

1896.

NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE-MARKS.

(SEVENTH 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."

In compliance with the provisions of "The Patents, Designs, and Trade-marks Act, 1889," I have the honour to report as follows on the business of the Patent Office during the year ended 31st December, 1895:—

2. The Appendix to this report contains the following returns:—

- A. Balance-sheet of revenue and expenditure, with particulars thereof. The revenue is rather less than that of the previous year. This is accounted for mainly by the stoppage by effluxion of time of renewal fees under the Act of 1883. This year they will be coming in under the Act of 1889.
- B. List of the staff and salaries.
- C. Return of applications for patents, &c., in each year from 1861 to 1889 under Acts now repealed, showing numbers lapsed and numbers in force.
- D. Return of provisional and complete specifications received in 1890, 1891, 1892, 1893, 1894, and 1895, under the Act of 1889.
- E. Classified return of applications to register trade-marks during 1893, 1894, and 1895.
- F. Total number of applications relative to patents, designs, and trade-marks recorded during 1890, 1891, 1892, 1893, 1894, and 1895. This return shows an increase in the number of applications for patents, but a decrease in the number of trade-marks. This decrease is caused by the operations of "The Dairy Industry Act, 1894," which makes other provision for marking dairy produce.
- G. Return showing the countries and colonies from which applications for letters patent have been received during 1893, 1894, and 1895.
- H. Return showing the countries and colonies from which applications for registration of trade-marks have been received during 1893, 1894, and 1895.
- I. List of countries and colonies which have joined the International Convention for the Protection of Patentees' Rights and other purposes.
- J. Alphabetical list of applicants for letters patent in 1895.
- K. Alphabetical list of inventions for which letters patent have been applied for during 1895.

3. For much valuable information relative to various applications made to the office, I again refer to the Patent Office Supplement to the *New Zealand Gazette*, published fortnightly, and which should be obtained regularly by every business man.

4. It is a cause of regret that the building being erected, and in which rooms are to be provided for the Patent Office and Library, has made such slow progress. The need for such accommodation is urgent for the convenience of the public as well as of the office staff. Clerks, the profession, the public, plans and other documents are all crowded into one small room, and it is a wonder that the work is so correctly and expeditiously done under such disadvantages. The library is still crowded in the Museum, and cases of books cannot be unpacked for want of space.

6. As this is the last report I shall have the honour of making, I may be allowed to again call attention to the discrepancy between the revenue and the expenditure of the office, and to suggest, as I have frequently done, that some of the revenue be spent in printing specifications for the benefit of inventors, and the education of our mechanics and others. On this subject I quote from my report of June, 1892, as follows:—

"In the last report of the Commissioner of Patents for the United States that officer remarks that the patent law 'exists for the benefit of the public, and to promote progress of science and useful arts. There is no class or condition of men in the whole country which has not felt the blessings of American inventive genius, fostered into its fullest flower by wise and kindly patent laws.' And most undoubtedly we in New Zealand owe much to the patent laws of Great Britain, the United States, and other countries, as well as to our own Patents Acts. Inventions have furnished profitable employment for thousands of people, and have made the world richer as well as more comfortable. The profits of the Patent Office should be wisely and generously expended in fostering inventive talent. This could be done by publishing in a cheap and handy form, and by distributing to public reading-rooms, the specifications and drawings lodged in our Patent Office. Artisans and others might learn from them what has been done, and thus be urged to further inventions. Many, too, might be saved some disappointment and waste of precious time by knowing what has been already discovered and need not be repeated. It must be remembered that

these specifications include not only New Zealand inventions, but those of the United Kingdom, America, Australia, and other countries. Up to the end of 1879 these specifications were published in yearly volumes, with photolithographs of the drawings: then a desire for economy caused the discontinuance of the publication. The system was defective and the sale was small, because publication was delayed till after, for some purposes, the time for its usefulness had passed. My proposal is now to print the specifications, with drawings, separately, and as soon as possible after they are lodged in the office, and to sell them at a moderate price. The several inventors would be only too glad to purchase copies of their own specifications, and there would be a gradually increasing sale to others; but there should be also a liberal distribution to public institutions. The present practice of specifications and drawings being copied by hand when required is necessarily costly, and prohibitive for the purpose of education."

7. On giving up the administration of the Patent Office and retiring from the public service I desire to place on record my appreciation of the assistance I have invariably received from the staff of the office. This assistance has been marked by zeal, industry, and an accuracy in their work which is most commendable.

C. J. A. HASELDEN,

Patent Office, Wellington, 25th March, 1896.

Registrar.

A.—BALANCE-SHEET of INCOME and EXPENDITURE for the Year ending 31st December, 1895.

<i>Income.</i>			£	s.	d.	<i>Expenditure.</i>			£	s.	d.
Patent fees ...	...	...	1,811	2	0	Salaries ...	...	...	310	0	0
Design fees ...	...	...	8	0	0	Clerical assistance ...	...	...	55	12	1
Trade Mark fees ...	...	...	348	13	6	Fees to Patent Office Agents ...	...	...	40	19	0
Sale of Acts... ..	...	...	2	14	0	Value of printing and stationery from Government Printing Office	...	...	28	12	0
						Binding, freight, &c., of British specifications, &c. ...	...	...	17	3	7
						Fees refunded ...	...	...	11	14	0
						Incidental expenses ...	...	...	0	15	0
						Surplus for the year 1895 ...	...	...	1,705	13	10
			<u>£2,170 9 6</u>						<u>£2,170 9 6</u>		

PARTICULARS of FEES received, from the 1st JANUARY to the 31st DECEMBER, 1895.

	Number.	Fees. — Each.	Amount received.
PATENTS.			
Applications for patents with provisional specifications	388	£ s. 0 10	£ s. d. 194 0 0
Applications for patents with complete specifications	447	0 10	223 10 0
Complete specifications left after provisional	79	0 10	39 10 0
Applications to amend specifications	7	1 0	7 0 0
Issue of patents	377	2 0	754 0 0
Renewal fees before end of the fourth year from date of patent	76	5 0	380 0 0
Notices of opposition to applications for letters patent	14	0 10	7 0 0
Hearing objections (by objectors)	3	2 0	6 0 0
Applications for extension of time for filing complete specifications	5	1 0	5 0 0
Grant of such extension	5	5 0	25 0 0
Applications for extension of time for payment of fees	7	1 0	7 0 0
Grant of such extension	6	3 0	18 0 0
Searches	444	0 1	22 4 0
Registration of assignments and licenses of patents	52	0 10	26 0 0
Certificates of such registration	33	0 10	16 10 0
Copies	..	..	77 11 0
Applications to correct clerical errors in specifications	3	0 5	0 15 0
Registration of Patent Agents	2	1 1	2 2 0
.. .. .	..	..	£1,811 2 0
DESIGNS.			
Registration of designs	16	0 10	8 0 0
.. .. .	..	..	£8 0 0
TRADE-MARKS.			
Applications for registration of trade-marks	278	0 5	69 10 0
Registration of trade-marks	242	1 0	242 0 0
Notices of opposition to registration of trade-marks	6	1 0	6 0 0
Registration of subsequent proprietors of trade-marks	25	£1 & 2s.	12 8 0
Certificates of registration	5	0 5	1 5 0
Certificates of registration for legal proceedings	1	0 10	0 10 0
Renewal of registration of trade-mark	1	0 1	1 0 0
Searches	121	0 1	6 1 0
Copies	..	..	0 4 0
Extracts from Register of Trade-marks	..	..	0 7 6
Advertisements: Fees for additional space	..	..	9 8 0
.. .. .	..	..	£348 13 6

B.—STAFF of OFFICERS and present SALARIES.

	£
Registrar of Patents, Designs, and Trade-marks*	Nil.
Clerk	180
Clerk	130
Total salaries	<u>£310</u>

* Also Under-Secretary for Justice.

C.—NUMBER of APPLICATIONS for PATENTS and LETTERS of REGISTRATION under Acts now repealed.

Year and Act.	Number of Applications received.		Number of such Applications lapsed or refused.		Number of Patents and Letters of Registration sealed on such Applications.		Number of such Patents lapsed owing to Non-payment of Renewal Fees.		Number of such Patents and Letters of Registration in Force to End of Term.		
	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	
Under Act of 1860	1861	6	15	...	...	6	15	...	...	6	15
	1864										
	1865	1	5	...	...	1	5	...	...	1	5
	1866	4	5	...	...	4	5	...	...	4	5
	1867	3	4	...	...	3	4	...	...	3	4
	1868	5	6	...	...	5	6	...	...	5	6
	1869	9	8	...	...	9	8	...	...	9	8
	1870	19	19	...	...	19	19	...	...	19	19
Under Act of 1870	1871	19	10	5	...	14	10	...	...	14	10
	1872	19	17	8	...	11	17	10	...	1	17
	1873	14	19	8	...	6	19	4	...	2	19
	1874	4	10	2	...	2	10	2	...	...	10
	1875	16	22	7	...	9	22	8	...	1	22
	1876	19	5	6	...	13	5	12	...	1	5
	1877	15	23	6	...	9	23	7	...	2	23
	1878	27	23	4	...	23	23	20	...	3	23
	1879	22	25	9	...	13	25	13	...	...	25
	1880	34	46	10	...	24	46	16	...	8	46
	1881	34	43	10	...	24	43	23	...	1	43
Under Act of 1883	1882	89	93	34	...	55	93	48	2	7	91
	1883	159	74	85	...	74	74	57	...	17	74
	1884	260	98	127	8	133	90	116	49	17	41
	1885	240	83	141	14	99	69	90	40	9	29
	1886	380	123	216	16	164	107	141	62	23	45
	1887	402	143	242	11	160	132	138	95	22	37
	1888	489	256	300	40	189	216	165	152	24	64
	1889	460	236	266	32	194	204	174	137	*	*

NOTE.—By "N.Z." is meant those in which the applicants reside in the colony, and by "Foreign" those in which they are not so resident.

* These columns are not filled up, as necessarily the returns would be incomplete and of no value, the respective periods not having yet expired.

D.—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 and at Present in Force.	
	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
1891	187	207	126	69	29	25	191	50	122	226
1892	207	189	160	50	40	16	238	42	126	200
1893	198	178	197	52	50	23	263	28	135	199
1894	278	166	251	61	66	16	358	49	173	176
1895	235	195	312	74	*	*	*	*	*	*

* These figures are necessarily incomplete, as the time for proceeding further with the applications has not yet expired. For total number of applications see Table G.

E.—NUMBER of Applications to register Trade-marks, the Number advertised, and the Number registered, in the Fifty different Classes in each of the Years 1893, 1894, and 1895.

Classes.	Classification of Goods.	1893.			1894.			1895.		
		Applied for.	Advertised.	Registered.	Applied for.	Advertised.	Registered.	Applied for.	Advertised.	Registered.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	..	..	..	10	9	7	8	7	5
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	18	17	12	8	10	9	14	10	5
3	Chemical substances prepared for use in medicine and pharmacy	18	18	18	45	36	22	24	24	25
4	Raw or partly-prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	4	4	2	4	3	6	..	..	..
5	Unwrought and partly-wrought metals used in manufacture	3	2	3	2	3	3	1	1	1
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	2	1	1	5	5	3	2	2	2
7	Agricultural and horticultural machinery, and parts of such machinery	..	..	..	2	2	1	4	4	3
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	1	..	..	..	..	..	1	1	..
9	Musical instruments	2	2	2	..	..	..	..	..	..
10	Horological instruments	..	..	..	..	..	..	1	1	..
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	4	3	2	1	1	3	..	..	..
13	Metal goods not included in other classes	5	4	3	5	5	6	4	3	3
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	2	1	1	1	2	1	1	1	1
15	Glass	1	1	1	..	..	..	..	..	..
16	Porcelain and earthenware	..	..	..	..	..	..	..	..	..
17	Manufactures from mineral and other substances for building or decoration	..	..	..	..	..	..	..	..	..
18	Engineering, architectural, and building contrivances	2	2	..	3	3	1	3	3	3
19	Arms, ammunition, and stores not included in Class 20	..	..	..	..	..	..	1	1	1
20	Explosive substances	..	..	..	4	4	4	..	..	..
21	Naval architectural contrivances and naval equipments	..	..	..	..	..	..	..	..	..
22	Carriages	1	1	1	1	1	..	7	6	3
23	Cotton yarn and thread	1	1	1	1	..	..	..	..	..
24	Cotton piece-goods of all kinds	2	2	1	3	3	3	2	2	2
25	Cotton goods not included in Classes 23, 24, and 38	..	..	..	..	..	..	1	1	1
26	Linen and hemp yarn and thread	2	2	2	..	..	..	..	..	..
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	..	..	..	..	..	..	..	..	..
31	Silk piece-goods	1	1	..	..	..	1	..	..	..
32	Other silk goods, not included in Classes 30 and 31	..	..	..	..	..	..	..	..	..
33	Yarns of wool, worsted, or hair	1	1	1	1	1	1	..	..	..
34	Cloth and stuffs of wool, worsted, or hair	1	1	..	1	1	1	1	1	1
35	Woollen and worsted and hair goods not included in Classes 33 and 34	..	..	..	..	..	..	..	..	..
36	Carpets, floorcloth, and oilcloth	2	2	..	..	..	2	1	1	1
37	Leather, skins, unwrought and wrought, and articles made of leather, not included in other classes	2	2	2	3	2	2	2	2	1
38	Articles of clothing	15	15	13	28	27	25	14	13	8
39	Paper (except paperhangings), stationery, and bookbinding	5	5	6	1	..	1	1	1	1
40	Goods manufactured from indiarubber and guttapercha, not included in other classes	1	..	..	..	1	1	..	..	..
41	Furniture and upholstery	1	1	1	..	..	..	1	1	1
42	Substances used as food or ingredients in food	128	132	108	123	112	90	75	65	36
43	Fermented liquors and spirits	23	20	19	12	11	12	14	11	8
44	Mineral and aerated waters, natural and artificial, including ginger-beer	5	6	6	5	5	4	10	9	0
45	Tobacco, whether manufactured or unmanufactured	32	29	21	33	23	21	18	17	17
46	Seeds for agricultural or horticultural purposes	1	1	1	2	2	1	2	2	3
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	26	21	13	21	20	20	26	25	8
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	2	2	4	5	5	2	9	8	6
49	Games of all kinds, and sporting articles not included in other classes	1	1	..	..	..	1	..	..	..
50	Miscellaneous	10	7	9	17	18	9	6	5	9

NOTE.—For the total number see Table G.

F.—TOTAL NUMBER of Applications for Patents, and Registration of Designs and Trade-marks, recorded for the Years 1890, 1891, 1892, 1893, 1894, and 1895.

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

G.—NUMBER of APPLICATIONS for PATENTS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1893, 1894, and 1895.

	1893.	1894.	1895.		1893.	1894.	1895.
New Zealand	396	527	547	New South Wales	32	51	43
Belgium	..	1	2	Norway	1	1	..
Brazil	..	..	1	Queensland	11	6	2
Canada	4	1	2	South Africa	..	..	3
Chili	..	..	1	South Australia	6	12	5
Denmark	1	..	2	Spain	..	1	..
Finland	..	1	..	Sweden	3	1	..
France	2	..	6	Straits Settlements	..	..	1
Germany	10	3	8	Tasmania	2	1	6
Holland	1	..	..	United Kingdom	53	75	71
Hungary	..	1	..	United States	39	17	38
India	1	..	1	Victoria	65	55	76
Italy	1	..	2	Western Australia	..	3	1

NOTE.—As some applications have been received from joint applicants resident in different countries these figures will 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 1893, 1894, and 1895.

	1893.	1894.	1895.		1893.	1894.	1895.
New Zealand	216	219	124	India	3	..	..
Belgium	1	..	1	New South Wales	..	14	22
Canada	1	2	..	Norway	..	1	..
Ceylon	..	1	..	Sweden	..	1	..
Cuba	..	..	3	Switzerland	1	..	1
Denmark	..	1	..	United Kingdom	74	66	79
France	6	3	6	United States	22	30	13
Germany	2	..	2	Victoria	3	11	5
Holland	..	1	1	Western Australia	..	..	1

NOTE.—As a few applications have been received from persons giving an address in more than one country, the columns will add to slightly more than the actual number of applications received.

I.—COUNTRIES and COLONIES included in the International Convention for the Protection of Inventors and Others.

Belgium	Ecuador*	Mexico	Queensland	Switzerland
Brazil	France	Netherlands	Roumania*	Tasmania
Curacoa & Surinam	Great Britain	New Zealand	Santo Domingo	Tunis
Denmark	Greece*	Norway	Servia	United States
East India Colonies	Guatemala	Paraguay	Spain	Uruguay
of Netherlands	Italy	Portugal	Sweden	

* Designs and trade-marks only.

The Colony of Victoria has made separate arrangements with New Zealand.

J.—ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895.

Name, Residence, and Invention.	No.	Date.
Abbot, H. and another, Kereru, Hawke's Bay, N.Z. Worm mixture for sheep	7377	17 Jan.
Acme Explosive Proprietary Company (Limited), The, Melbourne, Vic. (See J. A. Wallace, No. 7685.)		
Adolph, A. A., and others, Birchip, Vic. Washing machine	7724	4 July.
Aickin, G., and another, Auckland, N.Z. Gearing for gas motors	7898	16 Sept.
Aitken, A., Stirling, Otago, N.Z. Plate protector for animal traps	8009	24 Oct.
Aitkens, G., and another, Wellington, N.Z. Non-combustible wicks, and lamps for same ..	7420	13 Feb.
Aitkens, G., Foxton, N.Z. Letter card	7654	7 June
Akersten, W., Nelson, N.Z. Mail and treasure barge	7788	2 August.
Akersten, W., Nelson, N.Z. Carrying and launching boats	7789	2 August.
Alexander, J. C., and another, Sydney, N.S.W. Treatment of kerosene shale for production of hydrocarbons	7887	10 Sept.
Allan, C. G., and another, Wellington, N.Z. Moorings	7977	16 Oct.
Allen, G., Masterton, N.Z. Clip harrows	7815	16 August.
Allen, J. J., Bradford, Eng. Feeding paper to printing presses	7492	20 March.
Allison, O. W., New York, U.S.A. (See The American Tobacco Company of New Zealand, Limited, No. 7916.)		
Alternate Current Electro-motor Syndicate (Limited), The, Earl's Court, Eng. Electro-motors and electric magnetic apparatus (W. L. Davies)	8140	14 Dec.
Altham, G. J., Swansea, Massachusetts, U.S.A. Fuel	7523	1 April.
Alves, J., Melbourne, Vic. Supplying hot air and steam to boiler furnaces	7415	8 Feb.
American Tobacco Company of New Zealand (Limited), The, Auckland, N.Z. Paper mouthpieces for cigarettes (A. L. Munson)	7823	16 August.
American Tobacco Company of New Zealand (Limited), The, Auckland, N.Z. Cigarette machine (A. L. Munson)	7829	21 August.
American Tobacco Company of New Zealand (Limited), The, Auckland, N.Z. Cigarette machine (O. W. Allison)	7916	24 Sept.
American Tobacco Company of New Zealand (Limited), The, Auckland, N.Z. Cigarette machine (A. L. Munson)	7940	2 Oct.
Amos, H., St. Albans, Christchurch, N.Z. Frying-pan and cover	7622	20 May.
Anderson, A. H., Christchurch, N.Z. Gear for traction-engines	7448	21 Feb.
Anderson, A. K. Y., St. Kilda, Vic. Treating hides and skins	7578	3 May.
Anderson, A. K. Y., St. Kilda, Vic. Treating hides and skins	7744	15 July.
Anderson, C. W., and another, Hull, Eng. Sanitary closet appliance	7429	15 Feb.
Anderson, F. W., Christchurch, N.Z. Seed threshing, shelling, and dressing machine	7392	24 Jan.
Anderson, G., Christchurch, N.Z. Weighing carcasses of meat on rail track	7414	7 Feb.
Anderson, J., Dunedin, N.Z. Water tap or valve	7454	23 Feb.
Anderson, J., Dunedin, N.Z. Milk aerator	7680	11 June.
Anderson, J., Dunedin, N.Z. Rabbit destructor	7877	2 Sept.
Anderson, W., and others, Forbes, N.S.W. Testing whether wool is wet or dry	7508	27 March.
Andrewartha, R., Wellington, N.Z. Sump grating clearing apparatus	7589	10 May.
Andrews, J. T., Greenwich, Eng. Stair treads, landings, &c.	7480	12 March.
Andrews, W., and another, Christchurch, N.Z. Seed-cleaning screen	7675	11 June.
Andrews, W., and another, Christchurch, N.Z. Seed-cleaning	7881	5 Sept.
Andrews, W., and another, Christchurch, N.Z. Seed-cleansing, dressing, and separating	7910	18 Sept.
Andrews, W., and another, Christchurch, N.Z. Seed-cleaning and separating machinery	8064	16 Nov.
Andrews, W., Wellington, N.Z. Fastener for doors and sashes	7922	28 Sept.
Angell, W., Dunedin, N.Z. Covering upholsterer's work	7705	24 June.
Angus, W., Sydenham, Canterbury, N.Z. (See H. A. Atkinson, R. Tomline, No. 7501.)		
Anschau, J., Lismore, N.S.W. Seal locks	7562	24 April.
Argall, A. E., and another, Coromandel, N.Z. Musical instrument	8045	8 Nov.
Armstrong, S., Auckland, N.Z. Spiced butter.	7812	8 August.
Arnaboldi, J., Cambridge, Waikato, N.Z. Wire strainer	7746	11 July.
Ashcroft, E. A., Broken Hill, N.S.W. Electrolytic and leaching treatment of zinc-bearing ores ..	7985	18 Oct.
Ashworth, H., Wadestown, Wellington, N.Z. Lessening vibration of railways	7895	17 Sept.
Atkinson, H. A., and another, Christchurch, N.Z. Attaching coulters to ploughs (W. Angus)	7501	21 March.
Atkinson, H. W., Perth, W.A. Advertising table-plate (J. D. Baird)	7838	24 August.
Austin, G. B. H., Surrey Hills, Melbourne, Vic. Mud-guard for cycles	7413	8 Feb.
Baird, J. D., Perth, W.A. (See H. W. Atkinson, No. 7838.)		
Baker, T. L., and another, Sydney, N.S.W. Rabbit-trapping fence	7367	10 Jan.
Baldwin, A., and another, Stourport, Eng. Apparatus for producing gas (W. Felton)	7819	16 August.
Baldwin, S., and another, Stourport, Eng. Apparatus for producing gas (W. Felton)	7819	16 August.
Banbury, J., Burford, Eng. Making cans, drums, &c.	7600	13 May.
Barlow, W. J., Christchurch, N.Z. Driving-gear for bicycles	8078	19 Nov.
Barnes, G., Melbourne. (See H. Credington, No. 7784.)		
Barnes, G., and others, Albert Park, Melbourne. Tap for kerosene-tins	8118	6 Dec.
Barnett, G. M., and another, Dunedin, N.Z. Bottle-crate	7443	19 Feb.
Baron, B., New York, U.S.A. Cigarette-machine	7901	17 Sept.
Barton, E., Redfern, N.S.W. Horse-collar	7618	21 May.
Bassett, H. W. B., Melbourne, Vic. Handle-bar for cycles	8120	6 Dec.
Baughman, J. A., and others, Akron, Ohio, U.S.A. Filling boxes with matches	7568	29 April.
Bawden, F. W., Klerksdorp, South Africa. Explosive	7719	4 July.
Bear, J., Melbourne. Advertising booklet and envelope	7359	4 Jan.
Beardmore, J., Takaka, N.Z. Hand kilter and designer	7375	16 Jan.
Beardmore, J., Takaka, N.Z. Clothes-dryer	7522	1 April.
Beaumont, G. E., and others, Dunedin, N.Z. Loom	8030	2 Nov.
Beaven, A. W., and another, Christchurch, N.Z. Seed-cleaning screen	7675	11 June.
Beaven, A. W., and another, Christchurch, N.Z. Seed-cleaning	7881	5 Sept.
Beaven, A. W., and another, Christchurch, N.Z. Seed-cleansing, -dressing, and -separating ..	7910	18 Sept.
Beaven, A. W., and another, Christchurch, N.Z. Seed-cleaning and separating machinery ..	8064	16 Nov.
Beck, R., Christchurch, N.Z. Butter-receptacle	7792	2 August.
Bedell, H. G., jun., and another, Wellington, N.Z. Switchback railway	7405	4 Feb.
Bedell, H. G., jun., and another, Wellington, N.Z. Spouting-dies	7431	18 Feb.
Bedell, H. G., jun., and another, Wellington, N.Z. Spouting-dies	8065	18 Nov.
Bedell, L., and another, Wellington, N.Z. Switchback railway	7405	4 Feb.
Bedell, L., and another, Wellington, N.Z. Spouting-dies	7431	18 Feb.
Bedell, L., and another, Wellington, N.Z. Spouting-dies	8065	18 Nov.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—continued.

