershaw	12414	22 Feb.
Fabrics, Pocket-cutter for. P. Palmer	12819	27 July.
Fare-indicator. W. Bruhn	12463	16 March.
Fastener. (See Axle-box fastening, Boot-fastening, Bracket-fastener, Cap-fastener, Catch, Chain-fastener, Cuff-fastener, Door-fastener, Gaiter-fastening, Gate-fastening, Hamper-fastening, Harness-fastening, Hoop-iron fastening, Horse-cover fastening, Legging-fastening, Rabbit-trap fastener, Sash-fastener, Serviette-fastener, Shirt-collar fastener, Shoe-fastening, Spur-fastener, Window-fastener.)		
Fastening-apparatus for windows, doors, &c. G. C. Smith	12655	30 May.
Faucet. C. M. Cruickshank	13191	28 Nov.
Feed apparatus, Automatic. J. S. Beeman	13256	14 Dec.
Feed-water heater and condenser. T. Grundy	13270	21 Dec.
Feed-water, Heating and filtering. I. Davis	12900	22 Aug.
Feeder. (See Fowl-feeder, Fuel-feeder, Milk-feeder, Pig-feeder, and Seed-feeder.)		
Feeding-trough. L. Holden	12672	11 June.
Fence. S. W. Shaw	12405	20 Feb.
Fence-dropper. E. Smethurst	13128	31 Oct.
Fence, Wire-netting. F. S. Ellerm	12985	17 Aug.
Fencing-batten. W. Pinches	12567	25 April.
Fencing-batten. A. A. Sheriff	12551	18 April.
Fencing-batten. A. A. Sheriff	12552	18 April.
Fencing-dropper. W. H. Wilson	12648	29 May.
Fencing-standard. W. H. Wilson	12648	29 May.
Fencing-tool. W. Milner	12649	+30 March.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Fertilizing-compound for trees. E. O. Blackwell	12333	23 Jan.
Fibre-treating machine. S. B. Allison	12674	12 June.
Fibre-treating machine. J. Forsyth	12689	15 June.
Fibre. (See also Flax.)		
Filament. (See Electric-lamp filament.)		
Film. (See Photographic film.)		
Filter. A. M. Hamilton	12585	7 May.
Filter. A. J. Madden	12673	12 June.
Filter. F. J. Olsen	12453	9 March.
Filter. F. J. Olsen and E. H. Whitmore	12404	20 Feb.
Filter for treatment of slimes, &c. G. and S. E. Fraser	13224	4 Dec.
Filtering feed-water, Heating and. I. Davis	12900	22 Aug.
Filtro-amalgamation of ores. H. L. Spring	12409	21 Feb.
Finishing machine, Stitch-. United Shoe Machinery Company	12372	8 Feb.
Finishing machine, Timber-. D. W. Mackay	12887	17 Aug.
Fire-alarm. E. H. Kirkby	12542	20 April.
Fire-alarm. E. B. McKay	12645	25 May.
Fire-alarm box, Street. E. Carter	13083	22 Oct.
Fire-alarms, Preventing false. R. Stevens	13074	16 Oct.
Fire-escape ladder. J. L. Homes and C. T. Lane	12407	19 Feb.
Fire-escape ladder. J. Holmes and T. S. Grace	13044	9 Oct.
Fire-grate. A. M. Hendy	13229	6 Dec.
Fire-kindler. J. McKegg	13274	28 Dec.
Fire-lighter. H. Braby and C. Coutts	13174	17 Nov.
Fire-resisting material. A. Imschenetzky	12290	10 Jan.
Firearm-sight. A. Church	12919	24 Aug.
Firearm-sight. A. Church	12989	14 Sept.
Firearms, Indicator for. M. W. Maylard	13185	23 Nov.
Fireplace. J. B. Poynter	13104	26 Oct.
Flange for washing-boiler. R. Lochhead	12450	5 March.
Flat-iron for billiard-table. F. W. Cullimore	12765	6 July.
Flax-dresser. J. McInnes	12329	23 Jan.
Flax-dust stuffing for mattresses, &c. J. Scott	12484	22 March.
Flax, Extracting gum from. H. Brenkley	12378	18 Dec., '99
Flax, Manufacturing brushes, &c., from. L. Van Laak, H. Craig, and W. S. Laurie	13030	27 Sept.
Flax-scraper. O. Gardner and P. W. Bell	12852	8 Aug.
Flax-scutcher. E. J. de Courcy and R. Crawford	12339	25 Jan.
Flax-stripper chair. J. Tennant	12413	22 Feb.
Flax-treatment. J. Forsyth	12689	15 June.
Flax. (See also Fibre, Tow.)		
Fleece-rolling machine. H. A. Fry	12519	10 April.
Flour-mill grader and dresser. G. T. Smith and W. Gardner	12493	30 March.
Flour, Reducing wheat to. C. L. Wheeler	12844	2 Aug.
Fly-paper holder. T. M. Lewington	12283	5 Jan.
Fly-trap. J. A. Francis	13033	3 Oct.
Foam-remover for fluid-pasteuriser L. C. Nielsen and P. V. F. Petersen	12314	18 Jan.
Fodder-holder. W. W. Gundrie	12691	19 June.
Food for calves. J. B. Mack	12984	14 Sept.
Foot, Extension. A. de C. Gwynneth	12292	10 Jan.
Fork-cleaner. B. J. F. Bentley	12568	11 April.
Fork, knife, and spoon combined. S. E. G. Coleman	12588	8 May.
Foundation for buildings. R. O. Clark, jun.	12336	24 Jan.
Fountain pen. W. H. Boyens	12612	14 May.
Fowl-feeder. R. D. Wilson	12758	3 July.
Frozen meat, Treating, during thawing. A. H. Chapman	12545	20 April.
Fuel. E. Waters, jun.	12886	17 Aug.
Fuel-economizer. E. A. Cameron	12422	23 Feb.
Fuel-economizer. E. A. Cameron	13178	19 Nov.
Fuel-economizer. T. B. Dineen	12841	30 July.
Fuel-feeder. F. N. Spear	12799	20 July.
Fumigation. W. Smith and W. Dunn	12598	10 May.
Furnace. (See Ore-furnace.)		
Furnace-draught. G. Claydon	12751	29 June.
Furnace-kiln. J. Kelly and F. Oakden	12549	20 April.
Furnace lining. Hurry and Seaman's Patents (Limited)	12383	15 Feb.
Furniture. J. Robertson	13071	15 Oct.
Fuse-cutter and cap-fastener. J. McCombie and A. E. Macindoe	13152	8 Nov.
Fuse-igniting appliance. E. Fox, jun.	12347	31 Jan.
Gaiter. (See Legging.)		
Gaiter- or legging-fastening. W. P. Bice and A. H. Guthridge	12913	23 Aug.
Galley, Printers'. J. Knight and W. A. Jennings	12272	3 Jan.
Game. M. Mouat	12988	14 Sept.
Garbage-cart. W. Nepean-Hutchison, H. S. Harden, and H. Colley	13250	11 Dec.
Garbage-crematory. H. M. de Montemas and M. Franckel	12669	6 June.
Garbage-destroyer. G. T. Ritchie	12952	5 Sept.
Garment-pocket. H. Donkin	12694	19 June.
Gas and air measuring and mixing apparatus. J. Coates	12401	20 Feb.
Gas-burner, Lighting. A. H. Bennett and S. Jones	13239	13 Dec.
Gas-engine. H. N. Bickerton and H. W. Bradley	12293	10 Jan.
Gas-engine igniter. Victor Motor Company (Limited)	12914	23 Aug.
Gas-generation from sewage. W. Parker	12625	18 May.
Gas-generator. F. Boyce, W. Franklin, and T. Valentine	13153	8 Nov.
Gasifier for internal-combustion engine. W. E. Hughes	13257	14 Dec.
Gas-igniter. A. C. Aucher	13242	13 Dec.
Gas-engine igniter. A. C. Aucher	13243	13 Dec.
Gas, Increasing illumination of. R. L. H. Murray	12663	6 June.
Gas-lighting. A. C. Aucher	13244	13 Dec.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Gas-manufacture. G. J. Atkins	12804	21 July.
Gas-stove. C. Clamond	12834	2 Aug.
Gate-fastener. J. A. Colville	13003	22 Sept.
Gate-fittings. G. Brownlees	12970	12 Sept.
Gate-hanging device. J. Jones	12940	1 Sept.
Gate-hinge. V. Metzger	12999	18 Sept.
Gauge for linotypes, Justification-. W. Holmes	12681	14 June.
Gear, Cycle and motor-car. J. J. Gibson	13025	25 Sept.
Generating electricity. G. T. Girdler	12875	13 Aug.
Generating electricity. G. T. Girdler	12917	21 Aug.
Generating electro-motive force. British Westinghouse Electric and Manufacturing Company (Limited)	13021	28 Sept.
Generator. (See Acetylene-generator, Electric-generator, Gas-generator, Oxygen-generator, Steam-generator.)		
Gin. (See Cotton-gin.)		
Glazing shirt-fronts, &c. G. S. C. Ford	12946	3 Sept.
Glower. (See Lamp-glower.)		
Gold-bearing material, Breaking up. J. Corbett and J. Moffett	13126	29 Oct.
Gold-dredging screen. F. Browne and J. Maxwell	12475	16 March.
Gold-extracting machine. G. Webster	12313	18 Jan.
Gold-extraction. A. Herbert	12446	8 March.
Gold-extraction process. J. A. Coe	12546	20 April.
Gold from sand, Separating. G. J. A. Richardson	12572	30 April.
Gold from tailings, Separating. F. J. W. Gascoyne and H. H. Murdoch	13134	2 Nov.
Gold-precipitate smelting process. C. E. Manton and J. W. Rayfield	13161	15 Nov.
Gold-prospecting apparatus. F. W. Bryant	13078	18 Oct.
Gold-recovering. F. A. Rich	12535	12 April.
Gold, &c., Recovering, from ores. W. H. Harrison	12956	3 Sept.
Gold-saver. E. Seque and A. E. Raper	13110	26 Oct.
Gold-saver, Electric. G. H. Mackenzie	13252	14 Dec.
Gold-saving. E. Murrell	12817	27 July.
Gold-saving apparatus. J. H. A. McPhee	12623	15 May.
Gold-saving apparatus. J. Smythe and T. M. Baldwin	13005	22 Sept.
Gold-saving apparatus. G. Leech	12747	28 June.
Gold-saving apparatus. W. F. James and H. J. Reeves	12301	11 Jan.
Gold-saving appliance. A. R. Ayson	12440	27 Feb.
Gold-saving appliance. A. Campbell	12353	29 Jan.
Gold-saving appliance. J. Corbett and J. Moffett.	13126	29 Oct.
Gold-saving appliance. W. E. Gladstone and W. Taylor	12713	22 June.
Gold-saving appliance. G. Lee and H. W. Parsons	13132	29 Oct.
Gold-saving appliance. J. McElligott	12806	23 July.
Gold-saving appliance. J. S. Neave, A. Latham, W. Trembath, and M. Hanley	12739	27 June.
Gold-saving appliance for battery. E. K. Cooper	12963	8 Sept.
Gold-saving appliance for dredge. H. Quertier	12644	23 May.
Gold-saving box and table. J. Robb	13169	16 Nov.
Gold-saving mat or screen. G. Foster	12985	14 Sept.
Gold-saving, Method of. J. Thomson	12816	23 July.
Gold-saving method and apparatus. F. A. Cutten	12795	13 July.
Gold-saving ripples. J. Tyrell, jun.	13090	20 Oct.
Gold-saving ripple-mat. A. Anderson, W. Ross, and H. Walton	12582	3 May.
Gold-saving rocker and concentrator. G. Leech	12747	28 June.
Gold-saving screen. E. S. Baldwin	13068	15 Oct.
Gold-saving screen. F. Browne and J. Maxwell	12475	16 March.
Gold-saving screen. J. D. Douglas	12368	6 Feb.
Gold-saving screen. J. W. Faulkner	12961	6 Sept.
Gold-saving table. W. Adams	13075	13 Oct.
Gold-saving table. G. H. Mackenzie	13253	14 Dec.
Gold-saving table. G. H. Mackenzie	13254	14 Dec.
Gold-saving-table. J. Robb	13169	16 Nov.
Gold, Separating, from sand, &c. W. E. Spencer.	13237	8 Dec.
Gold-separation. F. J. W. Gascoyne and H. H. Murdoch	13134	2 Nov.
Gold-separation. J. G. A. Richardson	12572	30 April.
Gold-separator. H. H. Rayward	12533	11 April.
Gold-separator. J. B. C. Watt	12678	8 June.
Golf-club. S. S. Sørensen	12573	1 May.
Goods-elevator. J. Day	12967	12 Sept.
Governor. J. E. Friend and J. Sawers	12344	30 Jan.
Grab, Lifting-. J. Morgan and E. F. Guinness	12998	14 Sept.
Grader, dresser, and scalper for flour-mill. G. T. Smith and W. Gardner	12493	30 March.
Grader. (See also Railway- and road-grader.)		
Grass-seed dresser. W. T. and W. J. Nuttall and H. P. Meyer	12797	19 July.