Name, Residence, and Invention.	No.	Date.
Beecher, E. B., Connecticut, U.S.A. (See The Diamond Match Company, No. 7696.)		
Beeman, J. S., Camberwell, Vic. Mouthpieces for cigarettes	7537	8 April.
Beeston, W. R., and others, Melbourne, Vic. Concentrating ores	7587	9 May.
Belk, M., Palmerston North, N.Z. Fish-joint for railways	7356	3 Jan.
Belk, M., Wellington, N.Z. Brake for road-vehicles	7526	1 April.
Belk, J. A., Feilding, N.Z. Protector for elastic tires	7461	1 March.
Belk, J. A., Wellington, N.Z. Gearing of cycles	7627	23 May.
Benjamin, H., Dunedin, N.Z. Gold-dredging machinery	7401	29 Jan.
Benjamin, H., and another, Dunedin, N.Z. Sanitary-closet appliance	7429	15 Feb.
Bennett, H., West Brunswick, Vic. Tellurian	8000	25 Oct.
Bennett, W., Wellington, N.Z. Window-sash	7958	7 Oct.
Bentley, J. G., Balclutha, N.Z. Spouting for roofs	7880	5 Sept.
Berg, J. A., Ashburton, N.Z. Vehicle	8020	31 Oct.
Bergersen, C. A., Palmerston North, N.Z. Wire-strainer	8049	9 Nov.
Best, D., San Leandro, California, U.S.A. Traction-engine	7875	3 Sept.
Betts, L. F., Brooklyn, New York, U.S.A. Lamp	7697	22 June.
Beveridge, R. C., Sydney, N.S.W. Treatment of antimonial gold ores	7872	4 Sept.
Beveridge, R. C., and another, Sydney, N.S.W. Treatment of kerosene-shale for production of hydrocarbons	7887	10 Sept.
Bickford and Huffman Company, Macedon, New York, U.S.A. Grain-drilling (G. W. Kirkpatrick)	7757	19 July.
Bidmeade, F., Christchurch, N.Z. Appliance for cooking	8096	26 Nov.
Bigwood, J., Christchurch, N.Z. Pump	7909	19 Sept.
Billens, A., Christchurch, N.Z. Pump	7629	22 May.
Bini, G., and another, Coburg, Vic. Excluding draughts entering at door-bottom	7860	31 August.
Birch, W. J., Wellington, N.Z. Packing Butter	7382	19 Jan.
Blanton, E. A., Johannesburg, South Africa. Fastening cams of stamp-mills	7605	15 May.
Body, A. J. B., Wellington, N.Z. Submarine torpedo-boat	7883	7 Sept.
Bóggild, B., Copenhagen, Denmark. Milk refrigerator	7368	11 Jan.
Boite Magique, Limited, La London, Eng. Toy. (See A. H. Hart, No. 7381.)		
Bone, R., Denniston, N.Z. Toe-guard	7520	29 March.
Booth, G. T., Christchurch, N.Z. Plough-wheel bearing	7947	2 Oct.
Booth, G. T., and another, Sydenham, Christchurch, N.Z. Drain-plough	7807	10 August.
Bouch-Tremayne, T. J., Marino, S.A. Collar and hames and traces	7586	9 May.
Bowmar, E., Gore, N.Z. Bicycle gearing	7409	7 Feb.
Bowmar, G., London, Eng. Shears	7465	4 March.
Bowmar, G., and another, London, Eng. Shearing or clipping-machine	8073	20 Nov.
Boyd, P., Dunedin, N.Z. Securing and drawing corks	8128	6 Dec.
Bradley, W. T., and others, Rochester, U.S.A. Wringers. (E. S. Combes, M. R. Jewell)	7630	25 May.
Brady, F., Wellington, N.Z. Box for storing and weighing coal	7698	24 June.
Brandreth, J. W., Christchurch, N.Z. Appliance for distributing water, &c.	8059	13 Nov.
Branton, T., Blenheim, N.Z. Treatment of flax	8108	2 Dec.
Brew, W., and another, Christchurch, N.Z. Appliance for securing hat to head	8109	2 Dec.
Brigg, T. H., Bradford, England. Connecting draught animals to vehicles	7939	2 Oct.
Bright, R., and another, Greytown North, N.Z. Race-starting apparatus	7453	26 Feb.
Bright, R. (junior), and another. Combined spade and poison-layer	7615	20 May.
Bright, S., Auckland, N.Z. Artificial manure	7645	5 June.
Brimble, J. (junior), Greymouth, N.Z. Water heater	7926	21 Sept.
Brinsley, R., and another, Dunedin, N.Z. Elliptic furnace fixings	7650	4 June.
Brinsley, R., and another, Dunedin, N.Z. Cooking-ranges	7740	11 July.
Brintnell, A. H., Toronto, Canada. Propulsion of cars	8162	23 Dec.
Bristow, C., Wellington, N.Z. Raisin-seeding machine	8125	7 Dec.
Bristow, G., Invercargill, N.Z. Spark-arrester	7619	18 May.
Bronson, E. D., Denver, Colorado, U.S.A. Placer mining	7758	19 July.
Broughton, F. A., Sydney, N.S.W. Life-boat. (R. S. Dixon)	7389	24 Jan.
Brown, A., Wellington, N.Z. Grass-cutter	8070	20 Nov.
Brown, A. E., Dunedin, N.Z. Rat-trap	7711	27 June.
Brown, A. E., Dunedin, N.Z. Candle-extinguisher	7762	16 July.
Brown, H. O., Auckland, N.Z. Combined ruler and blotting-roller	7695	21 June.
Brown, J., Lady Barkly, Southland, N.Z. Platform for sheep-races	7610	9 May.
Brown, S., Sydney, N.S.W. Can	7727	4 July.
Buckley, C. F., San Francisco, U.S.A. Preserving perishable articles	7606	15 May.
Burrell, D. H., and another, Little Falls, U.S.A. Cheese-press. (J. L. Helmer)	7364	5 Jan.
Burrell, D. H., and another, Little Falls, U.S.A. Cheese-press. (C. J. Lundstrom)	7525	1 April.
Burrell, E. J., and another, Little Falls, U.S.A. Cheese-press. (J. L. Helmer)	7364	5 Jan.
Burrell, E. J., and another, Little Falls, U.S.A. Cheese-press. (C. J. Lundstrom)	7525	1 April.
Burt, A., Dunedin, N.Z. Drain-trap	7656	4 Jan.
Burton, R., Masterton, N.Z. Stumping-machine	7924	27 Sept.
Bury, T., and another, Ballarat, Vic. Appliance for use in inhalation of vapours	7752	19 July.
Buskirk, Van. (See under V.)		
Buttiffant, A. G., and another, London, Eng. Hermetically sealing metal boxes, tins, &c.	7498	20 March.
Buxton, T., Makarewa, Otago, N.Z. Manufacture of bricks, tiles, &c.	7957	2 Oct.
Cadwallader, A., and others, Christchurch, N.Z. Life jacket	8163	23 Dec.
Caldwell, D. J., Timaru, N.Z. Clip fastening for roller-blinds	8132	10 Dec.
Caldwell, R., and another, Auckland, N.Z. Gearing for gas-motors	7898	16 Sept.
Cameron, A., Forest Hill, Otago, N.Z. Anti-tile drain apparatus	7769	20 July.
Campbell, J., Waikaka, Otago, N.Z. Rabbit-trap	7842	19 August.
Carr, W., Blenheim, N.Z. Churn	8105	20 Nov.
Carter, J., Christchurch, N.Z. Appliance to conduct air through fire-bars of furnaces	7855	29 August.
Cassel Gold Extracting Company (Limited), The, Glasgow, Scotland. Extracting gold and silver from ores. (J. S. MacArthur, J. Yates)	7691	20 June.
Cave, H., and another, Rangiora, N.Z. Crupper	7932	27 Sept.
Cederberg, O., Granville, N.S.W. (See H. Shute, No. 7396.)		
Chambers, J., Mokoepka, Hawke's Bay, N.Z. Insulating and embedding electrical resistance wires in electrical hot plates	7983	16 Oct.
Chambers, J. Mokoepka, Hawke's Bay, N.Z. Electrical hot-plate for cooking purposes	8053	8 Nov.
Chambers, J., Mokoepka, Hawke's Bay, N.Z. Electrical boiler	8124	5 Dec.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—continued.

Name, Residence, and Invention.	No.	Date.
Chambers, R., Cambridge, Waikato, N.Z. Preparation of fibre of flax	7444	19 Feb.
Chambers, R., Cambridge, Waikato, N.Z. Improving quality of flax fibre	7445	19 Feb.
Chapman, C. J., and another, Dunedin, N.Z. Garden-label carrier	7731	4 July.
Chapman, F. R., and another, Dunedin, N.Z. Garden-label carrier	7731	4 July.
Chapman, G. A., Wellington, N.Z. Sack holder	7460	28 Feb.
Chaquette, E., Bridgeport, U.S.A. Air-compressor	8048	9 Nov.
Chard, E. C., London, Eng. Scale weighing-machine	7379	18 Jan.
Childs, H., Ashburton, N.Z. Lever-cramp for flooring and lining	8099	26 Nov.
Chipman, H. S., Sydney, N.S.W. Nozzle	8117	6 Dec.
Christie, R. L., Otama, Southland, N.Z. Staple-hammer	7714	1 July.
Christie, R. L., Otama, Southland, N.Z. Wire-strainer	7715	1 July.
Christmas, J. J., Adelaide, S.A. Treatment of gold-bearing antimony-ores	7584	9 May.
Christopher, A. G., and another, Dunedin, N.Z. Elliptic furnace-fixings	7650	4 June.
Christopher, A. G., and another, Dunedin, N.Z. Cooking-range	7740	11 July.
Clarke, B., and others, Sydney, N.S.W. Obtaining fatty matters and meat extract from animal substances	7859	31 Aug.
Claydon, G., and another, Addington, Christchurch, N.Z. Automatic stoking, smoke-consuming, and fuel-economising apparatus attached to steam-boilers	7681	13 June.
Cleaver, H. C., London, Eng. Applying paints and varnishes	7907	19 Sept.
Clements, S. P., Wellington, N.Z. Clip for Venetian blind	7528	2 April.
Clendinnen, Ede. (See under E.)		
Clere, F. de J., Wellington, N.Z. Weatherboarding-joint	7500	22 March.
Clerici, F., and another, Milan, Italy. Extracting gold from its ore	7441	21 Feb.
Clerici, F., and another, Milan, Italy. Separation of precious metals from ores	7874	3 Sept.
Cobb, J. H., and another, Sydney, N.S.W. Rabbit-trapping fence	7367	10 Jan.
Cobham, A. T. W., Wellington, N.Z. Boots, shoes, &c.	8034	5 Nov.
Cocker, J. N., Devonport, Tasmania. Potato harvester	7725	4 July.
Cockerell, J., and another, South Yan Yean, Vic. Scarifier or pea-cutter	7987	18 Oct.
Cockerell, R., Dunedin, N.Z. Combined pick-and-shovel machine for gold-dredging	7963	8 Oct.
Cockerell, R., Dunedin, N.Z. Bucket for gold-dredging and cradling	7993	21 Oct.
Collett, J. H., and another, Longbush, Otago, N.Z. Rabbit-trap	7844	23 August.
Collett, S., and another, Gore, Otago, N.Z. Rabbit-trap	7844	23 August.
Collins, E. E., Mataura, Southland, N.Z. Bellows	8017	25 Oct.
Colquhoun, J., Clevedon, N.Z. Butter-printing machine	7704	21 June.
Colson, A., and another, New Plymouth, N.Z. Folding-doors for wagons	7601	11 May.
Colson, T. G., and another, New Plymouth, N.Z. Folding-doors for wagons	7601	11 May.
Combs, E. S., Rochester, U.S.A. (See W. T. Bradley, M. R. and C. E. Jewell, No. 7630.)		
Compagnie Générale pour l'exploitation des Machines à fabriquer les Cigares (Brevets J. Reuse) Société Anonyme, Brussels, Belgium. Cigar-machine (J. Reuse)	7986	18 Oct.
Constable, C. W., Queenstown, N.Z. Air-cushions for billiard-tables	7463	25 Feb.
Cook, F. A., Christchurch, N.Z. Bath	7456	26 Feb.
Cook, S., and another, Melbourne, Vic. Fastener for window-sashes	7510	27 March.
Cook, W., and another, London, Eng. Refrigerating meat	7793	3 August.
Cooper, F., Christchurch, N.Z. Wind-guard for cycles	7376	16 Jan.
Cooper, J., and others, London, Eng. Carbon for electrical purposes	7616	21 May.
Cooper, J. C., and another, Wellington, N.Z. Race-starting machine	7483	12 March.
Cooper, W., Dunedin, N.Z. School orrery	7991	15 Oct.
Cooze, C. J., Wellington, N.Z. Horse-shoe	8154	21 Dec.
Copeland, H. M., and another, Wanganui, N.Z. Pedal for bicycles	8113	5 Dec.
Copeland, H. M., and another, Wanganui, N.Z. Brake for bicycles	8114	5 Dec.
Copeland, H. M., and another, Wanganui, N.Z. Saddle for bicycle	8133	10 Dec.
Copeland, H. M., and another, Wanganui, N.Z. Pedal for bicycles	8134	10 Dec.
Copeland, J., Wanganui, N.Z. Totalisator	7702	25 June.
Copeland, J., and another, Wanganui, N.Z. Pedal for bicycles	8113	5 Dec.
Copeland, J., and another, Wanganui, N.Z. Brake for bicycles	8114	5 Dec.
Copeland, J., and another, Wanganui, N.Z. Saddle for bicycle	8133	10 Dec.
Copeland, J., and another, Wanganui, N.Z. Pedal for bicycles	8134	10 Dec.
Cornell, E. W., and another, Adrian, Michigan, U.S.A. Can-labelling machine	8103	29 Nov.
Cory, G. S., and another, Swansea, Wales. Artificial fuel	7700	24 June.
Cory, C., and another, Swansea, Wales. Artificial fuel	7700	24 June.
Cossgrove, S., Westport, N.Z. Washing machine	7548	17 April.
Cotham, W. R., Birmingham, Eng. Galvanic battery	8008	26 Oct.
Cottrell, H. L., Invercargill, N.Z. Slate-pencil sharpener	7502	19 March.
Cowan, W. H., and another, Edinburgh, Scotland. Wet gas-meter	7491	20 March.
Coward, W. H., Hastings, Eng. Crushing and grinding mill	8157	19 Dec.
Cox, H. W. C., and another, London, Eng. Shearing or clipping machine	8073	20 Nov.
Crawley, J., Wanganui, N.Z. Wire-strainer	7357	3 Jan.
Crawley, J., Wanganui, N.Z. Sheep-shears	7366	9 Jan.
Crawley, J., Wanganui, N.Z. Feeding-trough	7513	— March.
Credgington, H., Bendigo, Vic. Tap (G. Barnes)	7784	1 August.
Crichton, J., Wanganui, N.Z. Ventilating boot	7984	16 Oct.
Crichton, J., Wanganui, N.Z. Boot	8088	22 Nov.
Croker, P. W., New Plymouth, N.Z. Weatherboard	8158	19 Dec.
Crossley, E. A., and another, Auckland, N.Z. Tyre	7766	18 July.
Crossley, W. G., and another, Auckland, N.Z. Tyre	7766	18 July.
Crowder, S., London, Eng. (See The Floating Metal Company (Limited), No. 8168.)		
Crowe, R., Koroit, Vic. Aërating milk	7871	4 Sept.
Croxford, C. L., Dunedin, N.Z. Nail	7853	24 August.
Cuming, A. J., Christchurch, N.Z. Testing strength of pullers	7547	17 April.
Cuming, M. E., Christchurch, N.Z. Letter-paper and envelope combined	7832	20 August.
Cummer, F. D., Cleveland, Ohio, U.S.A. Drying and disintegrating materials	7446	4 March.
Cunnington, H. J., and another, Christchurch, N.Z. Monocycle racing machine	7573	27 April.
Cunnington, H. J., Christchurch, N.Z. Totalisator	8011	25 Oct.
Curran, E. J., Bathurst, N.S.W. Garment pocket	8001	25 Oct.
Curtin, J., Carlton, Melbourne, Vic. Ventilation apparatus	7459	28 Feb.
Cutlan, James, London, England. (See The Cutlan Patent Sew-Round Machine Syndicate, Limited, No. 7661.)		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—continued.

Name, Residence, and Invention.	No.	Date.
Cutlan, John, London, England. (See The Cutlan Patent Sew-Round Machine Syndicate, Limited, No. 7661.)		
Cutlan Patent Sew-Round Machine Syndicate (Limited), The, London, Eng. Turn-shoe sewing-machine (J. and J. Cutlan)	7661	7 June.
Cutten, W., and another, Dunedin, N.Z. Dredger	7843	21 August.
Cutten, W. H., and another, Dunedin, N.Z. Dredger	7843	21 August.
Dale, W. T., and another, South Parrumbete, Vic. Removing goods from narrow to broad gauge railway-trucks	7911	21 Sept.
Dallas, J. D., Melbourne, Vic. Butter-boxes, and method of stacking same	7912	21 Sept.
Dalrymple, W., Malvern, Vic. Discharging washed wool from apparatus	7575	3 May.
Dalton, W. J., Auckland, N.Z. Adjuster for music stools, &c.	7894	25 Jan.
Dalziel, J., Christchurch, N.Z. Wire-strainer	8047	6 Nov.
Daniel, F. H., Invercargill, N.Z. Rabbit poison	7798	6 Aug.
Danks, T. E., Christchurch, N.Z. Knife-cleaning apparatus	7657	7 June.
Dargie, C., and another, Shepparton, Vic. Fastener for window-sashes, &c.	7510	27 March.
Davidson, T. H., Dunedin, N.Z. Gold-saving appliance	8107	29 Nov.
Davies, G. W., Napier, N.Z. Boot	7388	22 Jan.
Davies, G. W., Napier, N.Z. Portable freezing-machine	7964	7 Oct.
Davies, J., Dunedin, N.Z. Soldering-iron	7462	27 Feb.
Davies, J., Dunedin, N.Z. Churn	7679	11 June.
Davies, L., and another, Christchurch, N.Z. Double fire-grate	7557	19 April.
Davies, L., and another, Christchurch, N.Z. Monocycle racing machine	7573	27 April.
Davies, L., Christchurch, N.Z. Milking machine	7856	29 August.
Davies, R. W., Dunedin, N.Z. Filler or funnel	7641	29 May.
Davies, Langdon-. (See under L.)		
Davis, I., Armadale, Vic. Wheel and axle	7989	18 Oct.
Daw, P., and another, Birmingham, Eng. Window-fittings and fastenings	7533	4 April.
Deacon, O., New Plymouth, N.Z. Eaves spout	7816	12 August.
De Ferrers, B., Whareama, N.Z. Laying "Toxa"	8110	5 Dec.
De Ferrers, B., Whareama, N.Z. Laying poisoned grain	8111	5 Dec.
De Lautreppe, A. L. C., and another, Christchurch, N.Z. Double fire-grate	7557	19 April.
De Mare Incandescent Gas-Light System Company (Limited), The, London, Eng. Gas apparatus. (F. de Mare)	8106	9 Dec.
De Mare, F., Paris, France. (See The De Mare Incandescent Gas-Light System Company (Limited), No. 8106.)		
Denmead, J. W., and others, Akron, Ohio, U.S.A. Filling boxes with matches	7568	29 April.
De Rigaud, L., Paris, France. Gold extracting	8143	12 Dec.
Devlin, A., and another, Dunedin, N.Z. Bottle-crate	7443	19 Feb.
De Wilde, P., Brussels, Bel. Extracting gold, &c.	7604	14 May.
Diamond Match Company, The, Chicago, U.S.A. Wax matches. (E. B. Beecher, J. P. Wright)	7696	22 June.
Dick, J., Reefton, N.Z. Manufacture of yeast	7959	7 Oct.
Dicker, F. M., Wellington, N.Z. Ladder-stay	7648	6 June.
Dillberg, G., and another, Sydney, N.S.W. Telephonic instrument	7785	1 August.
Dimick, W. A., Dunedin, N.Z. Horse-cover	7712	28 June.
Dixon, R. S., Sydney, N.S.W. (See F. A. Broughton, No. 7389.)		
Dixon, H., Sydney, N.S.W. Tobacco-pipe. (F. W. Schroeder)	7433	20 Feb.
Dixon, H., Sydney, N.S.W. Mouthpiece for pipes, cigars, &c. (F. W. Schroeder)	7686	19 June.
Dobell, J., and another, Modbury, Eng. Electric batteries	8091	27 Nov.
Dobell, J. L., and others, Modbury, Eng. Carbon for electrical purposes	7616	21 May.
Doe, L. B., San Francisco, U.S.A. (See B. A. Hadley, No. 7543)		
Dobson, A. D., Warnambool, Vic. Gear for hoists	7726	4 July.
Donaldson, J. A., and another, Auckland, N.Z. Flax-dresser	8112	4 Dec.
Douglas, D. A., Blenheim, N.Z. Life-saving dress	7640	29 May.
Doull, R., Mandeville, Southland, N.Z. Kiln-drier for oats, &c.	7411	8 Feb.
Dransfield, G. E., Christchurch, N.Z. Washing clothes	7956	4 Oct.
Dray, A., and another, Dunedin, N.Z. Putting ships' boats out	7503	21 March.
Drumm, J., Dunedin, N.Z. Ointment	7763	16 July.
Duckworth, E., Sydenham, Christchurch, N.Z. Bed-rest	7787	1 August.
Dufaur, W. J., and another, Auckland, N.Z. Flax-dresser	8112	4 Dec.
Duff, C. B., and another, Balclutha, N.Z. Rabbit-trap	7677	10 June.
Duff, J. N., and another, Balclutha, N.Z. Rabbit-trap	7677	10 June.
Duffy, W., London, Eng. Wood-block paving	7524	1 April.
Duke, J. F., London, Eng. Self-igniting gas apparatus	7904	19 Sept.
Dunbar, J. (See The Southland Farmers' Implement and Engineering Company (Limited), No. 8148.)		
Duncan, P., Christchurch, N.Z. (See P. and D. Duncan, No. 7955.)		
Duncan, P. and D. (Limited), Christchurch, N.Z. Attachment for rollers to substitute cross-ploughing	7365	5 Jan.
Duncan, P. and D. (Limited), Christchurch, N.Z. Twitch-knife attachment for spring-tine cultivators. (P. Duncan)	7955	3 Oct.
Dunn, D., Lincoln, Canterbury, N.Z. Syphon pump	8040	6 Nov.
Dunnett, F. E., Thames, N.Z. Pocket tobacco-cutter and pipe-filler	7748	17 July.
Durward, J., and others, Addington, Canterbury, N.Z. Governor for traction-engines	7781	30 July.
Dyrberg, L. N., Ashburton, N.Z. Driving gear for cycles	8079	20 Nov.
Eardley, T. R., Sydney, N.S.W. Transporting sulphuric or other acids	7782	1 August.
Eastwood, G., London, Eng. Platen press	7576	2 May.
Eastwood, G., London, Eng. Flongs for producing matrices for stereotyping	7577	2 May.
Eckersley, W., and another, Albury, N.S.W. Saving gold	7473	6 March.
Ede-Clendinnen, W. A. E., Hawthorn, Vic. Tip basin and frame	7850	26 August.
Edmonds, C., Petone, Wellington, N.Z. Attenuator beer-cask	7384	21 Jan.
Edwards, H., Sydney, N.S.W. (See R. A. Hervey, No. 7534.)		
Edwards, W., and another, London, Eng. Type-writing machine	7667	11 June.
Elliott, E. H., Temuka, Canterbury, N.Z. Rendering distemper colours insoluble	7863	31 August.
Ellis, G., Hastings, Hawke's Bay, N.Z. Race-starting machine	7428	13 Feb.
Ellis, T., Windsor, Vic. Butter-box	8004	26 Oct.
Embleton, D., and another, Leeds, Eng. Pneumatic stamps for crushing ores	7866	4 Sept.
Encke, M., and another, Berlin, Germany. Production of zinc	8036	5 Nov.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—*continued.*

Name, Residence, and Invention.	No.	Date.
Engle Sanitary and Cremating Company, Des Moines, Iowa, U.S.A. (See R. Hudson, No. 8116.)		
Entwistle, W. G., Wellington, N.Z. (See A. I. Littlejohn and P. Still, No. 7665.)		
Evans, E. H. R., Bedford, Cape of Good Hope. (See E. Waters, No. 7851.)		
Evensen, C. G., Coromandel, N.Z. Electrical stamps for crushing ore	7799	8 August.
Ewen, C., Cambridge, N.Z. Cultivator and potato raiser	7775	25 July.
Ewing, C., Barrackpore, British India. Rolling-stock for single rail	7488	16 March.
Eynon, T., Jameson, Vic. Quartz-crushing stamp battery	7563	24 April.
Fahlberg, C., Magdeburg, Prussia. (See Wilson Salamon and Company, Limited, No. 8142.)		
Fairbanks, J. A., Cambridge, Mass., U.S.A. Bell-buoy	7934	28 Sept.
Falconer, L., and another, Taradale, Hawke's Bay, N.Z. Embrocation	7809	13 August.
Faulds, J. P., and others, Dunedin, N.Z. Loom	8030	2 Nov.
Featon, E. H., and another, Gisborne, N.Z. Detergent	7905	20 Sept.
Fell, J. C., London, Eng. Concentrator for minerals	7608	15 May.
Felton, W., Stourport, Worcester, Eng. (See A. and S. Baldwin, No. 7819.)		
Fergusson, F. D., Wellington, N.Z. Game	7407	5 Feb.
Fergusson, F. D., Wellington, N.Z. Game	7408	6 Feb.
Fergusson, M. W., Melbourne, Vic. Desk. (A. Mauchain)	7585	9 May.
Fergusson, T., Hawksburn, Vic. Drawing off aerated liquids from bottles or fonts	7886	10 Sept.
Ferrers, De. (See under D.)		
Fessey, D. W., Auckland, N.Z. Boot	7536	1 April.
Fessey, D. W., Invercargill, N.Z. Food for poultry, pigs, &c.	8063	14 Nov.
Feuchtwanger, E., Munich, Germany. (See Waters, E., No. 7692.)		
Field, T. A. H., Wellington, N.Z. Perambulator	7567	27 April.
Field, W. E., and another, Armadale, Vic. Preparation of hides for tanning	7990	18 Oct.
Fischer, E., and others, London, Eng. Amalgamation of gold	8090	27 Nov.
Fishburn, J., London, Eng. Ice rinks. (F. Unsöld)	7378	18 Jan.
Flere and Mills (Limited), London, Eng. Election polling-station fittings	7929	27 Sept.
Fletcher, H. J., and others, Christchurch. Life jacket	8163	23 Dec.
Floating Metal Company (Limited), The, London, Eng. Recovery of metals from ores. (G. Robson)	8035	5 Nov.
Floating Metal Company (Limited), The, Llanfachreth, Wales. Recovery of oils from mixtures containing them. (S. Crowder)	8168	28 Dec.
Fogarty, J., and another, Invercargill, N.Z. Lever and body rest for vehicles	7450	21 Feb.
Ford, A. S., Wellington, N.Z. Waterproofing matches	7795	5 August.
Freeth, J. C., and another, Wellington, N.Z. Moorings	7977	16 Oct.
French, A. G., Thames, N.Z. Extraction of gold and silver from ores	7813	9 August.
Frewen, M., London, Eng. Medicinal and disinfecting fluid. (A. E. Woolf)	7474	8 March.
Friderichsen, F. V., Copenhagen, Denmark. Food for cattle	8141	14 Dec.
Friese-Greene, W., Chelsea, Eng. Photography	8072	20 Nov.
Frölich, O., Berlin, Germany. Extracting precious metals from ores	7941	1 Oct.
Frölich, O., Berlin, Germany. Electrolytic production of zinc from ores	8036	5 Nov.
Frost, G., Auckland, N.Z. Vehicle	7678	10 June.
Frost, G., and another, Auckland, N.Z. Vehicle.	8129	6 Dec.
Frost, W., London, Eng. Soles and heels of boots, &c.	7631	25 May.
Fullerton, G., and others, Newport, Eng. Box	7786	2 August.
Gajardo, A., Valparaiso, Chili. Recording number of passengers, &c.	7549	20 April.
Galbraith, D. R. S., Auckland, N.Z. Ore amalgamating plate	7646	5 June.
Galbraith, D. R. S., Auckland, N.Z. Alloying plant	7647	5 June.
Galbraith, D. R. S., Auckland, N.Z. Advertising medium	7747	17 July.
Gamlin, E. R., and others, Kew, Vic. Butter-box	8004	26 Oct.
Gardener, G. M., and another, Wellington, N.Z. Knife-cleaner	7779	31 July.
Garland, T., Wellington, N.Z. Dairy bucket	7579	7 May.
Gaut, J., Hastings, N.Z. Starting-machine	8014	29 Oct.
Gaut, J., Hastings, N.Z. Race-recording machine	8015	29 Oct.
Gaze, W. H., Westport, N.Z. Milk-testing	7540	6 April.
Gee, W., Christchurch, N.Z. Blind-roller fittings	7845	23 August.
Gell, J., Wellington, N.Z. Chimney-pot and ventilator	7745	16 July.
Gell, J., and others, Wellington, N.Z. Letter-pillar box and bag	8039	6 Nov.
Gersant, J., and another, Deal, Eng. Hermetically sealing boxes, tins, &c.	7498	20 March.
Gilbertson, W. M., Auckland, N.Z. Propelling ships	8003	23 Oct.
Gilchrist, R. B., London, England. Cork-extractor	7569	30 April.
Giles, F., South Yarra, Vic. Buggy-lamp	7436	21 Feb.
Glendining, R., and others, Dunedin, N.Z. Loom	8030	2 Nov.
Gloeckler, G. and another, Paris, France. Apparatus for betting on the <i>pari mutuel</i> system	7943	1 Oct.
Glossop, G., and another, Leeds, Eng. Pneumatic stamps for crushing ores	7866	4 Sept.
Godber, J., and another, Wellington, N.Z. Appliance for operating upon lambs	7882	6 Sept.
Godfrey, H. W., and others, Staines, Eng. Manufacture of floorcloths	7801	8 August.
Good, H. E., and another, Manaia, N.Z. Starting machine	7565	25 April.
Good, H. E., and another, Manaia, N.Z. Starting machine	7633	27 May.
Good, H. E., and another, Manaia, N.Z. Starting-machine	7638	28 May.
Goodwin, T., Otahuhu, Auckland, N.Z. Lamp-socket for vehicles	7811	8 August.
Gordon, J., and another, Rio de Janeiro, S. America. Concentrating ores	7720	4 July.
Gorten, F., Christchurch, N.Z. Automatic pot-stirrer	7516	27 March.
Gorten, F. M., Christchurch, N.Z. Spectacles	7979	16 Oct.
Grace, T., Sydney, N.S.W. Driving-gear for cycles	8164	30 Dec.
Graf, K., Dunedin, N.Z. Artificial foot	7472	2 March.
Graff, H., Wellington, N.Z. Plumb indicator	7794	5 August.
Graham, F., Christchurch, N.Z. Making and bottling of aerated waters	7430	18 Feb.
Graham, J., and another, Invercargill, N.Z. Gorse-clipper	7840	19 August.
Graham, S., Wendon, Southland, N.Z. Wire-strainer	7709	25 June.
Graham, W. A., Opawa, Canterbury, N.Z. Cure for foot-rot	7539	6 April.
Grainger, M., Christchurch, N.Z. Crank for bicycles	8012	25 Oct.
Gray, H., and another, Surrey, Eng. Cheese packing-case	7455	25 Feb.
Gray, J., Dunedin, N.Z. Chaff-discharge for threshing-machines	7903	16 Sept.
Gray, J., Dunedin, N.Z. Presser-screw for bagging chaff	7919	23 Sept.
Gray, R., Dunedin, N.Z. Plough	7651	5 June.
Gray, R., Dunedin, N.Z. Force-feed for sowing manure	8086	21 Nov.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—*continued.*

Name, Residence, and Invention.	No.	Date.
Green, E. J., Wellington, N.Z. Bottle-washer	7935	30 Sept.
Greenslade, J., Christchurch, N.Z. Totaling and counting machine	7802	8 August.
Greig, H., Wellington, N.Z. Gearing for windmills	7776	26 July.
Greig, H., and another, Sydenham, Canterbury, N.Z. Drain-plough	7807	10 August.
Grey, W. G., Remuera, Auckland, N.Z. Safety hurdle for races	7674	7 June.
Griffiths, E. W., and others, Sydney, N.S.W. Concentrating machine for discrete metalliferous material	7512	27 March.
Gross, A., Sydney, N.S.W. (See R. Wallace, G. Preddy, No. 7996.)		
Groves, E. R., Gladstone, Tasmania. Hydraulic-slucing race	7355	3 Jan.
Groves, E. R., Gladstone, Tasmania. Hydraulic injector funnel	7518	29 March.
Guillaume, T., Mulheim-on-the-Rhine, Germany. Insulating electric conductors	7893	14 Sept.
Guillaume, T., Mulheim-on-the-Rhine, Germany. Insulating electric conductors	8089	27 Nov.
Gunn, J. A., Yalgogrin, N.S.W. Field distribution of doughy or pasty material	7511	27 March.
Hadley, P. A., Auckland, N.Z. Piles. (L. P. Dos, R. B. Markle)	7543	10 April.
Haimes, W., Petane, Hawke's Bay, N.Z. Tire for vehicles	7825	19 August.
Halmes, W., Wellington, N.Z. Diminishing friction on ships during passage through water	8016	30 Oct.
Hale, G. R., Dunedin, N.Z. Knotter for harvester binders	8102	29 Nov.
Hall, H., Christchurch, N.Z. Winnowing, separating, and dressing machine	8046	6 Nov.
Ham, H., Wellington, N.Z. Potato-chopper	7639	29 May.
Ham, H., Wellington, N.Z. Clothes-line receptacle and strainer	8159	24 Dec.
Hammond, R. W., Wellington, N.Z. Marking meat	7486	13 March.
Hammond, W. J., and another, London, Eng. Concentrating ores	7720	4 July.
Hanmer, H. H., Liverpool, Eng. Coin-sorting apparatus	7668	11 June.
Hansen, A. H., Wellington, N.Z. Manufacture of vinegar	7527	2 April.
Harden, G. M., and others, Wellington, N.Z. Letter-pillar box and bag	8039	6 Nov.
Hardley, J., and another, Hawera, N.Z. Cooling and aerating milk	7978	18 Oct.
Hardley, I. S., and another, Hawera, N.Z. Cooling and aerating milk	7978	18 Oct.
Hare, A., and another, Auckland, N.Z. Cure of headache, toothache, neuralgia, catarrh	8082	22 Nov.
Hare, J. R., and another, Auckland, N.Z. Cure of headache, toothach, neuralgia, catarrh	8082	22 Nov.
Harman, T. de R., Christchurch, N.Z. Attachment to envelopes for opening them	7878	5 Sept.
Harold, A. R., Windsor, Vic. Collecting waste saponaceous matters for purification	7857	31 August.
Harper, R. H., and another, Melbourne, Vic. Scarifier or pea-cutter	7987	18 Oct.
Harper, W., and another, Melbourne, Vic. Tanning skins and hides	7990	18 Oct.
Harries, J. E., Gisborne, N.Z. Starting-machine	8146	16 Dec.
Harrison, I., Wellington, N.Z. Preserving food	7821	16 August.
Harrison, M. G., Auckland, N.Z. Cure of rheumatism, neuralgia, &c.	8044	4 Nov.
Hart, A. H., Christchurch, N.Z. Toy. (La Boite Magique, Limited—A. Martin)	7381	18 Jan.
Hart, A. H., and another, Christchurch, N.Z. Finger ring for striking matches	7623	21 May.
Hart, J., and another, Auckland, N.Z. Cure for rheumatism, sciatica, &c.	8068	15 Nov.
Hartnett, J., and another, Brunswick, Vic. Teat cup for milking-machines	7544	10 April.
Haslam, Sir A. S., Derby, Eng. Cooling air	7687	17 June.
Hathaway, A. H., Timaru, N.Z. Piano or organ accompanist	7552	10 April.
Hawkins, G. F., Palmerston N., N.Z. Type-writer	7369	11 Jan.
Hayes, E., Rough Ridge, Otago, N.Z. Poisoned pollard-cutter	7655	7 June.
Hayes, E., Rough Ridge, Otago, N.Z. Locomotive smoke-consumer	7777	29 July.
Hayes, E., Rough Ridge, Otago, N.Z. Vessel speed-increaser	7814	14 August.
Hayes, E., Rough Ridge, Otago, N.Z. Poisoned pollard-mixer	7927	27 Sept.
Hazard, W. H., Auckland, N.Z. Drying or warming boots	7767	24 July.
Heathcote, A., Dalmore, Southland, N.Z. Map	7992	21 Oct.
Heiden, O. C., Wellington, N.Z. Extracting gold and silver from ores, &c.	7374	15 Jan.
Helmer, J. L., Rome, Canada, U.S.A. (See D. H. and E. J. Burrell, No. 7364.)		
Henderson, M. M., and others, East Brighton, Eng. Box	7786	2 August.
Hervey, R. A., Sydney, N.S.W. Nut lock. (H. Edwards)	7534	4 April.
Hickson, T. W., Brighton, Vic. Candle- and lamp-holder	7515	29 March.
Hindle, B., Christchurch, N.Z. Shower-bath or fire-extinguisher	7517	27 March.
Hindley, T. L., and another, East Brunswick, Vic. Excluding entrance of draughts under doors	7860	31 August.
Hinman, B. C., New York, U.S.A. Extracting gold from ores	7884	10 Sept.
Hitch, W., Timaru, Canterbury, N.Z. Bucket and strainer	7399	30 Jan.
Hobday, H. S. E., Christchurch, N.Z. Launching boats	7749	15 July.
Hoepfner, C., Giessen, Germany. Extraction of metals	7772	25 July.
Hoiland, C. P., and another, Upper Kuaotunu, Thames. Oxidising cyanide	7817	14 August.
Holford, G., Ponsonby, Auckland, N.Z. Ships' davits	7671	5 June.
Holford, G., Ponsonby, Auckland, N.Z. Chocks for releasing ships' boats	7672	5 June.
Holroyd, T., East Brunswick, Vic. Knife-cleaner	7717	4 July.
Holt, H. P., London, Eng. Mode of propelling cars	7721	4 July.
Holt, P. W. M., New Plymouth, N.Z. Traverse co-ordinate reducing machine	7738	15 July.
Hood, J. J., London, Eng. Extracting metals with solvent materials	7425	14 Feb.
Hooke, C., and another, Wellington, N.Z. Candle extinguisher	7391	25 Jan.
Hooke, W., and another, Wellington, N.Z. Candle extinguisher	7391	25 Jan.
Hooker, W., South Yarra, Vic. Solution for illuminant mantles for gas-burners	8010	28 Oct.
Hormann, A., Waikiki, Southland, N.Z. Blight destroyer	8058	12 Nov.
Horne, A., Dannevirke, N.Z. Wire-strainer	8022	1 Nov.
Horneman, C. W., Brisbane, Queensland. Gold-saving machine	7666	11 June.
Hough, J., and another, Ontario, Canada. Drawing, sketching, and designing table	7626	23 May.
Hudson, G. V., Wellington, N.Z. Time-table	8076	21 Nov.
Hudson, R., Sydney, N.S.W. Furnace. (Engle Sanitary and Cremation Company)	8116	6 Dec.
Hughes, H., Wellington, N.Z. Windmill. (Rollason's Wind Motor Company, Limited.—S. J. Rollason)	8084	25 Nov.
Hughes, W. E., Wellington, N.Z. Machine for crushing ore. (W. Wells)	8165	30 Dec.
Humphreys, W. E., and another, Auckland, N.Z. Cure for rheumatism, &c.	8068	15 Nov.
Humphreys, G. E., Greytown North, N.Z. Wire-strainer	7475	9 March.
Hunter, H., Mataura, Otago, N.Z. Turnip-thinner and scarifier	8144	11 Dec.
Hurley, J. A., Riversdale, N.Z. Thinning crops sown in drills	8042	4 Nov.
Husband, J. C., Wellington, N.Z. Combustion chamber for guns	7602	14 May.
Husband, J. C., Wellington, N.Z. Hauling apparatus	7614	20 May.
Husband, J. C., Wellington, N.Z. Broiling meat	7713	1 July.
Husband, J. C., Ashurst, N.Z. Lever and pawl	8021	31 Oct.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—*continued.*