Grate. (See Fire-grate.)		
Grate and ashpit. J. Ritchie	12512	6 April.
Gravity wheel. H. Rose and W. Hookin	12717	22 June.
Grease from wash-liquors of wool, Recovering. J. Smith and Sons (Limited), and W. Leach	12762	5 July.
Grinding-mill. C. Suttie	12642	23 May.
Grip. (See Clothes-line grip, Collar-stud grip, Rope coupling or grip, Wire-grip.)		
Gripper, Cable-car. E. Roberts	13046	6 Oct.
Group-flashing apparatus for lighthouse. A. Brebner	12936	31 Aug.
Guard, Cycle-chain. J. A. P. Philp	12441	1 March.
Gum, Extracting, from flax. H. Brenkley	12378	18 Dec., '99
Gum. (See Kauri-gum.)		
Guttapercha-like substance, Manufacture of a. W. E. Hughes	12348	31 Jan.
Guttering, Securing, to houses. H. G. Bedell	13027	29 Sept.
Hackler, Tow-. E. A. Gibbon	12428	2 March.
Hair-curler. L. Fagan	12511	7 April.
Hair-curler, Heating. B. R. Hall	12953	3 Sept.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor	No.	Date.
Hair-cutter. M. Davies	12879	7 Sept.
Hair-cutter. J. W. Newall	12896	22 Aug.
Hair-pin. W. Dall	12361	31 Jan.
Hair-pin. W. E. Gladstone	12342	27 Jan.
Hair-pin. W. E. Gladstone	12364	2 Feb.
Hair-pin. H. L. Mainland	12310	13 Jan.
Hair-pin. W. Wood	12420	24 Feb.
Hair, Removing, from skins. W. P. Griffiths	12835	2 Aug.
Hammer, Pneumatic. H. J. Kimman and E. N. Hurley	12317	18 Jan.
Hammer, Pneumatic. New Taite-Howard Pneumatic Tool Company (Limited)	12722	22 June.
Hamper-fastening. J. W. Cook	12937	29 Aug.
Handcuff. T. Burrell	12742	29 June.
Handle-bars. (See Cycle handle-bars.)		
Handles, Securing, to tins. G. A. Watson	12943	30 Aug.
Hanging sashes. W. Fairhead	12458	14 March.
Harness-buckle. W. Morice	12802	19 July.
Harness-fastening. T. E. Bryant	13201	28 Nov.
Harness-fastening. R. Latta	13047	6 Oct.
Harrow. (See Disc harrow, Spading-harrow.)		
Harrowing, ploughing, sowing, manuring, &c. F. Gale and J. Hemphill	13156	15 Nov.
Harvester. H. J. Kimman and E. N. Hurley	12317	18 Jan.
Harvester. J. B. Leatherbarrow and T. B. Margetts	12714	22 June.
Harvester. Massey-Harris Company	12435	3 March.
Harvester, Stripper and. J. Quinn, J. H. Turland, and W. G. Archer, sen.	13070	15 Oct.
Hat-fold preserving device. J. Loudon	12398	16 Feb.
Hat-pin. R. A. Simpson	12399	15 Feb.
Hats, Securing ladies'. E. Hart	13227	8 Dec.
Hauling-ropes, Preventing breaking of. C. Wesley	12991	17 Sept.
Head-rest for chair. H. Marshall	12715	22 June.
Head, Tappet-. J. L. Kirkbride	12731	25 June.
Heat collecting and conveying apparatus. O. B. H. Hanneberg	12601	12 May.
Heater, Bath-. A. Petersen and C. L. Godfrey	12683	12 June.
Heater, Water-. T. Grundy	13270	21 Dec.
Heating and filtering feed-water. I. Davis	12900	22 Aug.
Heating and lighting apparatus. W. E. Hughes	13248	13 Dec.
Heating and pasteurising fluids, Foam-removing apparatus for. L. C. Nielsen and P. V. F. Petersen	12314	18 Jan.
Heating hair-curlers. B. R. Hall	12953	3 Sept.
Heel. (See Boot-heel.)		
Heel for shoes. H. B. Haigh	12392	16 Feb.
Heel-pad. A. Tindill	12894	20 Aug.
Hides, Tanning. E. Waters, jun.	12680	13 June.
Hinge. (See Gate-hinge.)		
Hobble. J. Arnaboldi	12303	8 Jan.
Hoe. R. Dalziel	13236	11 Dec.
Hoe-blade holder. R. H. Goldsworthy	12485	23 March.
Hoe, Drag-point for. J. Grant and A. Storrie	12375	6 Feb.
Hoe. (See also Horse-hoe.)		
Hoist. R. Chambers	12635	22 May.
Hoist. W. L. Luxford, A. H. Wylds, and J. H. Hankins	12486	27 March.
Hoist for traction-engine, Crane and friction-. J. E. Watkins	12888	18 Aug.
Hoisting-gear. G. E. T. Tuck	12874	16 Aug.
Hold. (See Ship's hold.)		
Holder. (See Bottle-holder, Candle-holder, Flypaper-holder, Fodder-holder, Hoe-blade holder, Knife-holder, Label-holder, Leg-holder, Music-holder, Paper-holder, and Twine-holder.)		
Hoop-iron fastening. G. R. Robertson	12385	12 Feb.
Hooping instrument, Case-. J. Dawson and G. Hughan	12586	7 May.
Hopper. (See Spouting-hopper.)		
Horse. (See Rocking-horse.)		
Horse-box. G. Lovegrove	12358	30 Jan.
Horse-clipper sharpener. A. D. Graham	12466	16 March.
Horse-collar. E. Clark	12828	2 Aug.
Horse-collar. S. L. Fairhall	12273	3 Jan.
Horse-collar. E. Thomson	12278	4 Jan.
Horse-collar roll. D. Brigham	12932	28 Aug.
Horse-cover. W. Bagby	12297	8 Jan.
Horse-cover. W. Besley	12536	18 April.
Horse-cover. C. Dahl	12500	3 April.
Horse-cover. F. E. Hardy	12352	31 Jan.
Horse-cover. T. Knox	13219	3 Dec.
Horse-cover. J. H. Leonard	13273	27 Dec.
Horse-cover. E. A. Ransom	12748	30 June.
Horse-cover. E. Smallbone	12741	29 June.
Horse-cover fastening. H. Shaw	12479	20 March.
Horse-medicine, Cattle- and. A. J. Knocks	12776	11 July.
Horse-shoe. S. Aitchison	13065	12 Oct.
Horse-shoe. T. Cusdin and J. W. Rice	12796	16 July.
Horse-stopper. O. Andrews	13154	14 Nov.
Horse-tree mountings. J. Henderson	12905	18 Aug.
Horses, Preventing bolting of. A. Williams	12992	18 Sept.
Horses, Racing-tips for. A. Smith	12408	16 Feb.
Horses. (See Yoking horses.)		
Hull. L. G. Reeves	12459	12 March.
Hull. L. G. Reeves	12657	26 May.
Hulls, Appliance for removing barnacles from. M. L. Moorhouse, H. J. Dyson, and J. Crane.	13249	13 Dec.
Husking. (See Corn-husking.)		
Hydraulic motor. E. F. Cassel	12602	12 May.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Hydrocarbon motor. J. F. Bennett	12712	22 June.
Igniter. (See Gas-igniter, Gas-engine igniter.)		
Igniting-apparatus for combustion-engine. J. P. Campbell	13255	14 Dec.
Illuminating-power of gas, Increasing. R. L. H. Murray	12663	6 June.
Illustration-printing. Christchurch Press Company (Limited) and J. V. Price	12821	28 July.
Incinerator. F. B. C. Allen	12629	16 May.
Incubator egg-tray. T. E. W. Noyes	13034	3 Oct.
Indicator. (See Cash-indicator, Fare-indicator, Firearms-indicator, Temperature-indicator, Totalisator.)		
Indicator and time-check. M. W. Maylard	13184	23 Nov.
Induction motor. British Westinghouse Electric and Manufacturing Company (Limited)	12969	12 Sept.
Induction motor. British Westinghouse Electric and Manufacturing Company (Limited)	13102	26 Oct.
Infants' apparel. E. Higgins	12594	9 May.
Ingot-iron, Manufacture of. A. Tropenas	13063	12 Oct.
Injector. (See Quicksilver-injector.)		
Injector and reservoir combined. J. H. Walker	12838	2 Aug.
Ink. (See Printing-ink.)		
Ink, Removing, from printing-dies. J. Y. Johnston	12698	+20 July, '99
Inking-apparatus for printing-press. J. Y. Johnston	12697	+18 July, '99
Inking devices for printing-press. J. Y. Johnston	12700	+20 July, '99
Insecticide. W. Bromiley	12891	17 Aug.
Insecticide. A. Potter	13202	27 Nov.
Insecticide. J. Vaughan-Sherrin	12326	20 Jan.
Insecticide, Vessel for. W. Bromiley	12892	17 Aug.
Insect-trap. J. A. Francis	13033	3 Oct.
Insulating composition. M. Davies	13200	28 Nov.
Insulating support for electrical conductor. British Westinghouse Electric and Manufacturing Company (Limited)	13100	26 Oct.
Insulator, Pumice. W. T. and E. T. Firth	13086	20 Oct.
Internal-combustion engine. British Westinghouse Electric and Manufacturing Company (Limited)	12744	29 June.
Internal-combustion engine, Gasifier for. W. E. Hughes	13257	14 Dec.
Internal-combustion igniting-apparatus. J. P. Campbell	13255	14 Dec.
Iron. (See Flat-iron, Ingot-iron, Laundry-iron, Smoothing-iron.)		
Jack. (See Lifting-jack, Stump-jack.)		
Jaws for stone-crusher. E. Girdler	12527	9 April.
Joint. (See Pipe-joint, Rail-joint.)		
Jug-lid. W. E. Lewis	12839	2 Aug.
Justification-gauge for linotype machine. W. Holmes	12681	14 June.
Kauri-gum, Cleansing. G. Sturtevant, J. M. Morran, and A. G. French	13146	8 Nov.
Kauri, Obtaining charcoal and oil from. J. H. Henrikson	12505	4 April.
Kauri, Obtaining oil and charcoal from. J. H. Henrikson	12974	21 July.
Kauri refuse, Extracting oil from. S. C. R. Trevor	12647	23 May.
Kerosene-tin bucket frame. D. C. Kee	12771	7 July.
Kiln. J. Kelly and F. Oakden	12549	20 April.
Kindler. (See Fire-kindler.)		
Knee-pad, Housemaid's. J. B. Mackenzie	12295	8 Jan.
Knee-pad, Housemaid's. J. B. Mackenzie	12365	3 Feb.
Knife-cleaner. J. Foster	12509	5 April.
Knife-cleaner. H. Shaw	13116	30 Oct.
Knife, fork, and spoon combined. S. E. G. Coleman	12588	8 May.
Knife-holder. B. Clapcott	12938	29 Aug.
Knife-shield. F. R. Claude	12732	21 June.
Label. A. J. Webb	12710	22 June.
Label-drying apparatus. W. Hickson and W. L. Palmer	12782	12 July.
Label-holder. T. Awdry	13278	28 Dec.
Labelling apparatus, Bottle-. I. Harrison	12767	7 July.
Ladder. (See Fire-escape ladder, Step-ladder.)		
Lamp. A. Kitson	12653	30 May.
Lamp. A. Kitson	12654	30 May.
Lamp. C. Lawson	12867	13 Aug.
Lamp. (See also Acetylene-lamp, Electric lamp, Nernst lamp.)		
Lamp-glower. M. W. Hanks	12906	23 Aug.
Lasting-machine. United Shoe Machinery Company	12791	17 July.
Latch. G. A. Mazey	12800	19 July.
Laundry-iron. F. Broad	12982	13 Sept.
Lead carbonate, Manufacturing. F. J. Corbett	12613	14 May.
Lead carbonate, Manufacturing. F. J. Corbett	12864	13 Aug.
Lead-heading nails, Machine for. J. Welsby and H. G. Bedell	12811	25 July.
Lead-ores, Treating. A. Germot	12761	5 July.
Lead-ores, Treating. General Metal Reduction Company (Limited)	12830	2 Aug.
Leaf. (See Book-leaf.)		
Leather-rolling machine. C. Suttie	12643	23 May.
Leg-holder for cows. J. Taucher	12959	7 Sept.
Legging. J. E. Evans	12773	10 July.
Legging. G. A. P. Townsend	12778	12 July.
Legging. W. Wiggins	12617	14 May.
Legging-fastening. W. P. Bice and A. H. Guthridge	12913	23 Aug.
Leg-ropes for cows. A. E. Whiting	12978	14 Sept.
Letter-copying. F. Broad	12979	13 Sept.
Lever. D. Donald	12367	7 Feb.
Lever attachment, Cycle. R. W. Brown	12990	14 Sept.
Lever, Railway-road. W. A. Verey	12449	6 March.
Lid. (See Can-lid, Jug-lid.)		
Lifting-grab. J. Morgan and E. F. Guinness	12998	14 Sept.
Lifting-jack. F. H. Wrigley	12288	8 Jan.