Name, Residence, and Invention.	No.	Date.
Husband, J. C., Ashurst, N.Z. Stump extracting	8031	5 Nov.
Hutchinson, W. F., New York, U.S.A. Railway	7607	15 May.
Hygienic Spring Mattress Company, The, Melbourne, Vic. Spring mattress. (C. O. Ihle)	7768	25 July.
Ihle, C. O., Malvern, Vic. (See The Hygienic Spring Mattress Company, No. 7768.)		
Innes, J., Invercargill, N.Z. Clothes-horse	7418	9 Feb.
Irvine, R. (junior), West Hartlepool, Eng. Umbrella-tent and holder	8147	19 Dec.
Ives, A. C., London, Eng. Billiard-table	7561	24 April.
Jackson, J. B., Gisborne, N.Z. Sheep-shearing machine	8005	26 Oct.
Jackson, S., Wellington, N.Z. Bolt	7571	30 April.
Jakins, G. S., Christchurch, N.Z. Cutting butter	7828	19 August.
James, T. H., and another, Feilding, N.Z. Starting-machine	7489	19 March.
Jameson, W. M., Wellington, N.Z. Advertising wall-splasher	7636	28 May.
Jeans, T. W., Dunedin, N.Z. Concentrating and amalgamating gold	7974	14 Oct.
Jeffreys, E. A., and another, London, Eng. Type-writing machine	7667	11 June.
Jenkins, C. V., Wellington, N.Z. Foot-mat	7810	13 August.
Jenkins, C. V., Wellington, N.Z. Instrument for setting out angles and bevels	7848	27 August.
Jenkins, P. N., Melbourne, Vic. Transportation of perishable produce	7839	24 August.
Jewell, C. E., and others, Seneca Falls, U.S.A. Wringer. (E. S. Combs, M. R. Jewell)	7630	25 May.
Jewell, M. R. and others, Seneca Falls, U.S.A. Wringer. (E. S. Combs, M. R. Jewell)	7630	25 May.
Jobbins, W. F., and another, New York, U.S.A. Glycerine, and treatment of residuum after distillation	8037	5 Nov.
Johnson, H. G., and others, Birchip, Vic. Washing-machine	7724	4 July.
Joll, J. H., and another, Havelock, Hawke's Bay, N.Z. Fruit-tree sprayer	7917	25 Sept.
Joll, W., and another, Havelock, Hawke's Bay, N.Z. Fruit-tree sprayer	7917	25 Sept.
Jones, D., Whangarei, N.Z. Launching ships' boats	7446	19 Feb.
Jones, E., Auckland, N.Z. Air sand-blast	7865	4 Sept.
Jones, G. B., and another, Denver, Colorado, U.S.A. Rock-drill	7437	21 Feb.
Jones, H. P., and another, Denver, Colorado, U.S.A. Rock-drill	7437	21 Feb.
Jones, J. M., Dunedin, N.Z. Apparatus for churning cream	7683	13 June.
Jones, J. W., Christchurch, N.Z. Hook-and-eye	8018	29 Oct.
Jones, J. W., Sumner, Canterbury, N.Z. Boot-and-shoe fastening	7595	10 May.
Joyce, C. R., and another, Taradale, Hawke's Bay, N.Z. Embrocation	7809	13 August.
Keir, J., Ashburton, N.Z. Ensilage press	8025	31 Oct.
Keith, N. S., Hawarden, Chester, Eng. Separating gold and silver from other metals	7481	12 March.
Kendall, E. D., Sewaren, New Jersey, U.S.A. Recovery of gold and silver from solutions	7858	31 August.
Kidd, C. C., Winton, N.Z. Ditching-plough	7774	16 July.
Kilworth, T. E., Ashburton, N.Z. Seed-separating machine	7611	14 May.
King, A., Lovell's Flat, Otago, N.Z. Rabbit-trap	7737	8 July.
King, F. J., East Oxford, Canterbury, N.Z. Wire-strainer	7427	14 Feb.
King, F. J., East Oxford, Canterbury, N.Z. Milk-cooler and aëerator	7925	26 Sept.
King, F. J., East Oxford, Canterbury, N.Z. Plough-share	7926	26 Sept.
Kirkpatrick, G. W., Macedon, New York, U.S.A. (See Bickford and Huffman Company, No. 7757)		
Kitson, J. H., Islington, N.S.W. Sterilising milk, &c.	7545	18 April.
Kline, C. L., New York, U.S.A. Keg-washing machinery	7755	19 July.
Knapp, F. H., and another, Adrian, Michigan, U.S.A. Can-labelling machine	8103	29 Nov.
Kofoed, J. T., Dunedin, N.Z. Vacuum bottling-machine	7406	14 Jan.
Koopmann, F. J., Munich, Germany. (See E. Waters, No. 7692)		
Krause, A. H., Wellington, N.Z. Envelope	8050	9 Nov.
Krause, A. H., Wellington, N.Z. Envelope and wrapper	8054	13 Nov.
Kreissig, M., Wellington, N.Z. Ice-safe	7950	4 Oct.
Lamb, J. G., Wellington, N.Z. Cool safe	7591	11 May.
Lamb, J. G., Wellington, N.Z. Cool safe	8122	6 Dec.
Lamb, J. R., Cambridge, Waikato, N.Z. Ridding flax-fibre and tow of gum	7506	26 March.
Lambert, C. C., Ashurst, N.Z. Cycle	7658	10 June.
Lambert, C. C., Ashurst, N.Z. Pneumatic bicycle saddle	8032	5 Nov.
Lambert, C. J. S., and another, Paris, France. Refrigerating meat	7793	3 August.
Lang, J. T., Dunedin, N.Z. Making cheeses	8150	17 Dec.
Langdon-Davies, W., West Kensington, Eng. (See The Alternate Current Electro-motor Syndicate, Limited, No. 8140.)		
Langford, R., and another, Melbourne, Vic. Saving fine gold	7473	6 March.
Langley, A. E., and another, Auckland, N.Z. Pulverising and amalgamating-pans	7975	10 Oct.
Langley, A. E., and another, Auckland, N.Z. Amalgamating-pan	7976	10 Oct.
Lansell, G., Bendigo, Vic. Raising water by compressed air	7426	14 Feb.
Lansell, G., Bendigo, Vic. Raising water by compressed air	7684	17 June.
Lansell, G., Bendigo, Vic. Pumping or raising of water	7440	21 Feb.
Latham, B. L., Christchurch, N.Z. Automatic extinguishing candlestick	7662	7 June
Latham, B. L., Christchurch, N.Z. Finger ring for striking matches	7623	21 May.
Laughlin, S. J., and another, Guelph, Ontario, Canada. Drawing, sketching, and designing table	7626	23 May.
Lautreppe, De. (See under D.)		
Lavender, G. W., Hobart, Tasmania. Advertising with postage-stamps, and train-tickets	7966	11 Oct.
Lawless, T. G., and another, Gisborne, N.Z. Scrub-puller	7582	4 May.
Lawrence, T. H., Dunedin, N.Z. (See Massey Harris Company, Limited, No. 7824.)		
Lea, D., and another, Masterton, N.Z. Tobacco-box and cutter	8057	14 Nov.
Leake, C. F., and others, Staines, Middlesex, Eng. Manufacture of floorcloths	7801	8 August.
Leatherbarrow, J. B., Wellington, N.Z. Automatic advertiser	7572	30 April.
Leatherbarrow, J. B., Wellington, N.Z. Eccentric window-wedge	7706	27 June.
Lee, J. C., and others, Melbourne, Vic. Liquid-fuel burner	7976	11 June.
Legg, A., New Jersey, U.S.A. (See The Self-threading Sewing-machine Company, No. 7970.)		
Legge, E. N., Auckland, N.Z. Apparatus for packing dried fruit	7380	19 Jan.
Leigh, J., Mount Roskill, Auckland, N.Z. Dry food for horses and cattle	7931	28 Sept.
Lemichel, J., Paris, France. Apparatus for raising liquids	8167	30 Dec.
Lemmington, C. E., and another, Palmerston, N.Z. Automatic brake	7593	13 May.
Leslie, A., Timaru, N.Z. Electro-medico combination table	7370	12 Jan.
Lewis, G., Launceston, Tasmania. Lace boot	7519	29 March.
Lewis, J., and another, Greytown North, N.Z. Starting machine	7483	12 March.
Light, A. H., Wellington, N.Z. Soap and blue-bag rack	7514	29 March.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—continued.

Name, Residence, and Invention:	No.	Date.
Lindsay, A. McK., and another, Waianiwa, Otago, N.Z. Condensing milk	8185	12 Dec.
Lindsay, G., Christchurch, N.Z. Reducing soot and smoke, and economizing fuel	8188	12 Dec.
Lindsay, R. C., and another, Waianiwa, Otago, N.Z. Condensing milk	8185	12 Dec.
Linley, G. H., Wellington, N.Z. Automatic candle-extinguisher	7643	30 May.
Linley, J. A., London, Eng. Treating frozen-meat	7948	4 Oct.
Litchfield, G. F., Cooma, N.S.W. Pump	7564	24 April.
Littlejohn, A. I., and another, Wellington, N.Z. Traversing and levelling head for theodolites. (W. G. Entwistle)	7665	11 June.
Lloyd, G. L., and another, Auckland, N.Z. Vehicle	8129	6 Dec.
Lockwood, A. A., and another, Auckland, N.Z. Pulverising and amalgamating-pan	7975	10 Oct.
Lockwood, A. A., and another, Auckland, N.Z. Amalgamating-pan	7976	10 Oct.
Longdill, C. P. W., Auckland, N.Z. Wire-fence straining-gear	7930	25 Jan.
Lothian, J., and another, Dunedin, N.Z. Casting- and slaughtering-machine	7994	15 Oct.
Lucas, C. E., and others, Staines, Middlesex, Eng. Manufacture of floorcloth	7180	8 August.
Lundstrom, C. J., Little Falls, New York, U.S.A. (See D. H. and E. J. Burrell, No. 7525.)		
Luttrell, E. V., and another, Ormond, N.Z. Detergent for clothes	7905	20 Sept.
Lyon, C. G., and others, Melbourne, Vic. Concentrating ores	7587	9 May.
Lyons, J., and another, Invercargill, N.Z. Apron for reapers-and-binders	8149	16 Dec.
MacArthur, J. S., Pollokshields, Renfrew, North Britain. (See The Cassel Gold Extracting Com- pany, Limited, No. 7691.)		
Macalister, J., Invercargill, N.Z. Differential gear-lock for traction-engines	7449	21 Feb.
Macalister, J., Invercargill, N.Z. Manure-distributor	7599	13 May.
Macalister, J., Invercargill, N.Z. Fencing-wire holder	7730	2 July.
Macalister, J., Invercargill, N.Z. Apron for reapers-and-binders		
Macalister, J., Invercargill, N.Z. (See The Southland Farmers' Implement and Engineering Company, Limited, No. 8130)		
Macaulay, J., and another, Dunedin, N.Z. Milk-aerator	7652	5 June.
Macdonald, A. D., Melbourne, Vic. Telegraphic relays	7612	16 May.
Macdonald, A. L., Wanganui, N.Z. Ear-mark for sheep or cattle	7542	10 April.
Macdonald, R. M., Christchurch, N.Z. Totalisator	7432	18 Feb.
Macdonald, R. M., Christchurch, N.Z. Totalisator	7529	4 April.
Macdonald, R. M., Christchurch, N.Z. Tramway-motor	7741	12 July.
MacGregor, W. P., and another, Melbourne, Vic. Apparatus for actuating machine sheep- shears, &c.	7358	4 Jan.
Mackay, H., and another, Wellington, N.Z. Combined spade and poison-layer	7615	20 May.
Mackey, W. McD., Leeds, Eng. Making potassic cyanide	7360	4 Jan.
Mackintosh, J., and another, Melbourne, Vic. Treating hides and skins	7578	3 May.
Mackintosh, J., and another, Melbourne, Vic. Treating hides and skins	7744	15 July.
Macnamara, D., and another, Hastings, N.Z. Garden spraying machine	7736	10 July.
Maertens, E., New York, U.S.A. Treating raw wool and animal fibres with solvents	7892	14 Sept.
Mainland, H. L., Burke's, Otago, N.Z. Ventilated ceiling for dairy-factories	7403	29 Jan.
Mainland, H. L., Dunedin, N.Z. Rabbit-trap	7800	3 August.
Mare, De. (See under D.)		
Markle, R. B., Westport, Cal., U.S.A. (See P. A. Hadley, No. 7543.)		
Marsden, G. H., Dunedin, N.Z. Combined oil-can and lamp	7551	9 April.
Marsden, W. H., Salisbury, S.A. Self-supporting trousers	7944	3 Oct.
Marshall, F. L., and others, London, Eng. Carbon for electrical purposes	7616	21 May.
Martin, A., Richmond, Surrey, Eng. (See A. H. Hart, No. 7381.)		
Martin, A. M., Linton, Manawatu, N.Z. Slasher	7521	30 March.
Martin, C., and another, Wellington, N.Z. Apparatus for opening mouths of animals	7761	19 July.
Martin, H. H., Mataura, Otago, N.Z. Turnip-thinner	8145	11 Dec.
Martin, R., and another, Wellington, N.Z. Seed-threshing machine	7854	30 August.
Martin, R., and another, Wellington, N.Z. Seed-threshing machine	7915	23 Sept.
Mason, C. H., Christchurch, N.Z. Assisting tractive-power in starting vehicles	8062	14 Nov.
Mason, W., and another, South Hamilton, Vic. Vermin trap	7593	11 May.
Massey Harris Company (Limited), Dunedin, N.Z., Melbourne, Vic., and Toronto, U.S.A. Feeder for use on drills. (T. H. Lawrence)	7824	15 Aug.
Masson, W. T., and another, Carterton, N.Z. Flexible steel-tined harrow	7644	5 June.
Mather, W., Manchester, Eng. Manufacture of mosaic floorcloth	7942	1 Oct.
Mathieson, W. H., Invercargill, N.Z. Hinge for back seat of buggy	7387	21 Jan.
Mauchain, A., Geneva, Switz. (See M. W. Fergusson, No. 7585.)		
Mawson, J. K., Christchurch, N.Z. Lever lifting-jack with adjustable screwed standard	7930	26 Sept.
McArdell, J. O., Perth, W.A. (See The Acme Explosive Proprietary Company, Limited, No. 7685.)		
McBeath, D. C., Kirwee, Canterbury, N.Z. Speed-gear for bicycles	8019	30 Oct.
McBeath, J. C., Kirwee, Canterbury, N.Z. Spring time for cultivators	7902	17 Sept.
McCarter, G., jun., and another, Dunedin, N.Z. Steering bicycles	7873	31 August.
McCrea, J. C., and another, Palmerston N., N.Z. Eccentric wire letter-clip	7659	10 June.
McCreath, J., Gore, Otago, N.Z. Fencing-standard	7960	7 Oct.
McCreath, J., Gore, Otago, N.Z. Wire-strainer	7961	7 Oct.
McDermott, M., Ponsonby, Auckland, N.Z. Burglar alarm	7938	26 Sept.
McDougall, J. W., Napier, Hawke's Bay, N.Z. Obtaining motive-power	7555	18 April.
McDougall, J. W., Napier, Hawke's Bay, N.Z. Window-frames and sashes	7936	30 Sept.
McDougall, J. W., Napier, Hawke's Bay, N.Z. Sash-frames for sliding sashes	7937	30 Sept.
McGill, E. S., Gore, Southland, N.Z. Erection of wire-fences and subsequent tightening of wires	8029	31 Oct.
McGilvray, H., and another, Dunedin, N.Z. Putting ships' boats out	7503	21 March.
McGregor, A. E., Akaroa, N.Z. Castor	7452	26 Feb.
McGregor, J., Dunedin, N.Z. Refrigerator	7535	1 April.
McHale, J. W., Raupo Bay, Banks Peninsula, N.Z. Assisting and proving the processes of calculations	7997	23 Oct.
McKeegan, J., Wellington, N.Z. Driving-mechanism for bicycles, &c.	7953	5 Oct.
McKeever, N., and another, Surrey, Eng. Cheese packing-case	7455	25 Feb.
McKenny, J., and another, Wellington, N.Z. Seed threshing-machine	7854	30 August.
McKenny, J., and another, Wellington, N.Z. Seed threshing-machine	7915	23 Sept.
McKenzie, D. D., Wellington, N.Z. Boot-lacing	7914	23 Sept.
McKenzie, D. D., Carnarvon, N.Z. Sash-fastener	7946	4 Oct.
McKenzie, D. D., Carnarvon, N.Z. Cultivating ground whilst same is being ploughed	7968	14 Oct.
McKinnon, W., and another, Palmerston N., N.Z. Eccentric wire letter-clip	7659	10 June.
McLarty, F. M., Penang, Straits Settlements. Boring	8131	10 Dec.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—*continued.*

Name, Residence, and Invention.	No.	Date.
McLeod, C., Melbourne, Vic. Tine or tooth for spring-toothed implements	7361	4 Jan.
McLeod, H. N., Wellington, N.Z. Coating electrically non-conducting articles	7708	28 June.
McMillan, S., and another, Mansfield, Vic. Apparatus for distributing poisoned materials	7628	23 May.
McQuillan, C., Balmmain, N.S.W. (See H. Pateson, No. 8166.)		
McRae, A., Wairangi, Auckland, N.Z. Apparatus for dipping sheep	7538	8 April.
McRae, R. E., and another, Manaia, N.Z. Starting machine	7565	25 April.
McRae, R. E., and another, Manaia N.Z. Starting machine	7633	27 May.
McRae, R. E., and another, Manaia, N.Z. Starting-machine	7638	28 May.
Meckiff, J., and others, N. Fitzroy, Vic. Butter-box	8004	26 Oct.
Meredith, H. M., Quirindi, N.S.W. Drain and track-cutting apparatus	7693	21 June.
Metzger, J., Campbelltown, N.Z. Propeller for boats	8161	20 Dec.
Meyenberg, W. F., Ashburton, N.Z. Detachable automatic cut-off governor for back slide cut-off steam-engines	7921	27 Sept.
Midas Gold Saving Machinery Company, San Francisco, U.S.A. Amalgamator. (A. C. Rumble) ..	7967	12 Oct.
Miller, H., and another, Oamaru, N.Z. Movable phæton body	7596	10 May.
Minter, W. J., and another, Essex, Eng. Pocket-knife	7468	4 Mar.
Mitchell, J., Auckland, N.Z. Nail and washer	8085	26 Nov.
Mitchell, J., Auckland, N.Z. Appliance to prevent window-sashes rattling	8151	17 Dec.
Mitchell, J., Auckland, N.Z. Foundation-pile for framed wooden structures	8152	17 Dec.
Moderate, J., and another, Wellington, N.Z. Appliance for operating upon lambs	7882	6 Sept.
Mohovich, A., Akaroa, N.Z. Anchor	7362	5 Jan.
Moir, J. B., Invercargill, N.Z. Pot-hook and hanger	7716	1 July.
Monier, L. P., and another, Paris, France. Totalising apparatus for use in betting on the pari-mutuel system	7943	1 Oct.
Moore, H. E., and others, Sydney, N.S.W. Concentrating-machine for discrete metalliferous material	7512	27 Mar.
Moore, F., and another, Upper Kuaotunu, N.Z. Oxidising cyanide	7817	14 August.
Moorhouse, A. H., Dunedin, N.Z. Aërating and cooling milk	8156	18 Dec.
Morison, H., and another, Greytown North, N.Z. Starting-machine	7453	26 Feb.
Morris, C. C., Riverton, Otago, N.Z. Pocket tobacco-cutter	7386	23 Jan.
Morrison, A., and another, Dunedin, N.Z. Milk-aëerator	7652	5 June.
Morrison, J., and another, Colac, Vic. Removing goods from narrow- to broad-gauge railway-trucks	7911	21 Sept.
Morrison, J. B., and another, South Dunedin, N.Z. Refrigerating-machine	7504	22 Mar.
Morton, W., Dunedin, N.Z. Kerosene oil-tap	7556	19 April.
Morton, W., Dunedin, N.Z. Starting syphons	7642	27 May.
Moss, B., Sydney, N.S.W. Advertising postal-carrier or envelope	7397	30 Jan.
Muir, J. M., and another, Dunedin, N.Z. Brake for velocipedes	7743	11 July.
Mullon, J. W., and another, Christchurch, N.Z. Furniture-caster	8056	12 Nov.
Munden, A. J. W., and another, Dunedin, N.Z. Brake for velocipedes	7743	11 July.
Munro, G., Dunedin, N.Z. Saving fine gold	7423	13 Feb.
Munson, A. L., New York, U.S.A. (See The American Tobacco Company of N.Z. Ltd., No. 7823.)		
Munson, A. L., New York, U.S.A. (See The American Tobacco Company of N.Z. Ltd., No. 7829.)		
Munson, A. L., New York, U.S.A. (See The American Tobacco Company of N.Z. Ltd., No. 7940.)		
Murley, E. M., Urenui, Taranaki, N.Z. Fencing-standard	7969	10 Oct.
Murtagh, P. J., Feilding, N.Z. Apparatus for starting races	7412	8 Feb.
Murtagh, P. J., Feilding, N.Z. Starting machine	7750	17 July.
Myers, S., Dunedin, N.Z. Manufacturing metal dental-plates	7981	14 Oct.
Newall, J. W., Ongar, Essex, Eng. Hair- and wool-clipping machine	7493	20 March.
Nicholas, A. M., Hawthorn, Melbourne, Vic. Temperature exchanger	7895	10 Sept.
Nicol, J., Wellington, N.Z. Milk aëerator and cooler	7899	19 Sept.
Nicol, J., Wellington, N.Z. Water-heater	7900	19 Sept.
Niemczik, A., Leipsic, Germany. Starting gas and petroleum engines	7487	14 March.
Norie, K. E., Wellington, N.Z. Door-fastener	7451	25 Feb.
Norman, R. C., Melbourne, Vic. Window-fastening	8075	20 Nov.
Oates, J. G., Wellington, N.Z. Windmill	7995	22 Oct.
O'Brien, C., Thames, N.Z. Extracting precious metal from ores	7962	4 Oct.
O'Dwyer, C. H., Feilding, N.Z. Staple for wire-fencing	8066	19 Nov.
O'Hara, C. D., Christchurch, N.Z. Boot	7419	11 Feb.
O'Neill, J., Longbeach, Canterbury, N.Z. Canvas conveyor for reapers, binders, &c.	7416	9 Feb.
O'Neill, J., Longbeach, Canterbury, N.Z. Horse-cloth	7570	30 April.
Oppermann, C. T. J., and others, London, Eng. Amalgamation of gold	8090	27 Nov.
Oppermann, E. L., and others, London, Eng. Amalgamation of gold	8090	27 Nov.
Orchard, M., Opunake, N.Z. Guide to fire-escape	7906	20 Sept.
Osborne, J., Doyleston, Canterbury, N.Z. Seed-separating machine	7581	7 May.
Osborne, W. E. C., Auckland, N.Z. Attachment for roller-blinds	7876	31 August.
Owen, W. T., Wellington, N.Z. Destruction of weeds and preservation of permanent-way	8080	23 Nov.
Oxley, H. H., Auckland, N.Z. Uncorking bottles and destroying labels	8013	24 Oct.
Page, W., Winchester, South Canterbury, N.Z. Wire-strainer	7417	13 Feb.
Page, W., Winchester, South Canterbury, N.Z. Wire strainer and repairer	7710	29 June.
Palmer, C. H., and others, Akron, Ohio, U.S.A. Filling boxes with matches	7568	29 April.
Park, A. J., Dunedin, N.Z. Gold dredging machinery	8123	2 Dec.
Parrington, C. E., Wellington, N.Z. Beverage	7949	4 Oct.
Paterson, C. E., Malvern, Vic. Ventilating churns	7669	11 June.
Pateson, H., Sydney, N.S.W. Metal cans and method of opening same. (C. McQuillan)	8166	30 Dec.
Pattie, D. H., Blenheim, N.Z. Saving gold from quartz-reefs	7597	13 May.
Pearson, J., Whittton, N.S.W. Apparatus for distributing pollard, &c.	7988	18 Oct.
Pease, E. L., Hurworth-on-Tees, Durham, Eng. Structural arrangement for flooring, walling, &c. ..	7634	27 May.
Peck, O. B., Chicago, U.S.A. Centrifugal separator for ores	7867	4 Sept.
Peck, O. B., Chicago, U.S.A. Centrifugal separator for ores	7868	4 Sept.
Peck, O. B., Chicago, U.S.A. Centrifugal separator for ores	7869	4 Sept.
Peddle, A., and others, Palmerston N., N.Z. Window-sash lock	7837	24 August.
Pelatan, L., and another, Paris, France. Extracting gold from its ore	7441	21 Feb.
Pelatan, L., and another, Paris, France. Separation of precious metals from ores	7874	3 Sept.
Penny, J. T., and another, Adelaide, S.A. Triturating and amalgamating gold and silver ores ..	7457	28 Feb.
Perry, A. M., Auckland, N.Z. Manure and seed distributor	7751	15 July.
Phelps, F., and another, Birmingham, Eng. Window fittings and fastenings	7533	4 April.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—*continued.*

Name, Residence, and Invention.	No.	Date.
Philip, A. V., Auckland, N.Z. Heads for side-saddles	8023	29 Oct.
Philip, A. V., Auckland, N.Z. Stirrup-bar	8024	29 Oct.
Phillips, C., South Yarra, Vic. Gold-separating apparatus	7728	4 July.
Philpott, A., West Plains, N.Z. Besom for sweeping purposes, and appliances for making same	7982	12 Oct.
Philpott, T. S., Wellington, N.Z. Pot-lid	7603	14 May.
Pike, J. A., and another, Wellington, N.Z. Non-combustible wick, and lamp for same	7420	13 Feb.
Pilkington, W. L., St. Helen's, Lancaster, Eng. Production of corrugated sheet-glass	7822	16 August.
Pillans, W. S., Dunedin, N.Z. Lifting-jack	7890	21 August.
Pillans, W. S., Dunedin, N.Z. Lifting-jack	8083	20 Nov.
Pinto, A. B., Rio de Janeiro, Brazil. (See E. Waters, No. 7759.)		
Pledger, J. H., Dunedin, N.Z. Utilising rise and fall of tide for motive power for generating electricity	7728	4 July.
Pollard, E. T., Liverpool, Eng. Cigarette machine	8051	9 Nov.
Porter, A., Dunedin, N.Z. Rabbit-trap	7559	22 April.
Porter, A., Dunedin, N.Z. Rabbit-trap	7770	22 July.
Porter, D., Wellington, N.Z. Oil-can	7410	7 Feb.
Postle, J. D., Sydney, N.S.W. Preserving by cold	7862	31 August.
Potter, C. V., Melbourne, Vic. Increasing heat in furnaces	8100	29 Nov.
Potter, H. W., Wellington, N.Z. Branding-machine	7558	22 April.
Potter, H. W., Wellington, N.Z. Folding-bedstead	7891	13 Sept.
Potter, J. E., Wellington, N.Z. Boot-upper	7872	15 Jan.
Pownall, C. A., and another, Masterton, N.Z. Tobacco-box and cutter	8057	14 Nov.
Prasse, W., and another, Steinheim, Westphalia, Germany. Apparatus for moulding tiles	7690	20 June.
Pratt, F., Sumner, Canterbury, N.Z. Aërated water vessels	7393	25 Jan.
Pratten, C., Sydney, N.S.W. Moulding-press	7395	30 Jan.
Pratten, H. E., and others, Sydney, N.S.W. Hermetically-sealed vessel	8119	6 Dec.
Preddey, G., and another, Sydney, N.S.W. Closet-pan, closet-seat, and slop-pail. (A. Gross)	7996	22 Oct.
Preece, J., and others, Christchurch, N.Z. Life jacket	8163	23 Dec.
Pringle, A., Wellington, N.Z. Facilitating swimming	8081	23 Nov.
Pringle, A., Wellington, N.Z. Post for gates, strained wire-fencing, &c.	8136	12 Dec.
Prosser, T. H., and another, Boyce, Vic. Clothes-peg	8055	18 Nov.
Purser, E., Wellington, N.Z. Extracting iron from gold-bearing sand	7470	4 March.
Purser, E., Blenheim, N.Z. Ironsand briquettes	8094	28 Nov.
Puvrez, P., Lille, Nord, France. Pasteurising, sterilizing, and cooling beers, and aerating same.. ..	7550	20 April.
Rabidge, P., Sydney, N.S.W. Telephone apparatus	7496	20 March.
Rabidge, P., and another, Sydney, N.S.W. Telephonic instrument	7785	1 August.
Rand, A. C., New York, U.S.A. Explosive compound	7689	20 June.
Raworth, J. S., Surrey, Eng. Steam-engine	8137	10 Dec.
Raymond, F. V., Invercargill, N.Z. Tin-opener	7830	19 August.
Raymond, F. V., Invercargill, N.Z. Tin-opener	7831	19 August.
Readman, J. B., Edinburgh, Scotland. Obtaining cyanides and ferro-cyanides	7592	11 May.
Reed, C. H., New York, U.S.A. Fastening device for envelopes, boxes, &c.	8115	6 Dec.
Reed, J. H., and another, Ballarat, Vic. Appliance for use in inhalation of vapours	7752	19 July.
Reeves, W., Wellington, N.Z. Brake for vehicles	8007	26 Oct.
Reid, H. T., London, Eng. Oil- and gas-engine	7404	4 Feb.
Reid, R., Melbourne, Vic. Transporting cash, &c., from one part of shop to another.. ..	7933	28 Sept.
Renner, J. R., Wellington, N.Z. Paper-file	7580	7 May.
Reuse, J. (See Compagnie Générale pour Exploitation, &c., No. 7986.)		
Reynolds, C., Auckland, N.Z. Diagonal sails	8139	9 Dec.
Richardson, D., Gore, N.Z. Gold-extracting machine	8067	15 Nov.
Richardson, E., jun., Albany, Canterbury, N.Z. Fertilising compound	7765	19 July.
Richardson, J., Sydney, N.S.W. (See The Richardson and Schroeder Patent Smoke-consuming, Fuel-economising, and Steam-boiler Company, Limited, No. 7434.)		
Richardson and Schroeder Patent Smoke-consuming, Fuel-economising, and Steam-boiler Company (Limited), The, Sydney, N.S.W. Steam-boilers and furnaces. (J. Richardson.)	7434	20 Feb.
Richardson, W. E. Outram, N.Z. Window-sash adjuster	7590	7 May.
Richardson, W. E., Outram, Otago, N.Z. Bicycle wheel	7841	19 August.
Richardson, W. H., and another, Adelaide, S.A. Triturating and amalgamating gold and silver ores	7457	28 Feb.
Richter, S., Waikiki, Southland, N.Z. Insect-destroyer	7554	17 April.
Rigaud, L. de, Paris, France. Gold-extracting	8143	14 Dec.
Rittenberg, J., Dunedin, N.Z. Ventilation of waterproof garments	7920	23 Sept.
Robb, G. M., Sydney, N.S.W. Automatic candle-extinguisher	7424	15 Feb.
Robb, J., Masterton, N.Z. Flexible harrow	7753	19 July.
Robbie, J. B., New Plymouth, N.Z. Reversing window-sashes	7505	15 Mar.
Roberts, T., Sydney, N.S.W. Starting apparatus	8153	18 Dec.
Robertson, J. C., and another, Richmond, Vic. Illuminant for use with gas, kerosene, and candles	8074	20 Nov.
Robinson, A. G., Wellington, N.Z. Gold-concentrator	8061	16 Nov.
Robinson, A. H., Melbourne, Vic. Entrapping rabbits	7447	21 Feb.
Robinson, G. H., Dunedin, N.Z. Amalgamator for saving gold	8087	21 Nov.
Robinson, J., Coromandel, N.Z. Concentrating and amalgamating precious metals	7971	12 Oct.
Robinson, J., Coromandel, N.Z. Quartz-crushing machine	7972	12 Oct.
Robison, D. M., and another, St. Kilda, Vic. Teat-cup of milking-machines	7544	10 April.
Robson, G., Dolgelly, Wales. (See The Floating Metal Company, Limited, No. 8035.)		
Rollason, S. J., South Hampstead, Eng. (See H. Hughes, No. 8084.)		
Rollason's Wind-Motor Company, Limited, London, Eng. (See H. Hughes, No. 8084.)		
Roope, L. G., and another, Dunedin, N.Z. Tubular boiler	8101	27 Nov.
Rose, D., and others, Dunedin, N.Z. Cushion for billiard tables	7780	27 July.
Rose, J., Caversham, Dunedin, N.Z. Starting machine	7566	23 April.
Rose, J., Dunedin, N.Z. Starting apparatus	7806	7 August.
Rose, J., Dunedin, N.Z. Liberating dogs at coursing matches	7834	19 August.
Rosenberg, C. O., Wellington, N.Z. Cards, billheads, circulars, trade envelopes, labels with locality-plan	7852	31 August.
Roux, M. A. J., Paris, France. Separating metals from blends	7458	28 Feb.
Rowbotham, W., Birmingham. Galvanic battery	8008	26 Oct.
Rudd, E. W., and another, S. Melbourne, Vic. Railway cycle	7773	25 July.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—*continued.*

Name, Residence, and Invention.	No.	Date.
Rugg, D., and another, Coromandel, N.Z. Musical instrument	8045	8 Nov.
Rumble, A. C., San Francisco, U.S.A. (See Midas Gold-saving Machinery Company, No. 7967.)		
Rumgay, J., Wellington, N.Z. Sash-fastener	8092	27 Nov.
Rumgay, J., Wellington, N.Z. Ventilator for windows	8093	27 Nov.
Rundel, W., and another, Mansfield, Vic. Apparatus for distributing poisoned materials ..	7628	23 May.
Ruymbeke, Van. (See under V.)		
Ryder and Company (Limited), London, Eng. Machine for bottling beer, &c. (T. Sutcliffe)	7439	21 Feb.
Salamon Wilson and Company, Limited. (See Wilson Salamon and Company, Limited.)		
Salberg, F. S., London, Eng. Disinfection of refuse	7467	4 March.
Sanders, J., and another, Essex, Eng. Pocket-knife	7468	4 March.
Sapwell, T. E., Kelso, Otago, N.Z. Canister for sowing artificial manures	7499	15 March.
Saunders, A. G., Adelaide, S.A. Stamp-battery	7723	4 July.
Saunders, F., and another, Hastings, N.Z. Starting machine	7476	8 March.
Saunders, R. N., and another, Gisborne, N.Z. Scrub-puller	7582	4 May.
Savage, W. C., New York, U.S.A. Apparatus for racking liquids	7632	25 May.
Saywell, G. H. and another, Feilding, N.Z. Starting-machine	7489	19 March.
Scarr, J. S., Hobart, Tasmania. Waterproof cleaning and polishing glove	8038	5 Nov.
Schadick, J. F. W., Westport, N.Z. Motor	7864	27 August.
Schey, W. R., and others, Redfern, N.S.W. Testing whether wool is wet or dry	7508	27 March.
Schmidt, A., Berlin, Germany. Extraction of gold and silver	7583	8 May.
Schroeder, F. W., Sydney, N.S.W. (See H. Dixon, No. 7433.)		
Schroeder, F. W., Sydney, N.S.W. (See H. Dixon, No. 7686.)		
Scott, W. G., and others, Melbourne, Vic. Liquid-fuel burner	7676	11 June.
Scott, W. H., Dunedin, N.Z. Gold-saver	8098	22 Nov.
Seagar, E., Wellington, N.Z. Driving-gear for bicycles, &c.	7826	20 August.
Seager, C. A., Christchurch, N.Z. Tool for cutting metal lining of cases	7531	1 April.
Sefton, E. Christchurch, N.Z. Handle of cricket-bat	8095	28 Nov.
Selby, A., Sydney, N.S.W. Cooking-stoves	7793	1 August.
Self-threading Sewing-machine Company, The, New York, U.S.A. Sewing-machine (A. Legg and F. H. Treacy)		
Shailer, G. W., and another, Palmerston North, N.Z. Cultivator	7820	16 August.
Shallenberger, O. B., Rochester, Pennsylvania, U.S.A. Measuring electrical currents ..	7438	21 Feb.
Shanly, W. I., and another, Hastings, N.Z. Garden spraying-machine	7736	10 July.
Sharp, W. B., and others, Newcastle, N.S.W. Obtaining fatty matters and meat-extract from animal substances	7859	31 Aug.
Shattky, H., and another, Hastings, N.Z. Starting machine	7476	8 March.
Shattky, H., Hastings, N.Z. Starting machine	7682	15 June.
Sheppard, J., Invercargill, N.Z. Safety cars and gearing for ferris-wheel	7484	8 March.
Sheppard, J., and another, Dunedin, N.Z. Tubular boiler	8101	27 Nov.
Sherer, F. G., Auckland, N.Z. Propellor for vessels	7754	19 July.
Shiels, A., Glasgow, Scotland. Milking-machines	7771	25 July.
Shields, W., Invercargill, N.Z. Flag-station and excess ticket	7673	25 May.
Shrewsbury, C. P., and others, London, Eng. Carbon for electrical purposes	7616	21 May.
Shrewsbury, C. P., and another, London, Eng. Electric battery	8091	27 Nov.
Shute, H., Ashfield, N.S.W. Venetian blind. (See C. Cederberg)	7396	30 Jan.
Silcock, O., Wanganui, N.Z. Night-commode	7588	7 May.
Simpson, W., Melbourne, Vic. Minimising danger of flooding in sub-aqueous works ..	7670	11 June.
Simpson, W. S., London, Eng. Cycle wheel and chain	8033	5 Nov.
Sinclair, J., Lyttelton, N.Z. Rig for sailing of vessels	8026	31 Oct.
Sincock, E. R., Caversham, N.Z. Candle-holder	7649	31 May.
Slinn, T. P., Wellington, N.Z. Composition for treating soles of boots and shoes	7923	26 Sept.
Small, J., Christchurch, N.Z. Spring for safety-valves	7553	22 April.
Small, H., Hartford, Connecticut, U.S.A. Driving-bit for horses	7861	31 Aug.
Smethurst, E., and another, Rangiora, N.Z. Crupper	7932	27 Sept.
Smethurst, E., Rangiora, N.Z. Preserving railway sleepers	7998	21 Oct.
Smith, B. A., Melbourne, Vic. Cooling and refrigerating apparatus	7617	21 May.
Smith, C., Wellington, N.Z. Oyster-opener	7973	14 Oct.
Smith, C. B., and another, Dunedin, N.Z. Calendar	8043	4 Nov.
Smith, G. T., and others, Birchip, Vic. Washing-machine	7724	4 July.
Smith, H. T., and another, Oamaru, N.Z. Movable phaeton body	7596	10 May.
Smith, J., Dunedin, N.Z. Wire-strainer	7594	9 May.
Smith, M., Christchurch, N.Z. Pulverising attachment to ploughs	8069	18 Nov.
Smith, S., Christchurch, N.Z. Pneumatic and ventilated boot	7945	2 Oct.
Smith, S., Christchurch, N.Z. Pneumatic sock or slip sole	8126	6 Dec.
Snowden, C., South St. Kilda, Vic. Apparatus usable as race-starting-machine, clothes-line, combined elevator and overhead conveyor, and self-closing gates	7398	30 Jan.
Soffe, S., Wellington, N.Z. Appliance for suspending pictures	7913	23 Sept.
Southland Farmers' Implement and Engineering Company, Limited, The, Invercargill, N.Z. Cultivator. (J. Macalister.)	8180	6 Dec.
Southland Farmers' Implement and Engineering Company (Limited), The, Invercargill, N.Z. Attachment to combined drills. (See J. Dunbar.)		
Speed, J. B., Wellington, N.Z. Paper hook and hanger	7635	27 May.
Speedy, J., Herbertville, N.Z. Harrow	8060	15 Nov.
Speight, J., Kirwee, N.Z. Speed gear for cycles	8155	23 Dec.
Sprey, E., St. Bathans, Otago, N.Z. Lining for soles of boots	7402	29 Jan.
Stack, G. R., Hawera, N.Z. Marking meat	7735	9 July.
Stanfield, E. R., and another, Christchurch, N.Z. Apparatus for securing hat to head	8109	2 Dec.
Stedman, S. R., and another, Dunedin, N.Z. Railway cycle	7773	25 July.
Stedman, S. R., and others, Dunedin, N.Z. Cushion for billiard tables	7780	27 July.
Stedman, S. R., Dunedin, N.Z. Gear-case for bicycles	7790	31 July.
Stephen, G., Fitzroy, Vic. Extension tables, &c.	7625	23 May.
Stevenson, T., and another, South Dunedin, N.Z. Refrigerating machine	7504	22 March
Stevenson, W., Dunedin, N.Z. Soldering-iron	7778	23 July.
Still, P., and another, Wellington, N.Z. Traversing and levelling head for theodolites. (W. G. Entwistle.)	7665	11 June.
Stockman, B. P., Westminster, London, Eng. Manufacture of steel and iron	7660	7 June.
Stone, J. J., and others, Sydney, N.S.W. Hermetically sealing vessel	8119	6 Dec.

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—continued.

Name, Residence, and Invention.	No.	Date.
Storrie, A., Christchurch, N.Z. Force-feed for seeding implements	8077	19 Nov.
Storrie, A., Invercargill, N.Z. Spring ridging-plough for drills	7613	15 May.
Storrie, A., Invercargill, N.Z. Cultivator	8002	24 Oct.
Strack, F. W., and another, Dunedin, N.Z. Foot-rot cure	7621	18 May.
Strang, D., Invercargill, N.Z. Preparing and blending cocoa with coffee, &c. ..	7732	8 July.
Streeter, D. O., Halswell, Canterbury, N.Z. Automatic steam valve for turbine cream-separators	7532	3 April.
Stronach, W. G., Mt. Pisa Station, Otago, N.Z. Rabbit destructor	7383	18 Jan.
Stuart, A., Sydney, N.S.W. Wood-working machinery	7870	4 Sept.
Stubbs, A., East Oxford, Canterbury, N.Z. Milk cooler and aerator	8097	28 Nov.
Studds, W. J., Melbourne, Vic. Obtaining gold from antimony or ores containing antimony ..	8121	6 Dec.
Styles, T. W., Wellington, N.Z. Auxiliary brake for railways	7849	28 August.
Suckling, N. J., Pretoria, South Africa. Stamp battery	7718	4 July.
Sullivan, F. J., Dunedin, N.Z. Crate for packing rabbits and hares	7653	5 June.
Suteliffe, T., London, Eng. (See Ryder and Company (Limited), No. 7439.) ..	7422	12 Feb.
Sutherland, A., Balclutha, Otago, N.Z. Wire-strainer	8160	20 Dec.
Suttie, A. C., Auckland, N.Z. Extracting gold and silver	7469	4 March.
Sutton, J. W., Brisbane, Queensland. Recovery of gold precipitated from chloride solution by sulphate of iron	7464	26 Feb.
Tait, A. L. J., Dunedin, N.Z. Kerosene lamp syphon	7764	18 July.
Tait, A. L. J., Dunedin, N.Z. Tea measure	7805	6 August.
Tait, A. L. J., Dunedin, N.Z. Covering for frying-pans	8028	29 Oct.
Tait, A. L. J., Dunedin, N.Z. Amalgamating gold	7779	31 July.
Tasker, J., and another, Wellington, N.Z. Knife-cleaner	8149	16 Dec.
Taylor, W., and another, Invercargill, N.Z. Apron for reapers-and-binders	7477	11 March.
Telfer, G., Maitaura, Otago, N.Z. Harnessing horses to buggies, &c. ..	7482	12 March.
Thomas, E., Wellington, N.Z. Launching boats	7703	26 June.
Thomas, E., Wellington, N.Z. Launching boats	8104	28 Nov.
Thomas, G. W., London, Eng. Matches, fusees, &c.	8027	2 Nov.
Thompson, H., Christchurch, N.Z. Match-box	7546	18 April.
Thoms, T., Summerhill, N.S.W. Presses for stamping or moulding metal sheets ..	7780	27 July.
Thomson, G., and others, Dunedin, N.Z. Cushion for billiard-tables	7609	15 May.
Thomson, H., Kew, Vic. Flushing water-closets	8041	6 Nov.
Thomson, H., Yarraville, Melbourne, Vic. Flushing water-closets, sewers, &c. ..	7707	27 June.
Thomson, I., Christchurch, N.Z. Cutting butter into pats	7888	10 Sept.
Thomson, P., Feilding, N.Z. Aerating and cooling milk	7859	31 August.
Thoresby, S. F. H., and others, Sydney, N.S.W. Obtaining fatty matters and meat-extract from animal substances	7637	23 May.
Tiller, W. J., Melbourne, Vic. Butter-box	7756	19 July.
Timewell, A. T., Chicago, U.S.A. Sack felling and sewing machine	7377	17 Jan.
Tindall, J., and another, Kaikora, Hawke's Bay, N.Z. Stomach worm mixture for sheep ..	8118	6 Dec.
Tod, A., and others, Melbourne, Vic. Tap for kerosene-tins	8056	12 Nov.
Todd, A., Christchurch, N.Z. Furniture castor	7733	8 July.
Tolley, R., Wellington, N.Z. Electrical device for detecting removals from hooks, nails, &c. ..	7501	21 March.
Tomline, R., and another, Christchurch, N.Z. Attaching coulters to ploughs. (W. Angus) ..	7508	27 March.
Toomey, J. M., and others, Young, N.S.W. Testing whether wool is wet or dry	7781	30 July.
Topliss, C., and others, Addington, Canterbury, N.Z. Governor for traction-engines ..	7781	30 July.
Topliss, H. J., and others, Addington, Canterbury, N.Z. Governor for traction-engines ..	7586	9 May.
Treacy, F. H., Brooklyn, U.S.A. (See The Self-threading Sewing Machine Company, No. 7970.) ..	8127	6 Dec.
Tremayne, T. J. B., Marino, S.A. Collar and hames and traces	7530	28 March.
Trengrove, W. H., Christchurch, N.Z. Chain adjustment and frames of bicycles	7734	12 July.
Treseder, W. V., Dunedin, N.Z. Axle-box and bearing	7620	18 May.
Trethewey, W. G., Vancouver, British Columbia. Can-labelling machines	7574	30 April.
Troup, A. A., Invercargill, N.Z. Gimlet-handle for brace bits	7836	28 August.
Troup, J., Christchurch, N.Z. Range boiler	7796	5 August.
Tuck, C. J., Wellington, N.Z. Apparatus for planting potatoes	7621	18 May.
Turner, G., Sydenham, Canterbury, N.Z. Aërial directory and trade advertiser	7663	11 June.
Turner, J., and another, Christchurch, N.Z. Foot-rot cure	7664	11 June.
Tyree, W., Wellington, N.Z. Vermin trap	7688	19 June.
Tyree, W., Wellington, N.Z. Apparatus for heaving lines	7789	11 July.
Tyree, W., Christchurch, N.Z. Apparatus for teaching writing	7742	12 July.
Tyree, W., Christchurch, N.Z. Launching ships' boats	7803	10 August.
Tyree, W., Wellington, N.Z. Boiling-point indicator for kettles	7804	10 August.
Tyree, W., Wellington, N.Z. Egg-tester	7951	4 Oct.
Tyree, W., Wellington, N.Z. Rat-trap	7952	4 Oct.
Tyree, W., Wellington, N.Z. Facilitating copying maps and drawings by hand	7954	5 Oct.
Tyree, W., Wellington, N.Z. Setting fire to grass	7873	31 August.
Unsold, F., Munich, Bavaria. (See J. Fishburn, No. 7378.)	7908	19 Sept.
Urquhart, R. W., and another, Dunedin, N.Z. Bicycle steering	7512	27 March.
Usher, C. E. D., Malvern, Vic. Driving-gear for bicycles	7699	24 June.
Vale, S. W., and others, Annandale, N.S.W. Concentrating-machine for discrete metalliferous material	7760	19 July.
Valentine, J., Wellington, N.Z. Cover for washing coppers	7761	19 July.
Van Buskirk, S., Wellington, N.Z. Harness	8006	26 Oct.
Van Buskirk, S., and another, Wellington, N.Z. Appliance for opening mouths of animals ..	8037	5 Nov.
Van Buskirk, S., Detroit, U.S.A. Harness	7494	20 March.
Van Ruymbeke, J., and another, New York, U.S.A. Glycerine	7371	10 Jan.
Varley, J. J., London, Eng. Stoppering bottles for aerated liquids	7373	11 Jan.
Vinson, T. G., Auckland, N.Z. Paper-clip	8039	6 Nov.
Vinson, T. G., Auckland, N.Z. Spoon or fork holder	7965	10 Oct.
Von Sturmer, S. N., and others, Wellington, N.Z. Letter-pillar boxes and bags	7837	24 August.
Waddell, W. A., Wellington, N.Z. Joint for rusticated weather-boarding	7385	21 Jan.
Wakely, W., Cheltenham, N.Z. Window-sash lock	7385	21 Jan.
Wakeman, E. A., and another, Wellington, N.Z. Apparatus for beating eggs	7485	11 March.
Wakeman, H., and another, Wellington, N.Z. Apparatus for beating eggs	7833	19 August.
Walkden, C., Christchurch, N.Z. Sweeping, lifting, and discharging mud off roads into a cart ..		
Walker, J. A., Auckland, N.Z. Toggle-bar for rafting logs		