Lifting-jack. W. Lisle	13013	24 Sept.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Light collecting and conveying apparatus. O. B. H. Hanneborg	12601	12 May.
Lighter. (See Fire-lighter.)		
Lighthouse, Group-flashing apparatus for. A. Brebner	12936	31 Aug.
Lighting. (See Electric lighting.)		
Lighting and heating apparatus. W. E. Hughes	13248	13 Dec.
Lighting, Gas-. A. C. Aucher	13244	13 Dec.
Lighting gas-burners. A. H. Bennett and S. Jones	13239	13 Dec.
Lighting system, Nernst lamp. A. J. Wurts	12908	23 Aug.
Lighting, Vacuum-tube. Moore Electrical Company	12550	20 April.
Lightning-arrester. British Westinghouse Electric and Manufacturing Company (Limited)	12560	24 April.
Limb, Artificial. H. Pinny	12532	10 April.
Liner for centrifugal machine. M. Dessau	13049	8 Oct.
Lining casks, barrels, &c. H. S. Russell	12925	29 Aug.
Lining. (See Furnace-lining.)		
Link. (See Dredge-bucket link.)		
Linotype justification-gauge. W. Holmes	12681	14 June.
Linotype machine. E. Waters, jun.	13263	20 Dec.
Linotype-machine mould. E. Waters, jun.	13264	20 Dec.
Linotype matrix. E. Waters, jun.	13265	20 Dec.
Liquid-weigher. G. A. Hanna and T. A. Swanson	12810	25 July.
Liquids, Sterilising. J. Y. Johnston	13188	26 Nov., '99
Liquors, Treating. Spink Liquor Company	13181	23 Nov.
Loading-cableway, Maintaining tension on. E. Maxwell	12718	22 June.
Lock. C. Kunzelmann	12510	7 April.
Lock. A. Petersen	12865	13 Aug.
Locking device, Bicycle-. F. L. Wildbore	12750	2 July.
Machinery, Means for imparting motion to. W. H. Baxter	12950	4 Sept.
Magnet. (See Electro-magnet.)		
Magnetic. (See Diamagnetic, Paramagnetic.)		
Magnetic-sand extraction. J. H. A. McPhee	12623	15 May.
Magnetic separation of ores. F. J. Odling and W. Jamieson	13211	4 Dec.
Magneto-telephone. P. Rabbidge	12957	3 Sept.
Mail-bag, Sealing-buckle for. A. F. Thompson	13073	17 Oct.
Mail-marking machine. International Postal Supply Company of New York	13016	27 Sept.
Manure, Converting nightsoil into. H. and W. Wilkinson	13148	6 Nov.
Manure-distributor. J. J. Smyth	12805	21 July.
Manure-sower. W. A. Land	12822	28 July.
Manuring, and harrowing, Ploughing, sowing. F. Gale and J. Hemphill	13156	15 Nov.
Marine-engine governor. J. E. Friend and J. Sawers	12344	30 Jan.
Marine engines, Preventing, from "racing." J. Speight and W. Joyce	13067	15 Oct.
Marine growths, Composition for preventing, on ships, &c. T. S. Mulla	13171	16 Nov.
Marking, Method of. E. A. G. Hamlin	12610	14 May.
Marking sheep, &c. G. Renner and W. H. Boyens	12611	14 May.
Mat. (See Gold-saving mat, Ripple-mat.)		
Matrix, Linotype. E. Waters, jun.	13265	20 Dec.
Mattress. E. Arnold	13140	7 Nov.
Mattress. (See also Wire mattress.)		
Measurement of timber, Method of instructing in. W. J. Morgan	12311	16 Jan.
Measuring and mixing gas and air, Apparatus for. J. Coates	12401	20 Feb.
Measurer. (See Tea receptacle and measurer.)		
Meat-covers, Fabric for. B. Kershaw	12414	22 Feb.
Meat, Preservation of. W. Coates, A. M. Shand, and G. F. J. Hewitt	12417	22 Feb.
Meat. (See Frozen meat.)		
Medicinal effervescent drink. E. S. McRae	13204	29 Nov.
Medicine, Cattle- and horse-. A. J. Knocks	12776	11 July.
Metal boxes, Closing. C. F. Mendham	13010	24 Sept.
Metal pipe, Closing locking-bar of. G. J. and C. H. Hoskins	12726	22 June.
Metal-pipe-forming machine. G. J. Hoskins	12727	22 June.
Metal plates, Up-setting edges of. G. H. Hoskins	12727	22 June.
Metals, Extracting. E. Waters, jun.	12679	13 June.
Metals, Extraction of. S. H. Johnson and Company (Limited)	12327	20 Jan.
Metals. (See also Gold, Ores.)		
Metal-tube roller. H. Dalton	12331	20 Jan.
Milk-aerator. J. A. Ellis	12798	20 July.
Milk-aerator. E. S. McRae	13204	29 Nov.
Milk-aerator. G. H. and A. K. Smart	13087	2 Nov.
Milk-can. J. A. Kinsella	12498	30 March.
Milk-can lid, Rim for. G. Smart and R. W. Ashcroft	13111	29 Oct.
Milk feeder and heater. W. Sim	12719	22 June.
Milk-pasteuriser. A. P. Hall	12866	13 Aug.
Milk-strainer. C. Dahl	12873	16 Aug.
Milking-bucket. G. Smart and C. M. Grant	13175	20 Nov.
Milking-bucket. G. Smart and R. W. Ashcroft	13111	29 Oct.
Milking instrument. R. Caldwell	12596	9 May.
Milking-machine. W. Sim and J. H. Stewart	12736	26 June.
Mill. (See Flour-mill, Grinding-mill.)		
Miners' candle-holder. J. McCombie and A. S. McIndoe	13151	8 Nov.
Mine-ventilator. A. H. McNeil	12318	18 Jan.
Mine-ventilator. A. H. McNeil	12529	17 April.
Mining-cage safety-device. J. B. Cameron and P. R. Sutherland	12840	2 Aug.
Mixer. (See Concrete-mixer.)		
Moistener, Adhesive-surface. J. Robertson	12740	28 June.
Moistener, Brush-. F. V. Raymond	13045	5 Oct.
Mortar-box, Crushing-die and. T. P. Clarke	12688	14 June.
Motion to machinery, Means for imparting. W. H. Baxter	12950	4 Sept.
Motor. (See Electric motor, Hydraulic motor, Hydrocarbon motor, Induction motor, and Water motor.)		

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Motor-car. H. Thomson	12615	14 May.
Motor-car gear. J. J. Gibson	13025	25 Sept.
Motor vehicle. British Motor Traction Company (Limited)	13245	13 Dec.
Motorpictoscope. H. J. Jones and J. Baker	12920	21 Sept.
Mould. (See Butter-mould, Linotype-machine mould.)		
Moulding apparatus, Clay-. C. J. Kielberg	12793	16 July.
Moulding machine, Timber-. D. W. Mackay	12887	17 Aug.
Mower. Massey-Harris Company (Limited)	12436	3 March.
Mud-guard, Cycle. J. W. Glennie	12501	3 April.
Mud-guard, Cycle. H. Reynolds	12619	14 May.
Muff, Bicycle-. W. J. Venables	12564	24 April.
Music-holder. A. G. Oekenden	13221	3 Dec.
Mussel blight. (See Blight-destroyer.)		
Nails, Lead-heading. J. Welsby and H. G. Bedell	12811	25 July.
Nernst lamp. A. J. Wurts, H. N. Potter, E. Bennett, and M. C. Beebe	12911	23 Aug.
Nernst lamp ballast-resistance. H. N. Potter	12907	23 Aug.
Nernst lamp glower. M. W. Hanks	12906	23 Aug.
Nernst lamp-lighting system. A. J. Wurts	12908	23 Aug.
Nernst lamp-starting apparatus. A. J. Wurts, H. N. Potter, and M. W. Hanks	12909	23 Aug.
Nernst lamp terminal connections. A. J. Wurts and M. W. Hanks	12910	23 Aug.
Nightsoil-cart. W. Nepean-Hutchison, H. S. Harden, and H. Collier	13250	11 Dec.
Nightsoil, Converting, into manure. H. and W. Wilkinson	13148	6 Nov.
Nightsoil-destroyer. G. T. Ritchie	12952	5 Sept.
Nitrogen compounds, Manufacture of. C. S. Bradley and C. B. Jacobs	12526	12 April.
Non-refillable bottle. C. J. Cooze and P. L. Hollings	12650	29 May.
Non-refillable bottle. A. P. Rimoldi and J. D. Rand	12575	4 May.
Non-refillable bottle. J. Stewart	12421	21 Feb.
Oil. J. Vaughan-Sherrin	12326	20 Jan.
Oil and charcoal, Obtaining, from kauri. J. H. Henrikson	12974	21 July.
Oil-cap for axle. C. Y. Dally	12661	2 June.
Oil, Distributing, at sea. F. M. Norris	13279	28 Dec.
Oil-engine. H. N. Bickerton and H. W. Bradley	12293	10 Jan.
Oil-engine. A. J. Knowles	12781	12 July.
Oil-engine, Igniting. A. C. Aucher	13243	13 Dec.
Oil from kauri refuse, Extracting. S. C. R. Trevor	12647	23 May.
Oil from kauri timber, Obtaining. J. H. Henrikson	12505	4 April.
Ointment. A. Vincent	13054	11 Oct.
Opener. (See Envelope-opener, Tin-opener.)		
Ordnance indicator. M. W. Maylard	13185	23 Nov.
Ore, Concentrating. S. M. Lissau	12382	17 Aug.
Ore-concentrator. E. Phillips	13020	28 Sept.
Ore-concentrator. G. E. Woodbury	12772	9 July.
Ore-crusher. E. K. Cooper	12963	8 Sept.
Ore-crushing cradle. H. L. Spring	12410	21 Feb.
Ore-dressing machine. G. Weir	13019	27 Sept.
Ore-furnace. W. E. Hughes	12349	31 Jan.
Ore-furnace. T. D. Merton	13218	6 Dec.
Ore-furnace. C. H. Ward	12901	22 Aug.
Ores, Extraction of metals from. S. H. Johnson and Company (Limited)	12327	20 Jan.
Ores, Extraction of metals from. E. Waters, jun.	12679	13 June.
Ores, Filtro-amalgamation of. H. L. Spring	12409	21 Feb.
Ores, Obtaining zinc from. J. Armstrong	13019	27 Sept.
Ores, Recovering gold from. W. H. Harrison	12956	3 Sept.
Ores, Rendering, friable. K. Miller	12431	1 March.
Ores, Retort for reducing. A. G. Clark	12426	1 March.
Ores, Separating. T. R. Jordan	13193	28 Nov.
Ores, Separating. F. J. Odling and W. Jamieson	13211	4 Dec.
Ores, Separation of metals from. F. E. Elmore	12452	10 March.
Ores, Treating. International Metal Extraction Company	13058	12 Oct.
Ores, Treating. J. H. Lee	13099	26 Oct.
Ores, Treating. Sulphides Reduction (New Process), Limited	12467	19 March.
Ores, Treating. C. H. Ward	12901	22 Aug.
Ores, Treating lead-. A. Germot	12761	5 July.
Ores, Treating sulphide. J. C. Clancy and L. W. Marsland	13196	28 Nov.
Ores, Treating sulphide. H. F. Kirkpatrick-Picard	12933	31 Aug.
Ores, Treating sulphide. H. F. Kirkpatrick-Picard	13160	15 Nov.
Ores, Treating sulphide. J. Swinburne and E. A. Ashcroft	12282	11 July, '99.
Ores, Treating sulphurous. T. N. Beavan	12723	22 June.
Ores, Treating zinc-. A. G. Clark	12425	1 March.
Ores, Treating zinc- and lead-. General Metal Reduction Company (Limited)	12830	2 Aug.
Oxide. (See Zinc-oxide.)		
Oxygen-generator. J. H. Perry	12540	20 April.
Package-filling machine. H. Pettitt	12321	16 Jan.
Packing-case. J. Louisson and A. Hosking	12869	13 Aug.
Pad. (See Heel-pad, Knee-pad, Saddle-pad.)		
Paint, Enamel. J. Vaughan-Sherrin	12326	20 Jan.
Pan. (See Cess-pan.)		
Paper-holder for printing-press. J. Y. Johnston	12699	20 July, '99.
Paramagnetic materials, Separating. E. Gates	13277	28 Dec.
Paste. (See Washing-paste.)		
Pasteuriser. A. P. Hall	12866	13 Aug.
Pasteurising-apparatus, Foam-remover for. L. C. Nielsen and P. V. F. Petersen	12314	18 Jan.
Peg. (See Clothes-peg.)		
Pelts, Removing wool from. W. P. Griffiths	12835	2 Aug.
Pen. (See Fountain-pen.)		
Penholder. F. L. Graham	12927	29 Aug.
<i>Phormium tenax.</i> (See Flax.)		

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Photo-displaying device. B. E. Watts	12366	5 Feb.
Photographic enlargements. J. H. Finlayson	12379	13 Feb.
Photographic film. J. E. Thornton and C. F. S. Rothwell	13159	16 Nov.