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1895—*continued*.

Name, Residence, and Invention.	No.	Date.
Walker, J. A., Kuaotunu, Auckland, N.Z. Extraction of gold or silver from ores or tailings ..	7897	16 Sept.
Walker, J. H., Christchurch, N.Z. Automatic boiler-feeder ..	7507	23 March.
Walker, R., Dunedin, N.Z. Milk-can ..	7701	21 June.
Wallace, G. J., and another, Carterton, N.Z. Flexible steel-tined harrow ..	7644	5 June.
Wallace, J. A., Melbourne, Vic. Safety explosive. (The Acme Explosive Proprietary Company, Limited. McArdell, J. O.) ..	7685	19 June.
Wallace, J. A., and another, Melbourne, Vic. Lighting and extinguishing street gas-lamps ..	7889	9 Sept.
Wallace, J. A., and another, Richmond, Vic. Illuminant for use with gas, kerosene, and candles ..	8074	20 Nov.
Wallace, R., and another, Sydney, N.S.W. Closet-pan, closet-seat, and slop-pail. (A. Gross) ..	7996	22 Oct.
Walters, A. A., Footscray, Vic. Preparing auriferous metal for treatment for gold extraction ..	7495	20 March.
Walters, A. A., Footscray, Vic. Apparatus for concentrating or separating finely-divided auriferous materials ..	7497	20 March.
Walton, S., and others, Melbourne, Vic. Liquid-fuel burner ..	7676	11 June.
Walworth, E. B., Tai Tapu, Canterbury, N.Z. Governor valve ..	7818	15 August.
Warner, W. J., and another, South Shields, Durham, Eng. Wet gas-meter ..	7491	20 March.
Warnock, J., Nelson, N.Z. Furnace ..	7999	23 Oct.
Watchorn, J. S., and another, Palmerston North, N.Z. Cultivator ..	7820	16 August.
Waters, E., Melbourne, Vic. Fuel composition. (E. Feuchtwanger, F. J. Koopmann) ..	7692	20 June.
Waters, E., Melbourne, Vic. Preserving meat by electricity. (A. B. Pinto) ..	7759	19 July.
Waters, E., Melbourne, Vic. Gate. (E. H. R. Evans) ..	7851	26 August.
Watson, C. W., and others, Camberwell, Eng. Box ..	7786	2 August.
Watson, G., and another, Invercargill, N.Z. Gorse-clipper ..	7840	19 August.
Watson, G., and another, Dunedin, N.Z. Casting and slaughtering machine ..	7994	15 Oct.
Watson, J., and another, South Hamilton, Vic. Spring traps for rabbits and vermin ..	7593	11 May.
Watson, W., South Riverton, N.Z. Log-shoe or sledge ..	7400	30 Jan.
Watson, W., Dunedin, N.Z. Gold amalgamator ..	7797	6 Aug.
Webster, R. F., Pukekohe, N.Z. Horse-cover ..	8170	24 Dec.
Weil, A., and another, Steinheim, Westphalia, Germany. Apparatus for moulding tiles ..	7690	20 June.
Welch, C. K., Coventry, Eng. Velocipede wheel ..	7863	5 Jan.
Wells, W., Germiston, Johannesburg, South Africa. (See W. E. Hughes, No. 8165.) ..		
Westbrooke, B. J., Springburn, Canterbury, N.Z. Water filter ..	7847	24 Aug.
Weygang, C., Romsey, Hants, Eng. Manufacture of saponaceous products from petroleum ..	7478	12 March.
Weygang, C., Romsey, Hants, Eng. Obtaining artificial fuel from petroleum ..	7479	12 March.
Wheelband, W., Christchurch, N.Z. Cleansing trees from parasites ..	7980	16 Oct.
Wheeler, C. L., Sydenham, Canterbury, N.Z. Packing grass-seed in sacks ..	7442	22 Feb.
White, T., and others, Melbourne, Vic. Concentrating ores ..	7587	9 May.
White, W., and another, Brunswick, Vic. Lighting and extinguishing street gas-lamps ..	7889	9 Sept.
Whitehead, E., and another, Palmerston N., N.Z. Automatic brake ..	7598	13 May.
Whitehead, E. A., and another, Broken Hill, N.S.W. Apparatus for actuating machine sheep-shears, &c. ..	7358	4 Jan.
Whitney, A. N., Melbourne, Vic. Inanimate object for sportsmen ..	7541	5 April.
Widdowson, W. T., and another, Invercargill, N.Z. Lever and body-rest for two-wheeled vehicles ..	7450	21 Feb.
Wildbore, C. E., Pohangina, Manawatu, N.Z. Folding dish-cover ..	7624	23 May.
Wildbore, F. L., Feilding, N.Z. Bottle ..	7808	13 August.
Wilde, De. (See under D.) ..		
Willey, E. M., and another, Dunedin, N.Z. Calendar ..	8043	4 Nov.
Williams, D., Reefton, N.Z. Tumbler for dredging-machines ..	7694	21 June.
Williams, H. W., Wellington, N.Z. Metal and glassware polish ..	7835	23 August.
Williams, R. B., Invercargill, N.Z. Washing-machine ..	7421	11 Feb.
Williamson, H., and others, Dunedin, N.Z. Cushion for billiard-tables ..	7780	27 July.
Willson, T. L., New York, U.S.A. Production and consumption of hydro-carbon gas ..	7490	20 March.
Wilson, Salamon, and Company, Limited, London. Saccharine. (C. Fahlberg) ..	8142	14 Dec.
Wiseman, Jas., and another, Auckland, N.Z. Horse-cover ..	7471	1 March.
Wiseman, Jas., and another, Auckland, N.Z. Horse-cover ..	7827	14 August.
Wiseman, Jno., and another, Auckland, N.Z. Horse-cover ..	7471	1 March.
Wiseman, Jno., and another, Auckland, N.Z. Horse-cover ..	7827	14 August.
Wolinski, B., Sydney, N.S.W. Electric lighter ..	7879	9 Sept.
Wollaston, C. J., London, Eng. Electric battery ..	7509	27 March.
Wood, H., and another, Addington, Christchurch, N.Z. Automatic stoking, smoke-consuming, and fuel-economising apparatus attached to steam-boilers ..	7681	13 June.
Wood International Cigarette Company, The, Richmond, Virginia, U.S.A. Cigarette-machines. (J. N. Wood) ..	7560	24 April.
Wood, J. N., Richmond, Virginia, U.S.A. (See The Wood International Cigarette Company, No. 7560.) ..		
Woodhouse, A. E., Mokoepa, Hawke's Bay, N.Z. Gauge for electrical wires, &c. ..	7846	24 August.
Woodhouse, A. E., Mokoepa, N.Z. Lamp-wick ..	8052	8 Nov.
Woolf, A. E., New York, U.S.A. (See M. Frewen, No. 7474.) ..		
Wootton, S., Junr., Dunedin, N.Z. Dough-cutting apparatus ..	7791	1 August.
Wratten, Galbraith, and another, Martinborough, N.Z. Fencing-post and standard ..	7918	25 Sept.
Wratten, George, and another, Martinborough, N.Z. Fencing-post and standard ..	7918	25 Sept.
Wriedt, H., Melbourne, Vic. Rafter-crimp for suspension of block and tackle ..	7896	18 Sept.
Wright, F., London, Eng. Coin-freed gas-meter apparatus ..	8071	20 Nov.
Wright, J. P. Connecticut, U.S.A. (See The Diamond Match Company, No. 7696.) ..		
Wright, J. P., and others, Sydney, N.S.W. Hermetically sealing vessels, and manner of removing covers ..	8119	6 Dec.
Wright, S. H., Monmouth, Hereford, Eng. Exhausting apparatus ..	7722	4 July.
Wyld, H. J., Palmerston North, N.Z. Plummet crane and chain marker ..	7435	21 Feb.
Wylds, A. H., and others, Palmerston North, N.Z. Window-sash lock ..	7837	24 August.
Yarnold, C. J., Brixton, London, Eng. Manufacture of ozone, and application to treatment of ores ..	7894	14 Sept.
Yates, J., Glasgow, Scotland. (See The Cassel Gold-extracting Company, Limited, No. 7691.) ..		
Young, M., and another, Frankston, Vic. Clothes-peg ..	8055	13 Nov.
Young, P. O. K., Timaru, N.Z. Showing proportions of gluten and starch in flour ..	8169	24 Dec.
Zwicker, T. B. G., and others, Melbourne, Vic. Tap for kerosene-tins ..	8118	6 Dec.

K.—ALPHABETICAL LIST OF TITLES OF INVENTIONS, FOR WHICH LETTERS PATENT HAVE BEEN APPLIED, DURING THE YEAR 1895.

Invention and Name of Inventor.	No.	Date.
Accompanist for piano or organ. A. H. Hathaway	7552	10 April.
Acid. (See Sulphuric Acid)		
Advertiser, Automatic. J. B. Leatherbarrow	7572	30 April.
Advertising booklet or postal-envelope. J. Bear	7359	4 Jan.
Advertising medium. D. R. S. Galbraith	7747	17 July.
Advertising postal-carrier or envelope. B. Moss	7397	30 Jan.
Advertising table-plate. H. W. Atkinson	7838	24 Aug.
Advertising wall-splasher. W. M. Jameson	7636	28 May.
Advertising with postage stamps and train tickets, Method of. G. W. Lavender	7966	11 Oct.
Advertising. (See also Directory.)		
Aërated liquids, Apparatus for drawing-off. T. Ferguson	7886	10 Sept.
Aërated liquids, Bottle-stopper for. J. J. Varley	7494	20 March.
Aërated waters, Method of making and bottling. F. Graham	7430	18 Feb.
Aërated water-vessels. F. Pratt	7393	25 Jan.
Aërating beer, Apparatus for. P. Puvrez	7550	20 Aug.
Aërator. (See Milk aërator.)		
Agitator. (See Cyanide agitator.)		
Air, Apparatus for cooling. A. S. Haslam	7687	17 June.
Air sand-blast. E. Jones	7865	4 Sept.
Air-compressors. E. Chaquette	8048	9 Nov.
Alarm. (See Burglar alarm.)		
Alloying plant. (See Gold, Precious metals.)		
Amalgamating gold, Apparatus for. A. L. J. Tait	8028	29 Oct.
Amalgamating pans. A. E. Langley and A. A. Lockwood	7975	10 Oct.
Amalgamating pan. A. E. Langley and A. A. Lockwood	7976	10 Oct.
Amalgamating plate. D. R. S. Galbraith	7646	5 June.
Amalgamation of gold, Process for. C. T. J. and E. L. Oppermann, and E. Fischer	8090	27 Nov.
Amalgamator for saving gold. G. H. Robinson	8087	21 Nov.
Amalgamator. Midas Gold-saving Machinery Co.	7967	12 Oct.
Amalgamator. (See also Concentrator, Gold, Metals.)		
Amalgamator and concentrator for free gold. T. W. Jeans	7974	14 Oct.
Amalgamator and concentrator for precious metals. J. Robinson	7971	12 Oct.
Anchor. A. Mohovich	7362	3 Jan.
Angles and bevels, Instrument for setting out. C. V. Jenkins	7848	27 Aug.
Animals, Apparatus for opening mouths of. C. Martin and S. Buskirk	7761	19 July.
Animal substances, Process of obtaining fatty matters and meat extract from. W. B. Sharpe, B. Clarke, and S. F. H. Thoresby	7859	31 Aug.
Animal traps. A. Aitken	8009	24 Aug.
Antimonial gold ores. (See Gold.)		
Antimony, Obtaining gold from. W. J. Studds	8121	6 Dec.
Antimony ores, Treatment of. J. J. Christmas	7584	9 May.
Anti-tile drain apparatus. A. Cameron	7769	20 July.
Anti-vibrator for railways. H. Ashworth	7895	17 Sept.
Apron for reapers and binders. J. Lyons and W. Taylor	8149	16 Dec.
Artificial foot. K. Graf	7472	2 March.
Artificial fuel. G. S. and C. Cory	7700	24 June.
Artificial manure. S. Bright	7645	5 June.
Attemperator beer-cask. C. Edmonds	7384	21 Jan.
Auriferous metal, Process of preparing for treatment. A. A. Walters	7495	20 March.
Axle-boxes and bearings. W. V. Treseder	7530	28 March.
Bagger, Chaff. J. Gray	7919	13 Sept.
Bags. (See Letter-bags.)		
Barge, Mail and Treasure. W. Akersten	7788	2 Aug.
Basin. (See Tip-basin and frame.)		
Bath, Shower. B. Hindle	7517	27 March.
Baths, Portable galvanised-iron. F. A. Cook	7456	26 Feb.
Bats. (See Cricket-bats.)		
Batteries. (See Electric batteries, Galvanic batteries, Quartz-crushing batteries, Stamp batteries.)		
Bearings. W. V. Treseder	7530	28 March.
Bearing. (See also Plough-wheel bearing)		
Bed-rest. E. Duckworth	7787	1 Aug.
Bedstead, Folding. H. W. Potter	7891	13 Sept.
Beers, Apparatus for Pasteurising, sterilizing, and cooling. P. Puvrez	7550	20 April.
Beer-cask. (See Attemperator Beer-cask.)		
Beer, Machines for bottling. T. Sutcliffe	7439	21 Feb.
Bell-buoys. J. A. Fairbanks	7934	28 Sept.
Bellows, Double-action. E. E. Collins	8017	25 Oct.
Besom for sweeping purposes, and appliances for making same. A. Philpott	7982	12 Oct.
Bevels, Instrument for setting out. C. V. Jenkins	7848	27 Aug.
Beverage. C. E. Parrington	7949	4 Oct.
Bicycles, Brake for. H. M. and J. Copeland	8114	5 Dec.
Bicycles, Chain adjustment and frames of. W. Trengrove	8127	6 Dec.
Bicycles, Crank motion for. W. Grainger	8012	25 Oct.
Bicycles, Driving-gear for. C. E. Usher	7908	19 Sept.
Bicycles, Driving-gear for. E. Seagar	7826	20 Aug.
Bicycles, Driving-gear for. W. J. Barlow	8078	19 Nov.
Bicycles, Driving-mechanism for. J. McKeegan	7953	3 Oct.
Bicycles, Gear-case for. S. R. Stedman	7790	31 July.
Bicycle-gearing. E. Bowmar	7409	7 Feb.
Bicycles, Pedal action for. H. M. and J. Copeland	8113	5 Dec.
Bicycles, Saddle for. H. M. and J. Copeland	8133	10 Dec.
Bicycle-saddle, Pneumatic. C. C. Lambert	8032	5 Nov.
Bicycles, Speed-gears for. D. C. McBeath	8019	30 Oct.
Bicycle-steering, Apparatus for. R. W. Urquhart and G. McCarter	7873	31 Aug.
Bicycle-wheel. W. E. Richardson	7841	19 Aug.
Bicycles. (See also Cycles, Velocipedes.)		

ALPHABETICAL LIST OF TITLES OF INVENTIONS.—*continued.*

Invention and Name of Inventor.	No.	Date.
Billiard-tables. A. C. Ives	7561	24 April.
Billiard-tables, Cushion for. G. Thomson, H. Williamson, S. R. Stedman, and D. Rose	7780	27 July.
Billiard-tables, Tubular air-cushion for. C. W. Constable	7463	25 Feb.
Binder. (See Harvester and binder, Reaper and binder.)		
Bird-proof eaves spout. O. Deacon	7816	12 Aug.
Bit. H. Small	7861	31 Aug.
Blast. (See Air sand-blast.)		
Blendes, Separating metals from. M. A. J. Roux	7458	28 Feb.
Blight-destroyer. A. Hormann	8058	12 Nov.
Blind-clip for fastening to rollers. D. J. Caldwell	8132	10 Dec.
Blind-clip for Venetian blinds. S. P. Clements	7528	2 April.
Blind-roller fittings. W. Gee	7845	23 Aug.
Blinds, Venetian. H. Shute	7396	30 Jan.
Blinds. (See also Roller-blinds.)		
Blood, usable as food for cattle. F. V. Friderichsen	8141	14 Dec.
Blotting-roller combined with ruler. H. O. Brown	7695	21 June.
Boats, Apparatus for launching. E. Thomas	7703	26 June.
Boats, Apparatus for launching. H. S. E. Hobday	7749	15 July.
Boats, Method of carrying, launching, and lowering. W. Akersten	7789	2 Aug.
Boats. (See also Chocks, Davits, Launching, Life-boat, Ships, Torpedo-boat.)		
Boiler-feeder, Automatic. J. H. Walker	7507	23 March.
Boiler furnaces, Method of and apparatus for supplying hot air and steam to. J. Alves	7415	8 Feb.
Boilers, Stoking, smoke-consuming and fuel-economizing attachment to. G. Claydon and H. Wood	7681	13 June.
Boilers, Steam tubular. L. G. Roope and J. Sheppard	8101	27 Nov.
Boilers. (See also Electrical Boilers, Fire-bars, Furnaces, Range-boilers, Steam-boilers.)		
Boiling-point indicator. W. Tyree	7803	10 Aug.
Bolt. S. Jackson	7571	30 April.
Booklet. (See Advertising.)		
Boots, Arrangement for drying or warming. W. H. Hazard	7767	24 July.
Boot-lacing, Method of. D. D. McKenzie	7914	23 Sept.
Boots, Lining for soles of. E. Sprey	7402	29 Jan.
Boots, Pneumatic and ventilated. S. Smith	7945	2 Oct.
Boots. (See also Lace-boots, Ventilating boot, Toe-guard.)		
Boots and shoes. C. D. O'Hara	7419	11 Feb.
Boots and shoes. D. W. Fessey	7536	1 April.
Boots and shoes. A. T. W. Cobham	8034	5 Nov.
Boots and shoes, Composition for treating soles of. T. P. Slinn	7923	26 Sept.
Boots and shoes, Damp-proof. G. W. Davies	7388	22 Jan.
Boot- and shoe-fastening. J. W. Jones	7595	10 May.
Boots and shoes, Process for manufacturing. J. Crichton	8088	22 Nov.
Boots and shoes, Soles and heels of. W. Frost	7631	25 May.
Boot-uppers. J. E. Potter	7372	15 Jan.
Bottle. F. L. Wildbore	7808	13 Aug.
Bottle-crate. A. Devlin and G. M. Barnett	7443	19 Feb.
Bottles, Device for uncorking and destroying labels of. H. H. Oxley	8013	24 Oct.
Bottle-stopper. J. J. Varley	7494	20 March.
Bottle-washer. E. J. Green	7935	30 Sept.
Bottling-machine. T. Sutcliffe	7439	21 Feb.
Bottling-machine, Vacuum. J. T. Kofoed	7406	14 Jan.
Boxes for preserving merchandise. G. Fullerton and M. M. Henderson	7786	2 Aug.
Box for storing and weighing coal, &c. F. Brady	7698	24 June.
Boxes, Fastening device for. C. H. Reed	8115	6 Dec.
Boxes. (See also Axle-boxes, Butter-box, Letter-box, Match-box, Tobacco-box.)		
Brace-bits, Gimlet handle for. A. A. Troup	7620	18 May.
Brake, Auxiliary. F. W. Styles	7849	28 Aug.
Brake for bicycles. H. M. and J. Copeland	8114	5 Dec.
Brakes for road-vehicles. M. Belk	7526	1 April.
Brake for vehicles. C. E. Lemmington and E. Whitehead	7598	13 May.
Brake for vehicles. W. Reeves	8007	26 Oct.
Brake for velocipedes. J. M. Muir and A. J. W. Munden	7743	11 July.
Branding machine. H. W. Potter	7558	22 April.
Bricks, tiles, &c., Method of manufacturing. T. Buxton	7957	2 Oct.
Broiling. (See Meat-broiling.)		
Buckets for gold-dredging and cradling. R. Cockerell	7993	21 Oct.
Bucket and strainer. W. Hitch	7399	30 Jan.
Bucket. (See also Dairy bucket.)		
Buggy, Hinge for back seat of. W. H. Mathieson	7387	21 Jan.
Buggy lamps. F. Giles	7436	21 Feb.
Buoys. (See Bell-buoys.)		
Burglar alarm. M. McDermott	7938	26 Sept.
Burner. (See Fuel-burner, Gas-burner.)		
Butter, Apparatus for cutting into pats. J. Thomson	7707	27 June.
Butter-box. W. J. Tiller	7637	23 May.
Butter-box. E. R. Gamlin and J. Meckiff	8004	26 Oct.
Butter-boxes, and method of stacking same. J. D. Dallas	7912	21 Sept.
Butter, Frozen, Machine for cutting. G. S. Jakins	7828	19 Aug.
Butter, Method of, and means for packing. W. J. Birch	7382	19 Jan.
Butter-printing machine. J. Colquhoun	7704	21 June.
Butter-receptacle. R. Beck	7792	2 Aug.
Butter, Spiced. S. Armstrong	7812	8 Aug.
Calculations, Method of assisting and proving. J. W. McHale	7997	23 Oct.
Calendar, Perpetual or yearly. C. B. Smith and E. M. Wildey	8043	4 Nov.
Cans and canisters. S. Brown	7727	4 July.
Cans, drums, &c., Method of making. J. Banbury	7600	13 May.
Cans. (See also Milk-cans, Oil-cans.)		
Can-labelling machine. W. G. Trethewey	7734	12 July.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Can-labelling machine. E. W. Cornell and F. H. Knapp	8108	29 Nov.
Cans, Metal, Construction of, and method of opening. H. Pateson	8166	30 Dec.
Candle-extinguisher. W. and C. Hook	7391	25 Jan.
Candle-extinguisher. A. E. Brown	7762	16 July.
Candle-extinguisher, Automatic. G. M. Robb	7424	13 Feb.
Candle-extinguisher, Automatic. G. H. Linley	7643	30 May.
Candlestick, Automatic extinguishing. B. L. Latham	7662	7 June.
Candle-holder. E. R. Sinecock	7649	31 May.
Candle- and lamp-holder. T. W. Hickson	7515	29 March.
Candles. (See also Illuminant.)		
Canister for sowing artificial manures. T. E. Sapwell	7499	15 March.
Canister. (See Cans.)		
Canvas conveyor for reapers, binders, &c. J. O'Neill	7416	9 Feb.
Carbon for electrical purposes. C. P. Shrewsbury, J. L. Dobell, and J. Cooper	7616	21 May.
Carriage without axle trees, or springs. G. Frost	7678	10 June.
Carriage without axle trees, or springs. G. Frost and G. R. Lloyd	8129	6 Dec.
Cars, Electric. A. H. Brintnell	8162	23 Dec.
Cars propelled by gas motor-engines. H. P. Holt	7721	4 July.
Cash, Apparatus for transporting. R. Reid	7933	28 Sept.
Cask. (See Attemperator beer-cask.)		
Casting and slaughtering machine. G. Watson and J. Lothian	7994	15 Oct.
Castor. A. E. McGregor	7452	26 Feb.
Castors. (See also Furniture.)		
Cattle, Ear-mark for. A. L. Macdonald	7542	10 April.
Cattle, Dry food for. J. Leigh	7931	28 Sept.
Centrifugal separation of ores, Process for. O. B. Peck	7867	4 Sept.
Centrifugal separators for ores. O. B. Peck	7868	4 Sept.
Centrifugal separators for ores. O. B. Peck	7869	4 Sept.
Chaff-discharge for threshing-machines. J. Gray	7903	16 Sept.
Chaff, Presser-screw for bagging. J. Gray	7919	13 Sept.
Chain-marker and plummet-crane. H. J. Wylde	7435	21 Feb.
Chains of cycles and wheels therefor. W. S. Simpson	8033	5 Nov.
Cheeses, Method of making, and apparatus therefor. J. T. Lang	8150	17 Dec.
Cheese-packing case. H. Gray and N. McKeever	7455	25 Feb.
Cheese-presses. D. H. and E. J. Burrell	7364	5 Jan.
Cheese-presses. D. H. and E. J. Burrell	7525	1 April.
Chimney-pots and ventilators. J. Gell	7745	16 July.
Chocks for releasing ships' boats. G. Holford	7672	5 June.
Chopper. (See Potato-chopper.)		
Churns. J. Davies	7679	11 June.
Churns, Means for ventilating. C. E. Patterson	7669	11 June.
Churns. (See also Screw-churn.)		
Churning cream, Apparatus for. J. M. Jones	7683	13 June.
Cigar-machines. Compagnie Générale pour l'Exploitation des Machines à fabriquer les Cigares	7986	18 Oct.
Cigar mouthpieces. H. Dixon	7686	19 June.
Cigarette-machines. The Wood International Cigarette Company	7560	24 April.
Cigarette-machines. The American Tobacco Company of New Zealand (Limited)	7829	21 Aug.
Cigarette-machines. B. Baron	7901	17 Sept.
Cigarette-machines. The American Tobacco Company of New Zealand (Limited)	7916	24 Sept.
Cigarette-machines. The American Tobacco Company of New Zealand (Limited)	7940	2 Oct.
Cigarette-machines. E. T. Pollard	8051	9 Nov.
Cigarette mouthpieces. J. S. Beeman	7537	8 April.
Cigarette mouthpieces. The American Tobacco Company of New Zealand (Limited)	7823	16 Aug.
Cigarette mouthpieces. H. Dixon	7686	19 June.
Cleaner. (See Knife-cleaner.)		
Clip-harrows. G. Allen	7815	16 Aug.
Clip for Venetian blinds. S. P. Clements	7528	2 April.
Clip. (See Blind-clip, Letter-clip, Paper-clip.)		
Clipper. (See Gorse-clipper.)		
Chipping-machine, hair and wool. J. W. Newall	7493	20 March.
Clipping-machine, hair and wool. G. Bowmar and H. W. C. Cox	8073	20 Nov.
Closet-appliance. (See Sanitary Closet-appliance.)		
Closets, flushing. H. Thomson	7609	15 May.
Closets, flushing. H. Thomson	8041	6 Nov.
Closet-pans, closet-seats, and slop-pails. R. Wallace and G. Preddey	7996	22 Oct.
Clothes, Detergent for washing. E. V. Luttrell and E. H. Featon	7905	20 Sept.
Clothes-dryer. J. Beardmore	7522	1 April.
Clothes-horse, Folding. J. Innes	7418	9 Feb.
Clothes-line. C. Snowden	7398	30 Jan.
Clothes-line receptacle and strainer. H. Ham	8159	24 Dec.
Clothes-peg. T. H. Prosser and M. Young	8055	13 Nov.
Clothes. (See Washing.)		
Coal, Box for storing and weighing. F. Brady	7698	24 June.
Cocoa, Method of preparing and blending with coffee. D. Strang	7732	8 July.
Coin-freed gas-meter apparatus. F. Wright	8071	20 Nov.
Coin-sorting apparatus. H. H. Hanmer	7668	11 June.
Collapsible life-boat. R. S. Dixon	7389	24 Jan.
Collar and hames, and traces. T. J. B. Tremayne	7586	9 May.
Collars. (See also Horse-collars.)		
Colours. (See Distemper colours.)		
Combustion-chamber for guns. J. C. Husband	7602	14 May.
Commode. O. Silcock	7588	7 May.
Compressed-air, Method of raising water by. G. Lansell	7426	14 Feb.
Compressed-air, Method of raising water by. G. Lansell	7684	17 June.
Compressor. (See Air-compressor.)		
Concentrator. A. A. Walters	7497	20 March.
Concentrator for discrete metalliferous material. E. W. Griffiths, H. E. Moore, and S. W. Vale	7512	27 March.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued*.

Invention and Name of Inventor.	No.	Date.
Concentrator, Gold. A. G. Robinson	8061	16 Nov.
Concentrator. T. White, C. G. Lyon, and W. R. Beeston	7587	9 May.
Concentrator. J. C. Fell	7608	15 May.
Concentrator. W. J. Hammond and J. Gordon	7720	4 July.
Concentrator and amalgamator. J. Robinson	7971	12 Oct.
Concentrator and amalgamator. T. W. Jeans	7974	14 Oct.
Concentrator. (See also Amalgamator, Gold, Ores, Metals.)		
Conductors. (See Electrical Conductors.)		
Conveyors for Reapers, &c. J. O'Neill	7416	9 Feb.
Cooking-ranges. R. Brinsley and A. G. Christopher	7740	11 July.
Cooking stoves. A. Selby	7783	1 Aug.
Cooking. (See Electrical hot-plates, Food, Meat.)		
Cooler. (See Milk aerator and cooler.)		
Cooling air, Apparatus for. J. McGregor	7535	1 April.
Cooling air and gases, Apparatus for. A. S. Haslam	7687	17 June.
Cooling and refrigerating apparatus. B. A. Smith	7617	21 May.
Cool safes and cool storage. J. G. Lamb	7591	11 May.
Cool safes and cool storage. J. G. Lamb	8122	6 Dec.
Cooling. (See also Preserving, Refrigerating, Freezing.)		
Copying drawings, maps, &c. W. Tyree	7952	4 Oct.
Cork-extractors. R. B. Gilchrist	7569	30 April.
Corks, Machine for securing and drawing. P. Boyd	8128	6 Dec.
Corrugated sheet-glass, Apparatus for producing. W. L. Pilkington	7822	16 Aug.
Coulters, Means of attaching, to ploughs. R. Tomline and H. A. Atkinson	7501	21 March.
Counting-machine. J. Greenslade	7802	8 Aug.
Coursing matches, Apparatus for liberating dogs at. J. Rose	7834	19 Aug.
Cover. (See Horse-cover.)		
Cradling. (See Buckets.)		
Cramp. (See Lever-cramp.)		
Crank-motion for bicycles. M. Grainger	8012	25 Oct.
Crate for packing rabbits and hares. F. J. Sullivan	7653	5 June.
Crate. (See also Bottle-crate.)		
Cream-separators, Valve for. D. C. Streeter	7532	3 April.
Cricket-bats, Handles of. E. Sefton	8095	28 Nov.
Cross-ploughing, Attachment to rollers to substitute. P. and D. Duncan (Limited)	7365	5 Jan.
Cruppers for horses. H. Cave and E. Smethurst	7932	27 Sept.
Crushing- and grinding-mills. W. H. Coward	8157	19 Dec.
Crushing ore, rock, &c., Machine for. W. E. Hughes	8165	30 Dec.
Crushing. (See also Quartz-crushing.)		
Cultivator and potato-raiser. C. Ewen	7775	25 July.
Cultivator. J. S. Watchorn and G. Shailer	7820	16 Aug.
Cultivators. A. Storrie	8002	24 Oct.
Cultivator for use on ground while same is being ploughed. D. D. McKenzie	7968	14 Oct.
Cultivators, Spring-tines for. J. C. McBeath	7902	17 Sept.
Cultivator, Tine or tooth for. C. McLeod	7361	4 Jan.
Cultivators, Spring-tine, twitch-knife attachment to. P. and D. Duncan (Limited)	7955	3 Oct.
Cultivators. (See also Tine, Spring-tine.)		
Cups. (See Teat-cups.)		
Cure for foot-rot. F. W. Strack and J. Turner	7621	18 May.
Cure or preventive for foot-rot. W. A. Graham	7539	6 April.
Cure of headache, toothache, neuralgia, catarrh, Inhaler for. J. R. and A. Hare	8082	22 Nov.
Cure of rheumatism, neuralgia, &c., Medicine for. M. G. Harrison	8044	4 Nov.
Cure of rheumatism, neuralgia, &c., Specific for. W. E. Humphreys and J. Hart	8068	15 Nov.
Cure. (See also Medicine, Foot-rot cure.)		
Curtains, window, Apparatus for hanging. W. Tyree	7688	19 June.
Cushion for billiard-tables. G. Thomson, H. Williamson, S. R. Stedman, and D. Rose	7780	27 July.
Cushion for billiard-tables. C. W. Constable	7463	25 Feb.
Cutter. (See Pea-cutter, Poison pollard-cutter.)		
Cutting lining of cases. C. A. Seager	7531	1 April.
Cyanides and ferro-cyanides, Method of and apparatus for obtaining. J. B. Readman	7592	11 May.
Cyanide oxidizer and agitator. F. Moore and C. P. Hoiland	7817	14 Aug.
Cyanide, potassic, Apparatus for making. W. M. Mackey	7360	4 Jan.
Cycle. C. C. Lambert	7658	10 June.
Cycles, Chains of and gear-wheels therefor. W. S. Simpson	8033	5 Nov.
Cycles, Double-speed gearing for. J. Speight	8155	23 Dec.
Cycles, Driving-gear for. L. N. Dyhrberg	8079	20 Nov.
Cycles, Driving-gear for. T. Grace	8164	30 Dec.
Cycles, Gearing of. J. A. Belk	7627	23 May.
Cycles, Handle-bar for. H. W. B. Bassett	8120	6 Dec.
Cycles, Mud-guard for. G. B. H. Austin	7413	8 Feb.
Cycle, Railway. S. S. Stedman	7773	25 July.
Cycles, Wind-guard for. F. Cooper	7376	16 Jan.
Cycles. (See also Bicycles, Pedal-action, Velocipedes, Monocycle racing-machine.)		
Dairy-bucket. T. Garland	7579	7 May.
Dairy factories, Ventilated ceilings for. H. L. Mainland	7403	29 Jan.
Damp-proof boots and shoes. G. W. Davies	7388	22 Jan.
Davits for ships' boats. (See Launching boats.)		
Dental-plates, metal, Method of manufacturing. S. Myers	7981	14 Oct.
Desk. M. W. Ferguson	7585	9 May.
Detergent for washing clothes. E. H. Featon and E. V. Luttrell	7905	20 Sept.
Diagonal sails. C. Reynolds	8139	9 Dec.
Dies, Spouting. H. G. Bedell, jun., and L. Bedell	7431	18 Feb.
Dies, Spouting. H. G. Bedell, jun., and L. Bedell	8065	18 Nov.
Differential gear lock for traction-engines. J. Macalister	7449	21 Feb.
Dipping sheep, Apparatus for. A. McRae	7538	8 April.
Directory, Aerial, and trade advertiser. G. Turner	7796	5 Aug.
Disc-implement usable as scarifier or pea-cutter. J. Cockerell and R. H. Harper	7987	18 Oct.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Dish-cover, Folding. C. E. Wildbore	7624	23 May.
Disinfecting fluid. M. Frewen	7474	8 March.
Disinfection of refuse, Apparatus for. F. S. Salberg	7467	4 March.
Disintegrating materials, Process for. F. D. Cummer	7466	4 March.
Distemper colours, Means of fixing and rendering soluble. E. H. Elliott	7863	31 Aug.
Distributor for doughy or pasty material. J. A. Gunn	7511	27 March.
Distributor for manure and seed. A. M. Perry	7751	15 Jul.
Distributor for poisoned materials. S. McMillan and W. Rundel	7628	23 May.
Distributor for pollard, dough, &c. J. Pearson	7988	18 Oct.
Distributor. (See also Manure-distributor, Nozzle, Toxa, Water.)		
Ditching plough. C. C. Kidd	7774	16 July.
Dogs, Apparatus for liberating at coursing matches. J. Rose	7834	19 Aug.
Doors, Apparatus for excluding draughts and dust through bottoms of. T. L. Hindley and G. Bini	7860	31 Aug.
Door- and sash-fastener. W. Andrews	7922	26 Sep.
Door-fastener. K. E. Norrie	7451	25 Feb.
Doors, Folding, for stock wagons. T. G. and A. Colson	7601	11 May.
Dough-cutting apparatus. S. Wootton, jun.	7791	1 Aug.
Drains, Intercepting trap for. A. Burt	7656	4 June.
Drain-ploughs. H. Greig and G. T. Booth	7807	10 Aug.
Drain- and track-cutting apparatus. H. M. Meredith	7693	21 June.
Drain. (See also Anti-tile drain apparatus, Sewers.)		
Draught animals, Connecting to vehicles. T. H. Brigg	7939	2 Oct.
Draughts, Preventing. (See Doors.)		
Drawing, sketching and designing tables. J. Hough and S. J. Laughlin	7626	23 May.
Drawings and maps, Instrument to facilitate copying. W. Tyree	7952	4 Oct.
Dredges. W. and W. H. Cutten	7843	21 Aug.
Dredging-machines, Tumbler for. D. Williams	7694	21 June.
Dredging. (See also Buckets, Gold-dredging.)		
Dress. (See Life-saving dress.)		
Dressing, winnowing, and separating machine. H. Hall	8046	6 Nov.
Drills, Spring ridging, plough for. A. Storrie	7613	15 May.
Drills, Feeder for use on. Massey-Harris Co. (Limited)	7824	15 Aug.
Drills, combined, Attachment to. Southland Farmers' Implement and Engineering Company (Limited)	8148	16 Dec.
Drills. (See also Rock-drills, Grain-drills.)		
Driving-bits for horses. H. Small	7861	31 Aug.
Driving-gear for bicycles. E. Segar	7826	20 Aug.
Driving-gear for bicycles. C. E. Usher	7908	19 Sept.
Driving-gear for bicycles. W. J. Barlow	8078	19 Nov.
Driving-gear for cycles. L. N. Dyhrberg	8079	20 Nov.
Driving-gear for cycles. T. Grace	8164	30 Dec.
Driving mechanism for bicycles, &c. J. McKeegan	7953	3 Oct.
Drums, cans, &c., Method of making. J. Banbury	7600	13 May
Dryer. (See Clothes-dryer, Kiln-dryer.)		
Drying and disintegrating process. F. T. Cummer	7466	4 March.
Drying or warming boots, Arrangement for. W. H. Hazard	7767	24 July.
Ear-mark for sheep or cattle. A. L. Macdonald	7542	10 April.
Eaves-spout. O. Deacon	7816	12 Aug.
Eggs, Apparatus for beating. E. A. and H. Wakeman	7385	21 Jan.
Egg-tester. W. Tyree	7804	10 Aug.
Election polling-station fittings. Flere and Mills (Limited)	7929	27 Sept.
Electrical currents, Methods of and apparatus for measuring. O. B. Shallenberger	7438	21 Feb.
Electrical device for detecting removals from hooks, nails, &c. R. Tolley	7733	8 July.
Electrical purposes, Carbon for. C. P. Shrewsbury and F. L. Marshall	7616	21 May.
Electrical purposes, Gauge for. A. E. Woodhouse	7846	24 Aug.
Electrical boilers for heating. J. Chambers	8124	5 Dec.
Electrically coating non-conducting articles, Process for. H. N. McLeod	7708	28 June.
Electrical hot-plates, and apparatus for cooking and heating purposes. J. Chambers	8053	8 Nov.
Electrical stampers for ore-crushing. C. G. Evenson	7799	8 Aug.
Electrical resistance-wires, Medium for insulating and embedding. J. Chambers	7983	16 Oct.
Electric batteries. C. J. Wollaston	7509	27 March.
Electric batteries. C. P. Shrewsbury and J. Dobell	8091	27 Nov.
Electric cars. A. H. Brintnell	8162	23 Dec.
Electrical conductors, Means for insulating. T. Guillaume	7893	14 Sept.
Electrical conductors, Means for insulating. T. Guillaume	8089	27 Nov.
Electricity, Motive-power for generating. J. H. Pledger	7728	4 July.
Electricity, Means of preserving meat by. E. Waters	7759	19 July.
Electricity. (See also Carbon, Gold, Zinc.)		
Electric lighter. B. Wolinski	7879	9 Sept.
Electric sheep-shearing machine. J. B. Jackson	8005	26 Oct.
Electric starting-machine. J. Gant	8014	29 Oct.
Electro-medico combination-table. A. Leslie	7370	12 Jan.
Electro-motors and electro-magnetic apparatus. The Alternate-current Electro-motor Syndicate (Limited)	8140	14 Dec.
Elevator and overhead conveyor, race-starting machine, &c., combined. C. Snowden	7898	30 Jan.
Embrocation. C. R. Joyce and R. Falconer	7809	13 Aug.
Engine. (See Gas-engine, Governor, Motor, Petroleum-engine, Steam-engine, Traction-engine, Oil-engine.)		
Ensilage-press. J. Keir	8025	31 Oct.
Envelope. A. H. Krause	8050	9 Nov.
Envelope, Advertising. B. Moss	7397	30 Jan.
Envelopes, Attachment to, for opening. T. de R. Harman	7878	5 Sept.
Envelopes, Fastening device for. C. H. Reed	8115	6 Dec.
Envelope and letter-paper, Combined. M. E. Cuming	7832	20 Aug.
Envelopes and wrappers. A. H. Krause	8054	13 Nov.
Envelope. (See also Postal envelope.)		
Escape. (See Fire-escape.)		