Photographs, Producing coloured. Grenier Art Company	12829	2 Aug.
Piano-escapement. W. Over	12820	26 July.
Pig-feeder. C. E. and F. L. Wildbore	12826	1 Aug.
Pile-driver hoisting-gear. G. E. T. Tuck	12874	16 Aug.
Pile, Foundation-. R. O. Clark, jun.	12336	24 Jan.
Pin. W. E. Gladstone	12342	27 Jan.
Pin. (See Draw-pin, Hair-pin, Hat-pin.)		
Pipe-coupling. S. R. Dresser	12563	24 April.
Pipe-cutter. J. Couston and J. Finlayson	12603	12 May.
Pipe-joint-caulking machine. J. Couston and J. Finlayson	12603	12 May.
Pipe. (See also Drain-pipe, Dredge suction-pipe, Metal pipe, Tobacco-pipe.)		
Pipes and castings, Cores for. G. J. Hoskins	13251	11 Dec.
Planing-machines. D. W. Mackay	12518	10 April.
Planing-machine attachment. D. W. Mackay	12887	17 Aug.
Planing-machine cutter. G. A. Gamman	12346	31 Jan.
Plate. (See Drop-plate.)		
Plough. J. W. Stonyer	12439	3 March.
Plough. J. W. Stonyer	12638	21 May.
Plough, Digger-attachment to. T. Hawke	13220	3 Dec.
Plough, Skeith-attachment for. W. Painter	13024	27 Sept.
Ploughing, sowing, manuring, and harrowing. F. Gale and J. Hemphill	13156	15 Nov.
Plough-share. H. M. Whatman and W. J. Ealam	13029	1 Oct.
Pneumatic drill. H. J. Kimman	12276	4 Jan.
Pneumatic expander. C. Bristow	13271	27 Dec.
Pneumatic hammer. H. J. Kimman and E. N. Hurley	12317	18 Jan.
Pneumatic hammer. New Taite-Howard Pneumatic Tool Company (Limited)	12732	22 June.
Pocket. H. Donkin	13233	10 Dec.
Pocket-utter for fabrics. P. Palmer	12819	27 July.
Pocket, Garment-. H. Donkin	12694	19 June.
Poison. (See Rabbit-poison.)		
Pontoon. L. G. Reeves	12459	12 March.
Pontoon, Dredge. L. G. Reeves	12657	26 May.
Pot, Chimney-. G. A. Ritson	12524	12 April.
Potash from wash-liquors of wool, Recovering. J. Smith and Sons and W. Leach	12762	5 July.
Potato-digger. New Zealand Loan and Mercantile Agency Company (Limited)	13051	8 Oct.
Poultice. J. Scott	12484	22 March.
Power, Obtaining, from the sea. C. and J. Parmenter	13155	12 Nov.
Preservation of alimentary substances. L. L. Carpentier	12476	19 March.
Preservation of meat. W. Coates, A. M. Shand, and G. F. J. Hewitt	12417	22 Feb.
Preservative covering for hams, &c. J. Mitchell	12600	12 May.
Preserving and purifying. J. Clarke	13172	13 Nov.
Preserving-can. C. Bristow	12566	26 April.
Preserving composition. F. W. Quaife	12980	13 Sept.
Press. (See Embossing-press, Printing-press, Wool-press.)		
Press-copying. F. Broad	12979	13 Sept.
Presser, Butter-. W. Gow	12543	20 April.
Primus lamp burner. W. T. Pearce and W. H. Spiller	12538	18 April.
Printers' galley. J. Knight and W. A. Jennings	12272	3 Jan.
Printing-dies and inking devices. J. Y. Johnston	12700	+20 July, '99
Printing-dies, Removing ink from. J. Y. Johnston	12698	+20 July, '99
Printing, Illustration-. Christchurch Press Company (Limited) and J. V. Price	12821	28 July.
Printing-ink. F. C. Taylor	12818	27 July.
Printing-machine. P. A. Hadley and J. J. Joyce	13012	24 Sept.
Printing machine, Timber-. D. W. Mackay	12518	10 April.
Printing-press. J. Y. Johnston	12696	+19 July, '99
Printing-press. J. Y. Johnston	12701	+20 July, '99
Printing-press inking-apparatus. J. Y. Johnston	12697	+18 July, '99
Printing-press paper-holder. J. Y. Johnston	12699	+20 July, '99
Propeller. (See Screw.)		
Propeller-brake. W. Lonergan and S. Scammell	12604	12 May.
Propelling mechanism, Cycle-. J. E. Friend and J. Sawers	12664	6 June.
Prospecting apparatus, Gold-. F. W. Bryant	13078	18 Oct.
Prospecting-machine. J. Corbett	12827	28 July.
Prospecting shaft or cylinder, Sinking. A. and R. M. Aitken	13040	1 Oct.
Protector. (See Boot-protector.)		
Provision covering, Preservative. J. Mitchell	12600	12 May.
Pulley-block. J. Shepherd	12537	8 May.
Pulling-over machine for bootmaking. United Shoe Machinery Company	12790	17 July.
Pulverised substances, Separating. E. Gates	12897	22 Aug.
Pulverised substances, Separating. E. Gates	12898	22 Aug.
Pulverised substances, Separating. E. Gates	12899	22 Aug.
Pump. J. Aitken	13162	15 Nov.
Pump. F. W. Bryant	12553	20 April.
Pump. J. Burns	13088	23 Oct.
Pump. Fraser and Chalmers (Limited)	12760	5 July.
Pump. C. A. Harris	12477	21 March.
Pump. J. S. Morton	12849	4 Aug.
Pump. J. W. Robertson	12770	7 July.
Pump. E. Seitz	12994	20 Sept.
Pump, Tire-. H. H. Henning	12432	23 March.
Punt. (See Silt-pump.)		
Purifying and preserving. J. Clarke	13172	13 Nov.
Rabbit-carrying appliance. W. B. Galloway	12531	10 April.
Rabbit-crate. W. Burrell and J. W. Story	12334	23 Jan.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Rabbit-crate. W. Heir	12487	27 March.
Rabbit-crate. N. H. Macmeikan	12418	22 Feb.
Rabbit-poison. J. Matheson	12690	19 June.
Rabbit-trap fastener. W. Taylor and A. Pasco	12756	3 July.
"Racing" of marine engines, Preventing. J. Speight and W. Joyce	13067	15 Oct.
"Racing" of steamship propellers, Preventing. W. Lonergan and S. Scammell	12604	12 May.
"Racing" of steamship screws, Preventing. J. Hutchinson	12570	26 April.
Racing-tips for horses. A. Smith	12408	16 Feb.
Rack. (See Clothes-rack.)		
Rail cleaner, Tramway-. D. Nable	12465	16 March.
Rail-joint. F. B. Hart	12788	16 July.
Rails, Joining. J. H. Pomeroy	12620	12 May.
Railway. (See Electric railway.)		
Railway- and road-grader. H. Hirst	13235	6 Dec.
Railway-brake. J. Bowman	13122	31 Oct.
Railway-brake. H. E. Gresham	12350	31 Jan.
Railway buffer and coupling-gear. C. P. White	12315	26 July.
Railway-car coupling. A. G. Blackwell	12462	16 March.
Railway-car coupling. Darling's Patent Automatic Company (Limited)	12389	16 Feb.
Railway-carriage truck. J. Bragge	12949	4 Sept.
Railway coupler and buffers. J. Willison	13212	5 Dec.
Railway coupling. C. Burrigide and H. Brown	13057	12 Oct.
Railway coupling. C. H. Hewer	12646	124 June, '99
Railway coupling. G. Westinghouse	12656	30 May.
Railway coupling-gear. A. Dornbusch	12314	18 Aug.
Railway coupling-gear. H. R. Walker	12975	12 Sept.
Railway-crossing alarm. W. S. Dunstan	12315	18 Jan.
Railway draught appliances. G. Westinghouse	12656	30 May.
Railway draw-pin and catch. G. A. Pearson	12671	11 June.
Railway-road lever. W. A. Verey	12449	6 March
Railway speed-indicator. F. Raper, jun.	12738	25 June.
Railway switch and semaphore apparatus. E. Waters, jun.	13182	23 Nov.
Railway-trains, Telephonic and signal communication for. H. Gulliver and T. C. Fowler	12368	13 Aug.
Railway-vehicles, Electric lighting of. W. E. Hughes	12395	16 Feb.
Rain-excluder for door. J. H. Scott	13268	18 Dec.
Raiser, Water-. P. C. K. Young	12302	11 Jan.
Rake. C. Simpson	13041	3 Oct.
Range-finder for rifle. C. A. Trotter	13042	5 Oct.
Rat-trap. T. Mitchell	12494	29 March.
Rat-trap. H. J. Rodgers and J. Lamberg	12584	7 May.
Rat-trap. F. Treweek	13011	24 Sept.
Receiver for electrical oscillations. Marconi's Wireless Telegraph Company (Limited)	13097	26 Oct.
Receptacle. S. R. Bellingham, D. Fell, and N. P. Richards	13141	7 Nov.
Receptacle. F. and G. N. Lucas	12987	13 Sept.
Receptacle and measurer. W. R. Fry	12934	31 Aug.
Receptacle-cover and cooking-utensil combined. J. R. and G. C. Hayward	12606	12 May.
Record-strips for type-forming machine. Lanston Monotype Machine Company	13275	28 Dec.
Reflector. (See Candle shade and reflector.)		
Refrigerator. A. Campbell	13093	26 Oct.
Refuse-bin. C. A. Beal and J. Eustace	12749	28 June.
Refuse-bin. J. Morris	12651	30 May.
Register. (See Cash-register.)		
Registering-machine, Electoral. H. Droulege	12941	30 Aug.
Regulator. (See Steam-regulator, Steam-pressure regulator.)		
Reservoir and syringe combined. J. H. Walker	12338	2 Aug.
Retort. A. G. Clark	12426	1 March.
Retort. W. Coulson	13223	4 Dec.
Retort-manufacturing process. A. G. Clark	12427	1 March.
Revolver. I. Wheelton	12539	19 April.
Ridge-capping, Ventilating. J. Watson	12929	28 Aug.
Ridge-drill. A. Storrie	12284	4 Jan.
Ridger, Disc. J. Macalister	12299	6 Jan.
Riding-saddle. P. Woods	12637	23 May.
Rifle. I. Wheelton	12539	19 April.
Rifle, Dummy. D. Cameron	12808	24 July.
Rifle range-finder. C. A. Trotter	13042	5 Oct.
Rifle-sight. A. Church	12919	24 Aug.
Rifle-sight. E. C. Gage and H. G. Drew	13203	1 Dec.
Rifle, Wire-cutter for. W. Hall	12419	20 Feb.
Rim for milk-can lid. G. Smart and R. W. Ashcroft	13111	29 Oct.
Ring. (See Bag-ring.)		
Ripple. (See Gold-saving ripples.)		
Ripple-mat, Gold-saving. A. Anderson, W. Ross, and H. Walton	12582	3 May.
Riveting-apparatus. H. J. Kimman	12456	12 March.
Road-cleaner. H. J. Ranger	12801	21 July.
Road coating composition. J. McCombie	13258	13 Dec.
Road-grader. H. Hirst	13235	6 Dec.
Rock-drill. F. H. Dannhardt and M. Mailer	12464	16 March.
Rock-drill. M. C. Jackson, J. McDonough, and A. J. Clark	12387	16 Feb.
Rocker and concentrator, Gold-saving. G. Leech	12747	28 June.
Rocket signalling. W. J. C. Stokes	12670	9 June.
Rocking-horse. W. E. Perry	12785	11 July.
Roller. (See Feed-roller.)		
Rolling machine, Leather-. C. Suttie	12643	23 May.
Rolls, Horse-collar. D. Brigham	12932	28 Aug.
Roofing, Closing the openings of corrugated. W. J. Kissell	13023	26 Sept.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor	No.	Date.
Root cutter or slicer. J. Dunn	18043	7 Oct.
Rope. (See Hauling-rope.)		
Rope-clip. G. G. McAlpine	13149	8 Nov.
Rope coupling or grip. W. G. Mouat and R. Wales	13215	4 Dec.
Rotary disc ridger. J. Macalister	12299	6 Jan.
Rotary engine. H. A. Buck	12468	19 March.
Rotary engine. T. B. Dineen	12618	11 May.
Rotary engine. N. R. Gordon	12716	22 June.
Rotary engine. C. H. Taylor	12371	8 Feb.
Rotary engine. W. O. Taylor	12948	4 Sept.
Rotary engine. E. Waters, jun.	12478	21 March.
Rubber-like substance, Manufacturing. W. E. Hughes	12348	31 Jan.
Rug. G. Schütze	12945	3 Sept.
Ruling-machine. W. G. Tilley	13109	25 Oct.
Rust, Prevention of. T. Hood and F. Treweek	12363	3 Feb.
Saddle. J. J. Harris and E. Toft	12279	4 Jan.
Saddle. A. G. Thompson	13081	16 Oct.
Saddle. P. Woods	12637	23 May.
Saddle, Convertible. P. Woods	12981	13 Sept.
Saddle-cover. C. B. M. Branson	12676	12 June.
Saddle-pad. A. R. Donisthorpe	13259	20 Dec.
Salt, Method of keeping, in a powdered state. T. Vivian	12403	20 Feb.
Salt-sprinkler. J. Anderson	13214	1 Dec.
Sand-extraction. (See Magnetic sand.)		
Sand, Separating gold from. W. E. Spencer	13237	8 Dec.
Sand, Separating gold from black. G. J. A. Richardson	12572	30 April.
Sand-soap powder. H. A. Pyke	12853	8 Aug.
Sanitary receptacle. F. and G. N. Lucas	12937	13 Sept.
Sash. (See Window-sash.)		
Sash-and-frame combination. H. Mayr	13084	20 Oct.
Sash-fastener. J. L. Kirkbride	12693	19 June.
Sash-fastener. J. D. Tripe	12764	2 July.
Sash-fastener. (See also Window-fastener.)		
Sashes, Hanging. W. Fairhead	12458	14 March.
Saucer. G. F. Townshend	12530	9 April.
Saving gold. (See Gold.)		
Saw-and-bench combination. C. Y. Dally	12850	27 Aug.
Sawing-machine. D. W. Mackay	12518	10 April.
Sawing. (See also Stone-sawing.)		
Scalper, grader, and dresser. G. T. Smith and W. Gardner	12493	30 March.
Scoop. W. Horman	12319	15 Jan.
Scoop. (See also Cesspit-scoop, Dredge-scoop, Earth-scoop, Stack-scoop.)		
Scraping flax. (See Flax.)		
Screen. (See Dredge-screen, Gold-dredging screen, and Gold-saving screen.)		
Screw, Preventing "racing" of steamer's. J. Hutchinson	12570	26 April.
Screw-threaded wire, Machine for forming. United Shoe Machinery Company	12947	4 Sept.
Scutcher. (See Flax-scutcher.)		
Scutching-bar. J. East	12662	31 May.
Sea, Distributing oil at. F. M. Norris	13279	28 Dec.
Sea, Obtaining power from. C. and J. Parmenter	13155	12 Nov.
Sealing-buckle for mail-bag. A. F. Thompson	13073	17 Oct.
Sealing perishable substances. F. W. Quaife	12980	13 Sept.
Seat. J. J. Harris and E. Toft	12279	4 Jan.
Seat-adjuster for trap. H. R. Sloan	13135	5 Nov.
Seat adjuster, Vehicle. E. R. Atkin	12682	11 June.
Seed- and manure-sower. W. A. Land	12822	28 July.
Seed-cleaner. R. A. Wilson	12332	23 Jan.
Seed dresser, Grass. W. T. and W. J. Nuttall and H. P. Meyer	12797	19 July.
Seed-feeder. C. Bristow	12309	16 Jan.
Seed-sower. C. Bristow	12703	18 June.
Seed-sower. W. E. Chamberlain	13129	2 Nov.
Seed-sower, Drill-attachment to. H. J. Alley	12386	13 Feb.
Semaphore. E. Waters, jun.	13182	23 Nov.
Semaphore. H. R. Walker	12862	11 Aug.
Separating gold from sand. W. E. Spencer	13237	8 Dec.
Separating gold from black sand. G. J. A. Richardson	12572	30 April.
Separating ores. T. R. Jordan	13193	28 Nov.
Separating paramagnetic materials. E. Gates	13277	28 Dec.
Separating pulverised substances. E. Gates	12897	22 Aug.
Separating pulverised substances. E. Gates	12898	22 Aug.
Separating pulverised substances. E. Gates	12899	22 Aug.
Separator. (See Centrifugal separator, Electro-magnetic separator, Gold-separator, Silt-separator.)		
Serviette-fastener. A. H. Brownley	12481	6 April.
Sewage-discharge valve. W. Parker	12626	18 May.
Sewage-treating apparatus. W. Parker	12624	18 May.
Sewage-treating apparatus. W. Parker	12625	18 May.
Sewing-machine. (See Boot- and shoe-sewing machine.)		
Shade adjuster, Window. H. House	12312	15 Jan.
Shade. (See also Candle-shade.)		
Shaft for dredge-tumbler. P. Ellis	12851	8 Aug.
Shaft-tug. J. Henderson	13272	27 Dec.
Shafts or cylinders, Sinking prospecting. A. and R. M. Aitken	13040	1 Oct.
Sharpener, Sheep-shears. A. D. Graham	12466	16 March.
Shawer. (See Turnip-shawer.)		
Shearing-machine. W. H. Eyres	13198	28 Nov.
Shears. (See Sheep-shears, Sheet-metal shears.)		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Invention, and Name of Inventor	No.	Date.
Sheep-dip. W. Todd	12460	16 March.
Sheep-shears sharpener. A. D. Graham	12466	16 March.
Sheep-truck. W. Anderson	13120	31 Oct.
Sheet-metal boxes, Closing. C. F. Mendham	13010	24 Sept.
Sheet-metal shears. A. Twidle	13035	2 Oct.
Shelf-securing device. A. F. Talbot	12322	17 Jan.
Shelves, Fastener for. G. Allen	12636	23 May.
Shield, Knife. F. R. Claude	12732	21 June.
Ship. (See Air-ship, Hull, Vessel.)		
Ship-bottoms, Apparatus for cleaning. J. W. Fowler	12313	25 July.
Ships, Composition for preventing marine growths on. T. S. Mully	13171	16 Nov.
Ships' davits. J. Forbes	13170	15 Nov.
Ships' davits. A. S. Ford	13133	20 Nov.
Ships' holds, Method of destroying vermin in. A. Grant	12470	15 March.
Ships, Ventilating. R. Franklin	12541	20 April.
Shirt. W. R. Blythe	13028	28 Sept.
Shirt. F. V. Raymond and R. Wales	12473	20 March.
Shirt-collar fastener. F. V. Raymond and R. Wales	12474	20 March.
Shirt-collar fastener. R. Wales and F. V. Raymond	12504	4 April.
Shirts, Glazing. G. S. C. Ford	12946	3 Sept.
Shoe-fastener. R. Ireland	12412	21 Feb.
Shoe-heel. H. B. Haigh	12392	16 Feb.
Shoe or boot. A. Williams	13048	8 Oct.
Shoe. (See also Boot, Horse-shoe.)		
Shoot. (See Dredge-shoot.)		
Shop-window bracket. J. Mead, sen.	12931	28 Aug.
Shower-bath. D. J. Young	13130	2 Nov.
Sight. (See Firearm-sight, Rifle-sight.)		
Signal communication on railway-trains. H. Gulliver and T. C. Fowler	12368	13 Aug.
Signalling. R. T. Bickerton and J. A. Morgan	12514	6 April.
Signalling, Rocket. W. J. C. Stokes	12670	9 June.
Silicides, Manufacturing. International Chemical Company	13017	27 Sept.
Silt-punt. J. S. Maxwell	13030	15 Oct.
Silt-separator for dredge. E. A. G. Hamlin	12729	25 June.
Silver. (See Gold.)		
Silver-extraction. F. A. Rich	12535	12 April.
Silver-extraction process. J. A. Coe	12546	20 April.
Sink. D. A. Owen	12521	19 April.
Sink. (See also Yard-sink.)		
Sinking prospecting shafts or cylinders. A. and R. M. Aitken	13040	1 Oct.
Skeith. S. Trevurza	13238	13 Dec.
Skeith attachment for plough. W. Painter	13024	27 Sept.
Skins, Removing wool from. W. P. Griffiths	12835	2 Aug.
Skins, Tanning. E. Waters, jun.	12680	13 June.
Skirt. (See Cycling-skirt.)		
Slasher. G. Robinson	12705	21 June.
Slimes, Filter for treatment of. G. and S. E. Fraser	13224	4 Dec.
Slop-bucket and night-commode. W. Healey	12437	28 Feb.
Sluice-box-clearing apparatus. E. E. Collins	12677	8 June.
Sluicing, Appliance for use in. J. B. C. Watt	12678	8 June.
Small-arm, Breech-loading. C. P. Webendorfer	13166	15 Nov.
Smelting and purifying process. C. E. Manton and J. W. Rayfield	13161	15 Nov.
Smoke-conveyor and spark-extinguisher. L. G. Reeves	13089	19 Oct.
Smoothing-iron and heater. N. Townshend	13107	24 Oct.
Snatch-block. C. M. Malfroy	12308	16 Jan.
Soap-powder. H. A. Pyke	12853	8 Aug.
Socket. (See Drain-pipe socket.)		
Soldering aluminium. H. Lange	12995	20 Sept.
Sole. (See Boot-sole, Clump-sole.)		
Sole-leather-rolling machine. C. Suttie	12643	23 May.
Sower. (See Seed-sower, Seed and manure-sower.)		
Sowing, manuring, and harrowing in combination with ploughing. F. Gale and J. Hemphill	13156	15 Nov.
Spading-harrow. F. G. Brigham	12303	20 July.
Spark-arrester. E. A. Cameron	12422	23 Feb.
Spark-arrester. L. P. Halcrow	12730	21 June.
Spark-arrester. J. F. McCarthy	12525	9 April.
Spark-arrester. G. H. Mackenzie	12794	12 July.
Spark-arrester. H. R. Walker	12976	12 Sept.
Spark arrester and extinguisher. E. Richardson	12930	30 Aug.
Spark arrester and extinguisher. J. W. Willett and C. O. H. Gordon	13032	3 Oct.
Spark-arrester and fuel-economiser. E. A. Cameron	12422	23 Feb.
Spark-arrester and fuel-economiser. E. A. Cameron	13178	19 Nov.
Spark-extinguisher. C. W. Constable and J. Tyrrell, jun.	12359	7 Aug.
Spark-extinguisher. J. McCreath	12517	10 April.
Spark-extinguisher. A. Morrow	13197	27 Nov.
Spark extinguisher. H. Noy	12640	19 May.
Spark-extinguisher. L. G. Reeves	13089	19 Oct.
Spark-extinguisher. G. J. A. Richardson	13105	22 Oct.
Spark-stopper. H. Gunn	12507	29 March.
Spectacle attachment. D. Rugg	12878	13 Aug.
Speed-indicator, Railway. F. Raper, jun.	12738	25 June.
Speed-regulator for countershafts. P. W. Fryer	12608	12 May.
Spelter, Manufacturing. General Metal Reduction Company (Limited)	12831	2 Aug.
Spinning-machine. V. Belanger	12277	4 Jan.
Spirit-engine. A. J. Knowles	12781	12 July.
Spirits from kauri refuse, Extracting. S. C. Trevor	12647	23 May.
Splitter. (See Timber-splitter.)		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Invention, and Name of Inventor.	No.	Date.
Spoon, knife, and fork combined. S. E. G. Coleman	12588	8 May.
Spouting-bracket. H. G. Bedell	13027	29 Sept.
Spouting-hopper. S. Oxenham	12376	12 Feb.
Spouting-strap. W. A. Holman	12686	12 June.
Spouting-strap. W. A. Holman	12733	21 June.
Spouting. (See also Guttering.)		
Sprinkler, Salt-. J. Anderson	13214	1 Dec.
Spur attachment. R. P. Chatfield	13006	22 Sept.
Stack-butt scoop. W. Horman	12319	15 Jan.
Stack scoop. J. W. Deegan	13014	26 Sept.
Stamp, Celluloid. D. Lichtenberg-Madsen	12390	16 Feb.
Stamping, branding, and embossing apparatus. O. B. Moller, R. Tomline, and W. C. Greig	13150	10 Nov.
Standard. (See Fencing-standard.)		
Staple. (See Breeching-staple.)		
Staple-drawer and wire-cutter combined. W. R. Morgan	12823	26 July.
Staple-extractor. A. Lavery	12928	28 Aug.
Staple-extractor. A. M. McNeill	12746	26 June.
Starch, Packing. T. Bell	12895	28 Aug.
Steam-cooker. F. A. Nevill	12434	8 March.
Steam dryer and superheater. W. Schmidt	12304	13 Jan.
Steam-engine. E. Waters, jun.	12478	21 March.
Steam-engine. W. Werry	13167	16 Nov.
Steam-generator. H. Braby	12324	18 Jan.
Steam-generator. H. A. Buck	12445	7 March.
Steam-pressure regulator. D. C. Streeter	12695	16 June.
Steam-regulator for compound engine. W. Schmidt	12305	13 Jan.
Steamship-driving mechanism. J. A. Belk	12281	4 Jan.
Steamship propellers, Preventing "racing" of. W. Lonergan and S. Scammell	12604	12 May.
Steamship screws, Preventing "racing" of. J. Hutchinson	12570	26 April.
Steam-turbine, Ring of blades for. C. A. Parsons, G. G. Stoney, and H. F. Fullagar	12495	31 March.
Steel, Manufacturing. A. Tropenas	12429	1 March.
Steel, Manufacturing. A. Tropenas	13063	12 Oct.
Step-ladder. J. J. Collis	13179	19 Nov.
Sterilising liquids. J. Y. Johnston	13188	26 Nov., '99
Stitch-forming machine. United Shoe Machinery Company	12372	8 Feb.
Stoker for steam-boiler. J. Miller	12777	7 July.
Stone crusher jaws. E. Girdler	12527	9 April.
Stone-sawing machine. J. H. Gay	13108	22 Oct.
Stop. (See Door-stop.)		
Stopper and tap combined. W. J. Dalton	13000	17 Sept.
Stove. C. Clamond	12834	2 Aug.
Strainer. (See Clothes-strainer, Milk-strainer, Wire-strainer.)		
Strap. (See Brake-strap, Spouting-strap.)		
Strap-coil for electrical machine. British Westinghouse Electric and Manufacturing Company (Limited)	13168	16 Nov.
Straw-elevator for thresher. J. C. Naismith	12496	28 March.
Street-watering cart. P. and D. Duncan (Limited)	12972	11 Sept.
Street. (See also Road.)		
Stripper and harvester. J. Quinn, J. H. Turland, and W. G. Archer, sen.	13070	15 Oct.
Stud. (See Collar-stud.)		
Stuffing-box. H. S. Durand	12735	26 June.
Stuffing-box. H. S. Durand and R. K. McLellan	12734	26 June.
Stump-jack. A. W. Collett and J. C. Riley	12358	10 Aug.
Stump-jack. H. C. Jensen	12289	10 Jan.
Stumps. (See Cricket-stumps.)		
Suction-pipe. (See Dredge suction-pipe.)		
Sulphide ores, Treating. J. C. Clancy and L. W. Marsland	13196	28 Nov.
Sulphide ores, Treating. H. F. Kirkpatrick-Picard	12933	31 Aug.
Sulphide ores, Treating. H. F. Kirkpatrick-Picard	13160	15 Nov.
Sulphide-ore treatment. J. Swinburne and E. A. Ashcroft	12282	11 July, '99
Sulphides, Treating. E. Waters, jun.	12789	16 July.
Sulphurous ores, Treating. T. N. Beavan	12723	22 June.
Support. (See Bicycle-support.)		
Swingle-tree. (See Whipple-tree, Yoking horses.)		
Swingle-tree end. J. Hair	12955	3 Sept.
Switch. (See Electric switch, Railway switch, Telephone switch.)		
Syphon. J. Welsby and H. G. Bedell	13015	27 Sept.
Syringe and reservoir combined. J. H. Walker	12838	2 Aug.
Table. (See Billiard-table, Concentrating-table, Gold-saving table.)		
Tablet. C. L. Benedict	12391	16 Feb.
Tailer, castrator and ear-marker. T. W. Allen	12556	18 April.
Tailings, Separating gold from. F. J. W. Gascoigne and H. H. Murdoch	13134	2 Nov.
Tanning hides and skins. E. Waters, jun.	12680	13 June.
Tap and stopper combined. W. J. Dalton	13000	17 Sept.
Taps, Securing to tins. G. A. Watson	12943	30 Aug.
Tappet-head. J. L. Kirkbride	12731	25 June.
Target. D. Edwards	12842	8 Aug.
Tea-infuser. G. Claydon	12455	9 March.
Teapot. J. H. H. Lewis	12547	20 April.
Tea receptacle and measurer. W. R. Fry	12934	31 Aug.
Telegraphic apparatus. S. G. Brown	12562	24 April.
Telegraphy, Wireless. Marconi's Wireless Telegraph Company (Limited)	13213	5 Dec.
Telephone. P. Rabbidge	12957	3 Sept.
Telephone and call-bell system. G. L. Anders	12633	22 May.
Telephone-switch. P. Rabbidge	12298	8 Jan.
Telephonic communication for railway-trains. H. Gulliver and T. C. Fowler	12868	13 Aug.
Tellurium, Treating ores containing. T. N. Beavan	12723	22 June.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Invention, and Name of Inventor.	No.	Date.
Temperature controller, Cream-. J. Anderson	12274	3 Jan.
Temperature-indicator. E. B. McKay	12645	25 May.
Temperature-indicator. L. Morris and R. Young .. .	12316	18 Jan.
Temperature-reducing composition. M. Davies .. .	13200	28 Nov.
Tension on loading cableways, Maintaining. E. Maxwell .. .	12718	22 June.
<i>Teredo-navalis</i> , Composition for destroying. T. S. Mullyay .. .	13171	16 Nov.
Terminal. (See Nernst lamp terminal.)		
Thawing, Treating meat while. A. H. Chapman .. .	12545	20 April.
Thinner. (See Turnip-thinner.)		
Thresher, Straw-elevator for. J. C. Naismith .. .	12496	28 March.
Threshing-apparatus. F. Jacobs	12337	25 Jan.
Ticket-holder. T. Awdry	13278	28 Dec.
Timber, Instructing in measurement of. W. J. Morgan .. .	12311	16 Jan.
Timber-dressing attachment to planing-machines. D. W. Mackay .. .	12887	17 Aug.
Timber sawing, planing, and printing machine. D. W. Mackay .. .	12518	10 April.
Timber-splitter. A. Carter	12622	17 May.
Time check and indicator. M. W. Maylard	13184	23 Nov.
Tin. H. August	12605	10 May.
Tin. J. Gell	12537	18 April.
Tin bucket frame, Kerosene-. D. C. Kee	12771	7 July.
Tin-opener. G. A. Watson	12921	24 Aug.
Tins, Connecting. A. W. Macnochie	12724	22 June.
Tins, Securing taps to. G. A. Watson	12943	30 Aug.
Tip. (See Cigarette-tip.)		
Tips for racehorse. A. Smith	12408	16 Feb.
Tire. (See also Cycle-tire.)		
Tire. T. Burrell	12415	22 Feb.
Tire. J. H. Cooke and J. S. H. Hammond	13121	31 Oct.
Tire. G. E. Garard	13007	21 Sept.
Tire. T. Gare	13262	20 Dec.
Tire. R. W. Gibbs and H. S. Tunnicliffe	13147	8 Nov.
Tire. F. Jones	12443	7 March.
Tire. F. P. Wood	12876	13 Aug.
Tire. H. Bloomfield	12872	15 Aug.
Tire cover, Cycle-. F. Jones	12854	8 Aug.
Tire cover, Cycle-. G. H. Scott	12609	14 May.
Tire, Producing air-pressure in. A. C. and L. S. Andersen .. .	13165	15 Nov.
Tire-pump. H. H. Henning	12482	23 March.
Tire-shield. F. P. Wood	12877	13 Aug.
Tobacco-cutter. J. L. E. Bourbaud	12548	20 April.
Tobacco-cutter. A. McDonald and E. E. Turner .. .	12384	15 Feb.
Tobacco-pipe. J. Ward	13106	23 Oct.
Tool. (See Bootmaker's tool, Fencing-tool.)		
Toothache-cure. T. Walsh	12692	19 June.
Top. (See Chimney-top.)		
Totalisator, Calculating and indicating apparatus for. H. Reynolds .. .	13180	20 Nov.
Tow-hackler. E. A. Gibbon	12428	2 March
Toy. A. H. Cotton	12516	5 April.
Traction, Contact-stud for electric. W. Kingsland .. .	12394	16 Feb.
Traction, Electric. W. Kingsland	12393	16 Feb.
Traction-engine. B. J. Diplock	12881	17 Aug.
Traction-engine, Crane and friction-hoist for. J. E. Watkins .. .	12888	18 Aug.
Trains, Electrical connector for. T. E. Moorhouse .. .	12357	1 Feb.
Tram-rail cleaner. D. Nable	12465	16 March.
Tramway rope-clip. G. G. McAlpine	13149	8 Nov.
Transporting apparatus. E. McGregor	12340	25 Jan.
Transporting apparatus, Dredging and. E. McGregor .. .	12923	29 Aug.
Trap. (See Fly-trap, Rabbit-trap, Rat-trap.)		
Trap-seat adjuster. H. R. Sloan	13135	5 Nov.
Traversing hoist. W. L. Luxford, A. H. Wylds, and J. H. Hankins .. .	12486	27 March.
Tray. (See Bunk-tray, Egg-tray.)		
Trough, Feeding-. L. Holden	12672	11 June.
Trousers, Cycling. G. D. Jones	12631	19 May.
Truck. (See Railway-carriage truck, Sheep-truck.)		
Tub, Bath-. D. A. Owen	12521	19 April.
Tub-emptying device. E. Basstian	12508	6 April.
Tube roller, Metal-. H. Dalton	12331	20 Jan.
Tug. (See Shaft-tug.)		
Tumbler. (See Dredge-tumbler.)		
Turbine. (See Steam-turbine.)		
Turnip- and rape-sower. W. E. Chamberlain	13129	2 Nov.
Turnip-cutter. J. G. Ruddenklau	13066	12 Oct.
Turnip shaver and lifter. G. W. Penney	12356	9 Aug.
Turnip-thinner. J. Macalister	12299	6 Jan.
Twine-holder. F. C. J. Olsen	12320	15 Jan.
Twisting-machine. V. Belanger	12277	4 Jan.
Twisting. (See Warp-twisting.)		
Type-forming machine, Record-strips for. Lanston Monotype Machine Company .. .	13275	28 Dec.
Tyre. (See Tire.)		
Upper. (See Boot-upper.)		
Utensil. (See Cooking-utensil.)		
Vacuum-tube lighting. Moore Electrical Company .. .	12550	20 April.
Valve. J. Nicol and P. Ellis	12307	15 Jan.
Valve for sewage discharge. W. Parker	12626	18 May.
Valve for water-cistern. R. Garnham	12755	3 July.
Varnish. J. Vaughan-Sherrin	12326	20 Jan.
Vehicle. (See Auto-vehicle, Motor-vehicle, Seat-adjuster.)		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—*continued.*

Invention, and Name of Inventor.	No.	Date.
Vehicle-loader. J. Day	12967	12 Sept.
Velocipede driving-gear. F. A. Rich	13056	8 Oct.
Velocipede. (See Bicycle, Cycle, Tire, Water-bicycle.)		
Ventilating-cowl. J. Orr and T. McCulloch	12915	23 Aug.
Ventilating-machine. J. P. Main	13096	26 Oct.
Venetian blinds, Check action for. W. C. Gee	12513	6 April.
Ventilating ships. R. Franklin	12541	20 April.
Ventilator. W. B. Johnson	12792	16 July.
Ventilator. (See also Mine-ventilator.)		
Ventilator-brick. J. W. Buddle	12583	4 May.
Ventilator-brick. R. E. Nightingale	12506	4 April.
Ventilator-brick. R. E. Nightingale	13231	8 Dec.
Ventilator-cowl. E. Toms	12380	15 Feb.
Ventilator-top. G. McCaul	12607	12 May.
Vermin-destroying method. A. Grant	12470	15 March.
Vessel. (See Hull, Ship.)		
Vessel for insecticide. W. Bromiley	12892	17 Aug.
Vice. J. Long	13260	20 Dec.
Voting-machine. Trommlitz Vote-register Company	12591	10 May.
Wall-bracket. G. Carrington	13280	28 Dec.
Warp twisting-in machine. A. Goss	13261	20 Dec.
Wash. (See Wool-wash.)		
Washer. (See Clothes-washer.)		
Washing appliance, Clothes-. J. Hay	12360	2 Feb.
Washing-boiler-emptying device. E. Basstian	12508	6 April.
Washing-boiler flange. R. Lochhead	12450	5 March.
Washing-fluid. J. Ferguson	12786	11 July.
Washing machine, Clothes-. C. J. Cooze	13082	19 Oct.
Washing-paste. J. Northey	12954	3 Sept.
Water-bicycle. F. Winter and J. Olsen	13136	3 Nov.
Water-closet-flushing cistern. J. M. Taylor and H. Oakley	12234	12 Dec.
Water-closet seat-cover. F. J. Olsen	12430	1 March.
Water-closet syphon. J. Welsby and H. G. Bedell	13015	27 Sept.
Watercourse-cleaner. A. E. Hight	12863	11 Aug.
Water heater and condenser. T. Grundy	13270	21 Dec.
Watering. (See Street-watering.)		
Water-motor. J. Speight	13091	29 Oct.
Water-purifying. (See Filter.)		
Water-race cleaner. R. P. Grant	12711	21 June.
Water-raising. P. C. K. Young	12302	11 Jan.
Water-wheel. R. Millar	13127	29 Oct.
Weigher. (See Liquid-weigher.)		
Weighing can, Milk-. J. A. Kinsella	12498	30 March.
Weight. (See Sash-weight.)		
Well sinking, Artesian-. J. Osborne	12704	19 June.
Well sinking, Artesian-. J. Osborne	13173	15 Nov.
Wheat to flour, Reducing. C. L. Wheeler	12844	2 Aug.
Wheel. H. Caspers	13183	23 Nov.
Wheel. W. and J. Hagerty, H. P. Rasmussen, and A. C. Henderson	13232	10 Dec.
Wheel. G. G. Turri	12780	12 July.
Wheel, Automatic. H. Rose and W. Hockin	12717	22 June.
Wheel, Water-. R. Millar	13127	29 Oct.
Whipple-tree. G. Claydon	12454	9 March.
Whipple-tree. J. Smaill	12628	16 May.
Whipple-tree. A. Yager	12883	17 Aug.
Winch. R. A. McLeod	12659	30 May.
Winch. J. R. Perry	12589	7 May.
Window. J. Darling	13064	†3 Mar., '00
Window. A. H. Fisher	12616	14 May.
Window-fastener. J. J. Boagey	13072	15 Oct.
Window fastener or grip. G. C. Smith	12655	30 May.
Window-sash catch. W. E. Hunter	12855	10 Aug.
Window-sash, Holding device for. S. Ogden	12890	17 Aug.
Window sash opening, closing, and fastening apparatus. H. Shaw and J. J. Ewing	12924	29 Aug.
Window-sash-securing device. J. D. Tripe	12764	2 July.
Window-sashes, Means of raising and lowering. T. James, sen.	12783	13 July.
Window-shade adjuster. H. House	12312	15 Jan.
Window. (See also Sash.)		
Wire coiler and uncoiler. C. W. Symons	13144	5 Nov.
Wire-cutter and staple-drawer combined. W. R. Morgan	12823	26 July.
Wire-cutter for rifle. W. Hall	12419	20 Feb.
Wire cutter, strainer, and key combined. J. and J. Rapson	12787	14 July.
Wire-forming machine, Screw-threaded. United Shoe Machinery Company	12947	4 Sept.
Wire-grip. F. T. Page	13266	20 Dec.
Wire mattress. A. Richards	12471	16 March.
Wire-netting coiler. A. Hide	12359	2 Feb.
Wire-netting coiler. C. W. Symons	13144	5 Nov.
Wire-netting fence. F. S. Ellerm	12885	17 Aug.
Wire-strainer. J. H. L. Barry	13207	3 Dec.
Wire-strainer. J. Brown	12968	12 Sept.
Wire-strainer. R. Brown	12369	8 Feb.
Wire-strainer. J. G. H. Buttolph	13177	19 Nov.
Wire-strainer. A. Hamilton	13022	25 Sept.
Wire-strainer. N. Jensen	13228	8 Dec.
Wire-strainer. W. H. Norton	12555	18 April.
Wire-strainer. H. A. Wilson	12743	29 June.
Wire-strainer. R. Wise	12847	7 Sept.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Invention, and Name of Inventor.	No.	Date.
Wire-strainer. W. B. Young	13199	26 Nov.
Wire strainer and cutter. J. M. Falconer	13125	30 Oct.
Wire strainer and splicer. G. S. Pearson	12559	24 April.
Wire-strainer for cases. H. Campbell	12423	27 Feb.
Wire-strainer grip. G. Dixon	12457	14 March.
Wire-tightener. D. Thomson	12627	16 May.
Wireless telegraphy. Marconi's Wireless Telegraph Company (Limited)	13213	5 Dec.
Wiring and hooping cases. J. Dawson and G. Hughan	12586	7 May.
Wood, Treatment to render, non-flammable. H. V. Simpson	12291	31 May, '99
Wool-burrer. T. H. Pearce	12825	31 July.
Wool-cutter. M. Davies	12879	7 Sept.
Wool-cutter. J. W. Newall	12896	22 Aug.
Wool from skins, Removing. W. P. Griffiths	12835	2 Aug.
Wool-press. W. S. Dudson	12370	14 Aug.
Wool-press. W. S. Dudson	12986	14 Sept.
Wool-press. A. Skillicorn	12323	17 Jan.
Wool-wash. J. Vaughan-Sherrin	12326	20 Jan.
Wool-washes, Removing grease and potash from. J. Smith and Sons and W. Leach	12762	5 July.
Wrapper, Sleeping. J. Scott	12484	22 March.
Wringer. (See Clothes-wringer.)		
Yard-sink. E. Owen and G. and W. Carder	12774	11 July.
Yoke-mountings. J. Henderson	12905	18 Aug.
Yoking horses, Equaliser for. C. B. Trefle	12667	8 June.
Yoking three or six horses, Equaliser for. C. B. Trefle	12668	8 June.
Zinc- and lead-ores, Treating. General Metal Reduction Company (Limited)	12830	2 Aug.
Zinc from ores, Obtaining. J. Armstrong	13019	27 Sept.
Zinc-ores, Treatment of. A. G. Clark	12425	1 March.
Zinc-oxide-making process. J. Gitsham and J. Jones	12728	23 June.
Zinc-oxide, Producing. General Metal Reduction Company (Limited)	12831	2 Aug.

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS DURING THE YEAR 1900.

Name and Address.	Number of Class.	Number of Design.	Date.
Barratt, F., and another, Shannon, N.Z.	1	117	4 May.
British and Continental Stamp Company, The, Wellington, N.Z.	12	112	5 Jan.
Christchurch Tramway Company (Limited), The, Christchurch, N.Z.	3	116	12 March.
Collins, A., and another, Carlton, Vic.	3	120	4 Oct.
George, J., and another, Carlton, Vic.	3	120	4 Oct.
Hutson and Co., P., Wellington, N.Z.	4	123	6 Nov.
Mansfield, J. B., Christchurch, N.Z.	3	122	8 Oct.
Metzler, A. J., Sydney, N.S.W.	10	119	24 April.
Milner, A. H., Greymouth, N.Z.	2	121	6 Oct.
Newman, F. A., Melbourne, Vic.	5	124	23 Nov.
Newman, F. A., Melbourne, Vic.	5	125	23 Nov.
Retter, J. C., and another, Shannon, N.Z.	1	117	4 May.
Robinson, J. H., Wellington, N.Z.	2	118	7 June.
Ross, G. S., Lower Riccarton, N.Z.	1	114	29 Jan.
Russell, I., Dunedin, N.Z.	5	126	10 Sept.
Tydemann, F., Wellington	1	113	5 Jan.
Tydemann, F., Wellington	1	115	29 Jan.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS DURING THE YEAR 1900.

Name and Address.	No. of Class.	No. of Application.	Date.
Abbott, Oram, and Co., Wellington and Auckland	38	3200	3 Oct.
Abel Morrall (Limited), Redditch	13	2944-5	8 Feb.
Adams Star Cycle Company, Wellington	22	3159	3 Sept.
Adams Star Cycle Company, Wellington	22	3246	7 Dec.
Adler, P., Luisenhof, Germany	2	3038	16 May.
Adriance, Platt, and Co., Foughkeepsie, U.S.A.	7	3047-8	22 May.
Aerators (Limited), London	13	3112	1 Aug.
Aerators (Limited), London	44	3257	28 Dec.
Aickin, G., Auckland	3	3021	27 April.
American Steel Hoop Company, New York	5	2973	8 March.
American Tobacco Company of New Zealand (Limited), Auckland	45	3037	15 May.
American Tobacco Company of New Zealand (Limited), Auckland	45	3249	11 Dec.
Anti-Kalsomine Company, Grand Rapids, U.S.A.	17	3126	17 Aug.
Arnold, M. N., North Abington, U.S.A.	38	3078	29 June.
Arnoldson, L., and others, Auckland	45	3052-5	26 May.
Badham, C. J., Christchurch	2	2936	30 Jan.
Bartram and Son, J., Melbourne	42	3255	20 Dec.
Batkin, E. C., Wellington	45	2916	5 Jan.

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

Name and Address.	No. of Class.	No. of Application.	Date.
Batkin, E. C., Wellington	45	2927	15 Jan.
Beale, O. C., Annandale, N.S.W.	9	3156	31 Aug.
Bechstein, C. (See E. C., and H. Bechstein.)			
Bechstein, C., and others, Berlin and London	9	3155	31 Aug.
Bechstein, E., and others, Berlin and London	9	3155	31 Aug.
Bechstein, H., and others, Berlin and London	9	3155	31 Aug.
Benjamin, D., Dunedin	45	3189	18 Sept.
Bergheim, S., London	42	2937	31 Jan.
Berry and Co., H., Christchurch	42	2932	18 Jan.
Berry Diamond Oil-blackening Works, W., Manchester	50	3019	24 April.
Best and Co., S. J., Auckland	1	3013	24 April.
Best and Co., S. J., Auckland	1	3067	15 June.
Best and Towne, Christchurch	22	3039	16 May.
Blundell, Spence, and Co. (Limited), London and Hull	1	3036	12 May
Bodenhausen, Von. (See under V.)			
Bovine (Limited), London	42	2970	1 March.
Briscoe and Co., A., Dunedin	47	2923	15 Jan.
Brooks and Co., H., London	50	3070	22 June.
Broome, T. J., Wellington	42	2985	21 March.
Brown and Son (Limited), D., Donaghmore	47, 48	3023-4	30 April.
Brown Bros. and Geddes, Auckland	42	3132	21 Aug.
Brown, J., Earlston, Vic.	13	3190	19 Sept.
Cambridge Dairy Association. (See G. Watts and J. Hally, No. 3184.)			
Cameron Bros. and Co. Proprietary (Limited), W., Melbourne	45	3134-7	22 Aug.
Campbell and Ehrenfried Company (Limited), The, Auckland	43	3125	10 Aug.
Campbell and Ehrenfried Company (Limited), The, Auckland	43	3153	28 Aug.
Campbell and Ehrenfried Company (Limited), The, Auckland	42, 43	3175-6	7 Sept.
Celluloid Company, The, Newark and New York	50	2941	31 Jan.
Centaur Company, The, New York	3	3035	10 May.
Century Cigarette Company. (See E. H. Chainey.)			
Chainey, E. H., Christchurch	45	2974	6 March.
Chappell, Allen, and Co. (Limited), Redfield, Eng.	38	3029	4 May.
Chipman, H. S., Sydney	42	3216	26 Oct.
Chipman, H. S., Sydney	42	3223	31 Oct.
Chipman, H. S., Sydney	6	3232	15 Nov.
Chipman, H. S., Sydney	6	3256	21 Dec.
Claridge, F. J., St. Kilda, Vic.	42	3089-90	16 July.
Claris, W. H., Opunake, N.Z.	42	3154	29 Aug.
Clarke's Pyramid and Fairy Light Company (Limited), Cricklewood, London	13, 47	3182-3	12 Sept.
Collins, J. W., and another, London	3	3028	4 May.
Colman (Limited), J. and J., London	47	3163-72	4 Sept.
Colombo Commercial Company (Limited), Colombo	42	2942	7 Feb.
Cook and Co. (Limited), E., London	47	3113, 5	1 Aug.
Cook and Co. (Limited), E., London	48	3114, 6	1 Aug.
Coronno, D., Wellington	38	3221	1 Nov.
Coster, J., Auckland	3	3204	9 Oct.
Crane, Moir. (See under M.)			
Creavan, M., Bunnythorpe, N.Z.	42	3095	20 July.
Creavan, M., Bunnythorpe, N.Z.	42	3122	3 Aug.
Crown Ironworks Company (Limited), Christchurch	18	3057	31 May.
Dalgety and Co. (Limited), Christchurch	47	3061	8 June.
Dalton, J. H., Auckland	38	3208	20 Oct.
Davy Hill and Son, Yates, and Hicks, Southwark and London	3	2971	1 March
Dodgshun, N., Brightwater, Nelson	24	3110	31 July.
Dodgshun, N., Brightwater, Nelson	42	3152	24 Aug.
Doyle, H., Paddington, N.S.W.	43	3162	5 Feb.
Eagle Cigarette Company. (See W. Gregg and Co., Limited.)			
Edmond, J. F., Dunedin	47	3086	11 July.
Edmonds, W. F., Dunedin	47	3092	16 July.
Eglington, E. H., Wallsall, Stafford	13	3069	22 June.
Eglington, F. (See E. H. Eglington.)			
Ellison, H. A., Auckland	3	3109	30 July.
Emerson Drug Company, Baltimore	3	3007	11 April.
Erasmic Company (Limited), The, Warrington, Eng.	48	2991	30 March.
Evans, S. J., Dunedin	2	3102	23 July.
Farquhar and Gill, Aberdeen	1	2948	14 Feb.
Fear, F. J. W., Wellington	6, 13, 22, 40	2960-3	24 Feb.
Fear, F. J. W., Wellington	1	3085	9 July.
Findlay and Battle, London	5	3020	24 April.
Fitzgerald, W. C., Wellington	48	3186-7	14 Sept.
Fletcher, Humphreys, and Co., Christchurch	43	3158	31 Aug.
Flockton, E. E., Wellington	3	3201	5 Oct.
Flockton, E. E., Wellington	3	3210	23 Oct.
Ford, G. S. C., Wellington	47	3188	17 Sept.
Fowler (Limited), D. and J., London	42	3011	19 April.
Frémy, Fils. (See L. Frémy.)			
Frémy, L., Chalons-sur-Loire	43	3179	12 Sept.
Frossard Levic and Co. (See F. Levic.)			
Gatenby, R. M., Wanganui	3	2979	12 March.
Gifford, Plowman, and Co., Napier	3, 42, 44, 48	3043-6	19 May.
Gilberd and Sons, J. B., Wanganui	47	2964-7	26 Feb.
Gilberd and Sons, J. B., Wanganui	50	2968	26 Feb.
Gilberd and Sons, J. B., Wanganui	47	2969	26 Feb.
Glover and Co. (Limited), W. T., Manchester and Westminster	50, 8	3244-5	6 Dec.
Godfrey and Co., H. C., Christchurch	42	3108	27 July.
Gorrie, W., Mungaroa, N.Z.	42	3230	8 Nov.
Gregg and Co. (Limited), W., Dunedin	45	2946	12 Feb.

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

Name and Address.	No. of Class.	No. of Application.	Date.
Grove, E., Palmerston North	42	3195-6	27 Sept.
Hadley and Co., P. A., Auckland	1	3193	24 S-pt.
Haig and Haig (Limited), London	43	3138	22 Aug.
Hall, T. H., Auckland	42	3030	8 May.
Hall and Co., T. H. (See T. H. Hall.)			
Hally, J., and another, Cambridge, N.Z.	42	3184	14 Sept.
Hantke, T. J. C., Adelaide	1	2940	31 Jan.
Harper and Co. Proprietary (Limited), R., Melbourne	42	3157	31 Aug.
Harrowby and Knight, Wanganui	2	3233	16 Nov.
Hayman and Co., P., Auckland	9	3006	10 April.
Hayman and Co., P., Auckland	9	3025-6	1 May.
Hayward Brothers, Christchurch	42	3041	18 May.
Hendy, A. M., Dunedin	48	3050	25 May.
Hemus, J. W., Auckland	39	3124	7 Aug.
Hight, A. E., Brookside, N.Z.	18	3076	27 June.
Hondai Lanká Tea Company. (See G. T. K. McKenzie.)			
Hopkins, C., Westport	2	2943	7 Feb.
Hough, W. E., Auckland	3	3192	21 Sept.
Ichthyol-Gesellschaft Cordes Hermanni and Co., Hamburg	3	3072-3	22 June.
Invercargill Dairy Supply Company, The, Invercargill	42	3062	11 June.
Jonkopings Tandsticksfabriks Aktie Bolag, Jonkoping, Sweden	47	3063-5	11 June.
Joshua Brothers Proprietary (Limited), Melbourne	43	2988-9	23 March.
Kay Brothers (Limited), Stockport	2	3217	27 Oct.
Kelpion Company. (See J. W. Collins and S. Lambert.)			
King, W., London	50	3107	1 Aug.
Kureasma Company, The. (See E. E. Flockton, No. 3201.)			
Lambert, S., and another, London	3	3028	4 May.
Lane and Fitte, London	50	2914	4 Jan.
Langstone, C. W., and another, Wellington	2	2934	23 Jan.
Langstone, J. E., and another, Wellington	2	2934	23 Jan.
Lavers Manufacturing Company, The, Sydney	2	3129-30	18 Aug.
Lever Brothers (Limited), Balmain, N.S.W.	47	2928, 30	18 Jan.
Lever Brothers (Limited), Balmain, N.S.W.	48	2929, 31	18 Jan.
Levic, F., Sydney	45	3235	19 Nov.
Levinsohn, M., Wellington	45	3077	28 June.
Leyland and Birmingham Rubber Company (Limited), London	40, 50	3118-9	1 Aug.
Lichtenstein, M., and others, Auckland	45	3052-5	26 May.
Liebig's Extract of Meat Company (Limited), London and Antwerp ..	42	3120	1 Aug.
Lowry, A., and another, Christchurch	22	3107	25 July.
Lozier Manufacturing Company, The, Toledo, U.S.A.	22	2915	4 Jan.
Ludski, E., and others, Auckland	45	3052-5	26 May.
Ludski, L., and others, Auckland	45	3052-5	26 May.
Major and Co. (Limited), Wincolmlee, Eng.	2, 3, 47, 48	3080-3	2 July.
Major and Co. (Limited), Wincolmlee, Eng.	2, 3, 47, 48	3096-9	20 July.
Malcolm and Co., R., Christchurch	25	3074	26 June.
Manson and Barr, Palmerston North	7	3219	29 Oct.
Manson and Barr, Palmerston North	12	3229	8 Nov.
Matson, L., Christchurch	42	2917	5 Jan.
Marasma Company, The. (See E. E. Flockton, No. 3210.)			
Marshall's Chemical Company (Limited), Dunedin	3	3222	31 Oct.
Ma-uru Company, The, Wanganui	3	3100	23 July.
McKenzie, G. T. K., Dunedin	42	3059	4 June.
McLean, D., Greymouth	42	2978	12 March.
McLean, W., Windsor, Vic.	2, 3, 43, 47	3139-42	22 Aug.
McLean, W., Windsor, Vic.	2, 3, 43, 47	3143-6	22 Aug.
McLean, W., Windsor, Vic.	2, 3, 43, 47	3147-50	22 Aug.
McLeod, C., and another, Nelson	47	2957	20 Feb.
McLeod, R., and another, Nelson	47	2957	20 Feb.
Mennie and Dey, Thames and Auckland	42	3202	7 Oct.
Merwanjee Poonjiajee and Sons, Bombay	42	3106	25 July.
Milne, G., and another, Christchurch	22	3107	25 July.
Moir-Crane and Co., P., Manchester	47	2995	31 March.
Morgan Crucible Company (Limited), The, London	16	3258-60	28 Dec.
Morrall (Limited), A.	13	2944-5	8 Feb.
Murray and Co. (Limited), W. T., Auckland	42	3103-4	23 July.
Murray and Co. (Limited), W. T., Auckland	42	3105	24 July.
Murray, Roberts, and Co., Wellington	42	3209	22 Oct.
Murray, Roberts, and Co., Wellington	42	3238	1 Dec.
Nathan and Co. (Limited), J., Wellington	42	3250	12 Dec.
Needham, A., jun., Longburn, N.Z.	2	3203	9 Oct.
Neill and Co. (Limited), Dunedin	42	2952-5	15 Feb.
Neill and Co. (Limited), Dunedin	42	2998-3004	2 April.
Neill and Co. (Limited), Dunedin	42	3008-10	12 April.
Neill and Co. (Limited), Dunedin	42	3205-6	15 Oct.
Newell and Combes, Ngaruawahia, N.Z.	44	3040	18 May.
Newton and Son, J., Kaiwarra, N.Z.	3	3151	23 Aug.
New Zealand Coal and Oil Company (Limited), Dunedin	47	3079	29 June.
New Zealand Loan and Mercantile Agency Company (Limited), Wellington	7	3066	13 June.
Northern Roller Milling Company (Limited), Auckland	42	2947	13 Feb.
Ogden's (Limited), Liverpool and Sydney	45	3084	2 July.
Ogden's (Limited), Liverpool and Sydney	45	3178	12 S-pt.
Ogden's (Limited), Liverpool and Sydney	45	3199	2 Oct.
Ogden's (Limited), Liverpool and Sydney	45	3211-5	26 Oct.
Ogden's (Limited), Liverpool and Sydney	45	3234	19 Nov.
Ogden's (Limited), Liverpool and Sydney	7	2956	16 Feb.
Ohlhaber Gebrüder, Hamburg	3	3251	13 Dec.
Omega Chemical Company, The, Boston	9	2958	22 Feb.
Paling and Co. (Limited), W. H., Sydney			

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

Name and Address.	No. of Class.	No. of Application.	Date.
Parker, W., Wellington	48	3251	25 May.
Partridge and Co., H. E. (See H. E. Partridge.)	..	..	..
Partridge, H. E., Auckland	45	2959	23 Feb.
Partridge, H. E., Auckland	48	3088	16 July.
Patent Borax Company (Limited), The, Birmingham	1, 2, 3, 47, 48	3014-8	24 April.
Phoenix Company (Limited), Dunedin	42	3207	18 Oct.
Pidgeon and Co. (Limited), E. W., Christchurch	22	3111	30 July.
Player and Sons (Limited), J., Nottingham	45	2938-9	31 Jan.
Player and Sons (Limited), J., Nottingham	45	3180	12 Sept.
Pommery. (See Veuve, Pommery, Fils and Co.)	..	..	..
Portal, Dingwall, and Norris, London	43	3160	4 Sept.
Queensland Meat Export and Agency Company (Limited), Brisbane and Townsville	42	3243	6 Dec.
Reckitt and Sons (Limited), Sydney and Hull..	47	2975	10 March.
Reckitt and Sons (Limited), Sydney and Hull..	50	3056	29 May.
Reeves and Co., E., Wellington	42	3194	27 Sept.
Renboy Syndicate, The, Auckland	1	3220	29 Oct.
Roberts, G., Auckland	6	2997	31 March.
Roberts, J. D., Auckland	42	2996	31 March.
Robins, A., and another, Auckland	50	3123	7 Aug.
Ronuk (Limited), Brighton	50	3191	19 Sept.
Roseman, S. G., Auckland	50	3197	28 Sept.
Rubber Tire Manufacturing Company (Limited), Birmingham	40	3071	22 June.
Rutty, M., Sydney	45	3181	12 Sept.
Salmon and Gluckstein (Limited), London	45	2922	9 Jan.
Salmon and Gluckstein (Limited), London	45	3193	2 Oct.
Salt Union (Limited), The, Liverpool	42	3005	7 April.
Salter and Co., G., West Bromwich	13	3218	26 Oct.
Sandeman, Sons, and Co., G. G., Sydney	43	3252-4	13 Dec.
Sanitarium Health Food Company, Cooranbong, N.S.W.	42	2924-6	15 Jan.
Sanitarium Health Food Company, Papanui, N.Z.	42	3031-4	9 May.
Sanitarium Health Foods Company, Papanui, N.Z.	42	3173	5 Sept.
Scott, J., Invercargill	3, 4	2986-7	23 March.
Scouler and Co., W., Dunedin	42	3101	23 July.
Sextie, C., Auckland	38	2994	31 March.
Simmonds, R., Coromandel	13	3027	1 May.
Simmonds, R., Coromandel	13	3068	19 June.
Singer, Maddox, and Co. (Limited), Wellington	3, 42	3247-8	10 Dec.
Smith, E. C., Auckland	44	3231	15 Nov.
Société Anonyme de la Distillerie de la Liqueur Benedictine de l'Abbaye de Fécamp, Fécamp, France	43	2972	3 March.
Spooner and Co. (Limited), A., Richmond, Vic.	2, 3, 47, 50	2918-21	9 Jan.
Squire and Sons, London	3	3058	2 June.
Stock, W., Hastings	42	3094	19 July.
Stohwasser and Company, London	38	2983	19 March.
Sydney Soap and Candle Co. (Limited), Sydney	47	2980	12 March.
Sydney Soap and Candle Company (Limited), Sydney	48	2990	26 March.
Tallerman, Kniebusch, and Co., Sydney	12, 18, 13	3225-7	8 Nov.
Teed, D., New Plymouth	3	3012	21 April.
Thompson and Hills, Auckland	42	2984	19 March.
Thompson and Hills, Auckland	42	3060	10 Aug.
Thompson and Hills, Auckland	42	3093	16 July.
Toby, E. F., Christchurch	37	3075	27 June.
Turnbull and Co., W. and G., Wellington	3	3174	5 Sept.
Turnbull and Co., W. and G., Wellington	42	3177	10 Sept.
Tyree and Co., A., Christchurch	2	3242	6 Dec.
Union Oil, Soap, and Candle Company (Limited), Auckland	47	3181	21 Aug.
Usher and Co., A., Edinburgh	43	3240-1	5 Dec.
Vass Chemical Company, Danbury, U.S.A.	3	2935	23 Jan.
Veuve Pommery, Fils and Co., Reims	43	3237	28 Nov.
Vinolia Company (Limited), London	47	3239	4 Dec.
Vinolia Company (Limited), London	2, 47	3127-8	17 Aug.
Virginia Tobacco Company. (See I. and E. Ludski, M. Lichtenstein, and L. Arnoldson.)	..	..	..
Virol (Limited), London..	42	3121	2 Aug.
Von Bodenhausen, Dr. F. E., Berlin	42	2992-3	30 March.
Wai Wai Mineral Water Company. (See E. C. Smith, No. 3231.)	..	..	..
Walsh, T., Kuri Bush, N.Z.	33	3228	8 Nov.
Wardell Brothers and Co., Wellington	42	2933	19 Jan.
Warnock Brothers, Auckland	47	3133	21 Aug.
Warnock Brothers, Auckland	47	3236	8 Dec.
Waters, T. F., Wanganui	50	3087	13 July.
Watson and Co. (Limited), J., Dundee	43	2949-51	14 Feb.
Watt, G., and another, Cambridge, N.Z.	42	3184	14 Sept.
Webedörfer Bros., Sydney	13, 19	2976-7	12 March.
Wertheim, H., Melbourne	6	2981-2	16 March.
Whitecross Company (Limited), The, Warrington, Eng.	5	3091	16 July.
Whiteman, J., Upper Hutt, N.Z.	42	2913	3 Jan.
Wight, F., Akaroa	50	3022	27 April.
Wight, F., Akaroa	50	3049	25 May.
Wilkie, Scott, and Co., Mosgiel and Dunedin	42	3042	18 May.
Williams Company, T. C., Richmond, Va., U.S.A.	45	3161	4 Sept.
Wilson and Co., R., Dunedin	3	3185	14 Sept.
Wilson, Williams, and Co. (Limited), Hobart	42	3224	31 Oct.
Wyllie and another, A. R., Auckland	50	3123	7 Aug.

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