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Excluding draughts and dust, Apparatus for. G. Bini and T. L. Hindley	7860	31 Aug.
Exhausting apparatus. S. H. Wright	7722	4 July.
Explosive. F. W. Bawden	7719	4 July.
Explosive compounds. A. C. Rand	7689	20 June.
Explosive, Safety. J. A. Wallace	7685	19 June.
Extension-tables, &c. G. Stephen	7625	23 May.
Extinguisher. (See Candle-extinguisher, Fire-extinguisher.)		
Extract. (See Meat-extract.)		
Extractor. (See Gold-extractor, Stump-extractor, Iron-extractor, Metal-extractor.)		
Fastener. (See Window-sash fastener, Door-fastener.)		
Fastening device for cams of stamp-mills. E. A. Blanton	7605	15 May.
Fastening device for envelopes, boxes, &c. C. H. Reid	8115	6 Dec.
Feeder for use on drills. Massey-Harris Co. (Limited)	7824	15 Aug.
Feeding-trough. J. Crawley	7513	— March.
Fence. (See Rabbit-trapping fence, Wire fencing, Wire-strainer.)		
Fencing posts and standards. G. and G. Wratten	7918	25 Sept.
Fencing standards. J. McCreath	7960	7 Oct.
Fencing standards. E. M. Murley	7969	10 Oct.
Fencing-wire holder. J. Macalister	7730	2 July.
Ferris wheel, Safety-cars and gearing for. J. Sheppard	7484	8 March.
Ferro-cyanide. (See Cyanide.)		
Fertilising compound. E. Richardson, jun.	7765	19 July.
Fibre. (See Flax.)		
Filler or funnel. R. W. Davies	7641	29 May.
Filling boxes with matches, Machines for. J. W. Denmead, C. H. Palmer, and J. A. Baughman	7568	29 April.
Finger-ring for striking matches. A. H. Hart and B. L. Latham	7623	21 May.
Fire-bars, Appliance to conduct air through. J. Carter	7855	29 Aug.
Fire-escape, Guide to. M. Orchard	7906	20 Sept.
Fire-extinguisher or shower-bath. B. Hindle	7517	27 March.
Fire-grate, Double revolvable. L. Davies and A. le C. de Lautreppe	7557	19 April.
Firing grass, Apparatus for. W. Tyree	7954	5 Oct.
Fish-joint for railways. M. Belk	7356	3 Jan.
Flax-dresser. W. J. Dufaur and J. A. Donaldson	8112	4 Dec.
Flax-fibre, Process of improving quality of. R. Chambers	7445	19 Feb.
Flax-fibre and tow, Process of ridding of gum. J. R. Lamb	7506	26 March.
Flax, Process for preparation of fibre of. R. Chambers	7444	19 Feb.
Flax, Process for treatment of. T. Branton	8108	2 Dec.
Flexible harrows. J. Robb	7753	19 July.
Flongs for producing matrices for stereotyping. G. Eastwood	7577	2 May.
Flooding in subaqueous works, Process for minimising danger of. W. Simpson	7670	11 June.
Floor-cloths, Machinery for manufacturing. C. E. Lucas, C. F. Leake, and H. W. Godfrey	7801	8 Aug.
Floor-cloths, Method and apparatus for manufacturing. W. Mather	7942	1 Oct.
Flooring and lining, Lever-cramp for. H. Childs	8099	26 Nov.
Flour, Method of showing proportions of gluten and starch in. P. C. K. Young	8169	24 Dec.
Flushing water-closets, Apparatus for. H. Thomson	7609	15 May.
Flushing water-closets, sewers, &c., Appliances for. H. Thomson	8041	6 Nov.
Food, Appliance for cooking. F. J. Bidmeade	8096	26 Nov.
Food, Method of preserving fresh. J. Harrison	7821	16 Aug.
Food for horses and cattle. J. Leigh	7981	28 Sept.
Food for cattle. (See also Blood.)		
Food for poultry, pigs, &c. D. W. Fessey	8063	14 Nov.
Food. (See also Cooking.)		
Foot, Artificial. K. Graf	7472	2 March.
Foot-mats. C. V. Jenkins	7810	13 Aug.
Foot-rot cure. J. Turner and T. W. Strack	7621	18 May.
Foot-rot in sheep, Cure for. W. A. Graham	7539	6 April.
Force-feed for seeding implements. A. Storrie	8077	19 Nov.
Force-feed for sowing manure. R. Gray	8086	21 Nov.
Fork-holder. T. G. Vinson	7873	11 Jan.
Foundation pile for framed wooden structures. J. Mitchell	8152	17 Dec.
Freezing-machine. G. W. Davies	7964	7 Oct.
Freezing. (See also Cooling, Preserving, Refrigerating.)		
Friction on ships, Method of diminishing. W. Haines	8016	30 Oct.
Fruit, dried, Apparatus for packing. E. N. Legge	7380	19 Jan.
Fruit-tree sprayer. J. H. and W. Joll	7917	25 Sept.
Frying-pan and cover. H. Amos	7622	20 May.
Frying-pans, Cover for. A. L. J. Tait	7805	6 Aug.
Fuel, Artificial. G. S. and C. Cory	7700	24 June.
Fuel-composition. E. Waters	7692	20 June.
Fuel, Method of economizing. G. Lindsay	8138	12 Dec.
Fuel, liquid, Burners for. J. C. Lee, S. Walton, and W. G. Scott	7676	11 June.
Fuel, Process of making. G. J. Altham	7523	1 April.
Funnel. R. W. Davies	7641	29 May.
Funnel. (See also Hydraulic.)		
Furnace fixings. A. G. Christopher and R. Brinsley	7650	4 June.
Furnace, Steam-boiler. J. Warnock	7999	23 Oct.
Furnace for destroying garbage, nightsoil, &c. R. Hudson	8116	6 Dec.
Furnaces, Means of increasing heat in. C. V. Potter	8100	29 Nov.
Furnace. (See also Boiler, Fire-bars, Fuel, Steam.)		
Furniture, Appliance for raising and lowering. W. J. Dalton	7394	25 Jan.
Furniture, Spring. W. Angell	7705	24 June.
Furniture castors. J. W. Mullon	8056	12 Nov.
Furniture. (See also Castors, Tables.)		
Fusees. (See Matches.)		
Galvanic batteries. W. R. Cotham	8008	26 Oct.
Game. F. D. Ferguson	7408	6 Feb.
Game or puzzle. F. D. Ferguson	7407	5 Feb.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Garden label carrier. F. R. and C. J. Chapman	7731	4 July.
Garden spraying-machine. W. J. Shanly and D. Macnamara	7736	10 July.
Garment pockets. E. J. Curran	8001	25 Oct.
Garments. (See also Trousers, Waterproof garments.)		
Gas, Apparatus for producing. A. and S. Baldwin	7819	16 Aug.
Gas- or vapour-motors, Gearing for. G. Aickin and R. Caldwell	7898	16 Sept.
Gas apparatus for obtaining light and heat. The De Mare Incandescent Gaslight System (Limited)	8106	9 Dec.
Gas-burners, Solution for illuminant mantles for. W. Hooker	8010	28 Oct.
Gas-engines. H. T. Reid	7404	4 Feb.
Gas-engine, Arrangement for starting. A. Niemczik	7487	14 March.
Gas, Mediums for igniting. J. F. Duke	7904	19 Sept.
Gas-meter apparatus. F. Wright	8071	20 Nov.
Gas-meters, Wet. W. J. Warner and W. Cowan	7491	20 March.
Gas-motor engines, Cars propelled by. H. P. Holt	7721	4 July.
Gas street-lamps, Apparatus for lighting and extinguishing. W. White and J. A. Wallace	7889	9 Sept.
Gas. (See also Illuminant, Hydro-carbon gas.)		
Gates, Self-closing (usable also as race-starting machine, &c.). C. Snowden	7398	30 Jan.
Gates. E. Waters	7851	26 Aug.
Gauge for electrical purposes. A. E. Woodhouse	7846	24 Aug.
Glass, Production of corrugated. W. L. Pilkington	7822	16 Aug.
Glove, Waterproof, for cleaning and polishing. J. S. Scarr	8038	5 Nov.
Glycerine, Process of obtaining from spent lyes. W. F. Jobbins and J. van Ruymbeke	8037	5 Nov.
Gold amalgamation, Process for. E. L. Oppermann, E. Fischer, and C. T. J. Oppermann	8090	27 Nov.
Gold-amalgamator. W. Watson	7797	6 Aug.
Gold-amalgamator. A. L. J. Tait.	8028	29 Oct.
Gold-bearing antimony-ores, Process for treating. J. J. Christmas	7584	9 May
Gold-bearing sand, Apparatus for extracting iron from. E. Purser	7470	4 Marc
Gold-concentrator. A. G. Robinson	8061	16 Nov.
Gold-concentrator and -amalgamator. T. W. Jeans	7974	14 Oct.
Gold-dredging machinery. H. Benjamin	7401	29 Jan.
Gold-dredging machinery. A. J. Park	8123	2 Dec.
Gold-dredging. (See also Buckets, Dredging.)		
Gold-dredging, Pick-and-shovel machine for. R. Cockerell	7963	8 Oct.
Gold-extracting machine. D. Richardson	8067	15 Nov.
Gold-extracting processes and apparatus. L. de Rigaud	8143	14 Dec.
Gold-extractor. L. Pelatan and F. Clerici	7441	21 Feb.
Gold, fine, Method of saving. W. Eckersley and R. Langford	7473	6 March.
Gold, Method of obtaining, from antimony. W. J. Studds	8121	6 Dec.
Gold-ores, antimonial, Process for treatment of. R. C. Beveridge	7872	4 Sept.
Gold precipitated from chloride solution, Method of recovery of. J. W. Sutton	7469	4 March.
Gold, Process of extracting from ores. B. C. Hinman	7884	10 Sept.
Gold-saver. W. H. Scott	8098	22 Nov.
Gold-saver for quartz reefs D. H. Pattie	7597	13 May.
Gold-saving appliances. T. H. Davidson	8107	29 Nov.
Gold-saving machine. C. J. Horneman	7666	11 June.
Gold-saving, Method of. G. Munro	7423	13 Feb.
Gold-separating apparatus. C. Phillips	7728	4 July.
Gold and silver, Apparatus for extracting from ores. O. C. Heiden	7374	15 Jan.
Gold- and silver-extractor. A. G. French	7813	9 Aug.
Gold and silver, Method of and apparatus for extracting from ores. O. C. Heiden	7374	15 Jan.
Gold and silver, Method of separating from other materials. N. S. Keith	7481	12 March.
Gold- and silver-ores, Apparatus for triturating and amalgamating. W. H. Richardson and J. T. Penny	7457	28 Feb.
Gold and silver, Process and apparatus for extracting. The Cassel Gold-extracting Company (Limited)	7691	20 June.
Gold and silver, Process for extracting. P. de Wilde	7604	14 May.
Gold and silver, Process for extracting. J. A. Walker	7897	16 Sept.
Gold and silver, Process for extracting. A. C. Suttie	8160	20 Dec.
Gold and silver, Process for recovery of. E. D. Kendall	7858	31 Aug.
Gold and silver, Solvents for extraction of. A. Schmidt	7583	8 May.
Gold. (See also Amalgamator, Antimony, Auriferous, Battery, Buckets, Concentrator, Cradling, Cyanide, Dredging, Ferro-cyanide, Metals, Ore, Quartz-crusher, Separation, Sluicing, Stamp.)		
Gorse-clipper. G. Watson and J. Graham	7840	19 Aug.
Governor for back-slide cut-off steam-engines. W. F. Meyenberg	7921	27 Sept.
Governor for traction-engines. J. Durward, H. J. and C. Topliss	7781	30 July.
Governor-valves. E. B. Walworth	7818	15 Aug.
Grain-drilling machines. Bickford and Huffman Company	7757	19 July.
Grass, Instrument for setting fire to. W. Tyree	7954	5 Oct.
Grass-reaper. A. Brown	8070	20 Nov.
Grass-seed, Apparatus for packing, in sacks. C. L. Wheeler	7442	22 Feb.
Grate. (See Fire-grate.)		
Grating. (See Sump-grating.)		
Grinding. (See Crushing.)		
Guard. (See Wind-guard, Toe-guard.)		
Guns, Combustion-chamber for. J. C. Husband	7602	14 May.
Hair-clipping machine. E. W. C. Cox and G. Bowmar	8073	20 Nov.
Hair-clipping. (See also Clipping, Shearing.)		
Hair, Shears for. G. Bowmar	7465	4 March.
Hames. (See Collars and Hames.)		
Hammer. (See Staple-hammer.)		
Hand-kilter and -designer. J. Beardmore	7375	16 Jan.
Handle-bar for cycles. H. W. B. Bassett	8120	6 Dec.
Handles of cricket-bats. E. Sefton	8095	28 Nov.
Harness-gear. S. V. Buskirk	7760	19 July.
Harness. S. V. Buskirk	8006	26 Oct.
Harness. G. Telfer	7477	11 March.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Harrow, Flexible steel-tined. G. J. Wallace and W. T. Masson	7644	5 June.
Harrows, Flexible. J. Robb	7753	19 July
Harrow. J. Speedy	8060	15 Nov.
Harrow. (See also Clip-harrow.)		
Harvester and binder, Knotters for. G. R. Hale	8102	29 Nov.
Harvester. (See also Potato-harvester.)		
Hat, Apparatus for securing, to head. W. Brew and E. Stanfield	8109	2 Dec.
Hauling apparatus. J. C. Husband	7614	20 May.
Heating. (See Electrical boilers, Electrical hot-plates, Furnaces, Gas, Water-heater.)		
Hermetically sealing metal boxes, Method of. A. G. Buttifant and J. Gersant	7498	20 March.
Hermetically-sealed vessels. J. J. Stone, J. P. Wright, and H. E. Pratten	8119	6 Dec.
Hides and skins, Method of preparing, for tanning. W. Harper and W. E. Field	7990	18 Oct.
Hides and skins, Process for treating. J. Mackintosh and A. K. Y. Anderson	7578	3 May.
Hides and skins, Process for treating. J. Mackintosh and A. K. Y. Anderson	7744	15 July.
Hinge for back seat of buggy. W. H. Mathieson	7387	21 Jan.
Hoists, Gear for. A. D. Dobson	7726	4 July.
Hook and eye. J. W. Jones	8018	29 Oct.
Horse-cloth. J. O'Neill	7570	30 April.
Horse-collars. E. Barton	7618	21 May.
Horse-cover. J. and J. Wiseman	7474	1 March.
Horse-cover. W. A. Dimick	7712	28 June.
Horse-cover. J. and J. Wiseman	7827	14 Aug.
Horse-covers. R. F. Webster	8170	24 Dec.
Horses, Cruppers for. E. Smethurst and H. Cave	7932	27 Sept.
Horses, Driving-bits for. H. Small	7861	31 Aug.
Horses, Dry food for. J. Leigh	7931	28 Sept.
Horses, Safety-harness for. G. Telfer	7477	11 March.
Horse-shoe. C. J. Cooze	8154	21 Dec.
Hurdle, Safety. W. G. Grey	7674	7 June.
Hydraulic Injector Funnel. E. R. Groves	7518	29 March.
Hydraulic sluicing-race. E. R. Groves	7355	3 Jan.
Hydrocarbon gas, Process of production and consumption of. T. L. Willson	7490	20 March.
Hydro-carbon. (See also Kerosene.)		
Ice-rinks. J. Fishburn	7378	18 Jan.
Ice-safe. M. Kreissig	7950	4 Oct.
Igniting gas, Mediums for. J. F. Duke	7904	19 Sept.
Illuminant for lamps and candles. J. A. Wallace and J. C. Robertson	8074	20 Nov.
Illuminant mantles for gas-burners, Solution for. W. Hooker	8010	28 Oct.
Implement. (See Disc-implement.)		
Inanimate objects for sportsmen. A. N. Whitney	7541	5 April.
Inhalation of vapours, Appliances for. J. H. Reed and T. Bury	7752	19 July.
Insect-destroyer. S. Richter	7554	17 April.
Insulating electric conductors, Means for. T. Guillaume	7893	14 Sept.
Insulating electric conductors, Means for. T. Guillaume	8089	27 Nov.
Insulation. (See Telephonic.)		
Intercepting trap for drains. A. Burt	7656	4 June.
Iron, Extraction of, from gold-bearing sand. E. Purser	7470	4 March.
Iron. (See also Steel, Soldering-iron.)		
Ironsand briquettes. E. Purser	8094	28 Nov.
Jack. (See Lifting-jack.)		
Jacket. (See Vest.)		
Joint. (See Fish-joint, Railway joint, Weatherboarding-joint.)		
Keg-washing machinery. C. L. Kline	7755	19 July.
Kerosene-lamp syphon. A. L. J. Tait	7464	26 Feb.
Kerosene-oil tap. W. Morton	7556	19 April.
Kerosene-pump. A. Billens	7629	22 May.
Kerosene-shale, Treatment of, for production of hydro-carbons. R. C. Beveridge and J. C. Alexander	7887	10 Sept.
Kerosene syphon-pump. D. Dunn	8040	6 Nov.
Kerosene tins, Tap for. H. Credgington	7784	1 Aug.
Kerosene tins, Tap for. T. Zwicker, A. Tod, and G. Barnes	8118	6 Dec.
Kerosene. (See Illuminant, Lamp, Syphon.)		
Kiln-drier for oats, &c. R. Doull	7411	8 Feb.
Kilter. (See Hand-kilter.)		
Knife-cleaning apparatus. T. E. Danks	7657	7 June.
Knife-cleaner. T. Holroyd	7717	4 July.
Knife-cleaner. J. Tasker and G. M. Gardner	7779	31 July.
Knives. (See Pocket-knives.)		
Knotters for harvester-binders. G. R. Hale	8102	29 Nov.
Labelling-machine, Can. W. G. Trethewey	7734	12 July.
Labelling-machine, Can. E. W. Cornell and F. H. Knapp	8103	29 Nov.
Label. (See Garden label carrier.)		
Lace-boots. G. Lewis	7519	29 March.
Ladder-stay. F. M. Dicker	7648	6 June.
Lambs, Appliance for operating upon. J. Moderate and J. Godber	7882	6 Sept.
Lamps. L. F. Betts	7697	22 June.
Lamps. (See also Buggy-lamps, Illuminant, Non-combustible wick and lamp, Oilcan and lamp, Syphon.)		
Lamp-holder. T. W. Hickson	7515	29 March.
Lamp-socket. T. Goodwin	7811	8 Aug.
Lamp-wicks. A. E. Woodhouse	8052	8 Nov.
Launching boats, Apparatus for. E. Thomas	7482	12 March.
Launching boats, Apparatus for. E. Thomas	7703	26 June.
Launching boats, Apparatus for. H. S. E. Hobday	7749	15 July.
Launching ships' boats, Apparatus for. D. Jones	7446	19 Feb.
Launching ships' boats, Apparatus for. W. Tyree	7742	12 July.
Launching ships' boats, Davits for. H. McGilvray and A. Dray	7503	21 March.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Letter-card. G. Aitkens	7654	7 June.
Letter-clip. W. McKinnon and J. C. McCrea	7659	10 June.
Letter-paper and envelope combined. M. E. Cumming	7832	20 Aug.
Letter pillar-boxes and -bags. S. N. von Sturmer, G. M. Harden, and J. Gell	8039	6 Nov.
Levelling- and traversing-head for theodolites. A. I. Littlejohn and P. Still	7665	11 June.
Lever and body-rest for two-wheeled vehicles. J. Fogarty and W. T. Widdowson	7450	21 Feb.
Lever-crimp for flooring and lining. H. Childs	8099	26 Nov.
Lever and pawl. J. C. Husband	8021	31 Oct.
Life-boat, collapsible. F. A. Broughton	7389	24 Jan.
Life-saving dress. D. A. Douglas	7640	29 May.
Lifting-jack. J. K. Mawson	7930	26 Sept.
Lifting-jack. W. S. Pillans	7890	21 Aug.
Lifting-jack. W. S. Pillans	8083	20 Nov.
Light. (See Gas, Illuminant, Lamps.)		
Lighter. (See Electric-lighter.)		
Lines, Apparatus for heaving. W. Tyree	7664	11 June.
Lining and flooring, Lever-crimp for. H. Childs	8099	26 Nov.
Lining of cases, Apparatus for cutting. C. A. Seager	7531	1 April.
Liquid fuel-burners. W. G. Scott and J. C. Lee	7676	11 June.
Liquids. (See Aërated liquids.)		
Locality-plan for cards, billheads, &c. C. O. Rosenberg	7852	31 Aug.
Locks. (See Nut-lock, Seal-locks, Window-sash-lock.)		
Locomotive smoke-consumer. E. Hayes	7777	29 July.
Log-shoe or sledge. W. Watson	7400	30 Jan.
Logs, Rafting. J. A. Walker	7833	19 Aug.
Looms. R. Glendining, J. P. Faulds, and G. E. Beaumont	8030	2 Nov.
Mail- and treasure-barge. W. Akersten	7788	2 Aug.
Manure, Artificial. S. Bright	7645	5 June.
Manures. (See also Fertilising.)		
Manures, Canister, for sowing. T. E. Sapwell	7499	15 March.
Manure-distributors. J. Macalister	7599	13 May.
Manure, Force-feed for sowing. R. Gray	8086	21 Nov.
Marker. (See Chain-marker.)		
Marking meat, Device for. G. R. Stack	7735	9 July.
Marking meat, Instrument for. R. W. Hammond	7486	13 March.
Match-box. H. Thompson	8027	2 Nov.
Match-box-filling machine. J. W. Denmead, C. H. Palmer, and J. A. Baughman	7568	29 April.
Matches, fusees, &c. G. W. Thomas	8104	28 Nov.
Matches, Finger-ring for striking. A. H. Hart and B. L. Latham	7623	21 May.
Matches, New method of water-proofing. A. S. Ford	7795	5 Aug.
Matches. (See also Wax matches.)		
Matrices for stereotyping, Flongs for. G. Eastwood	7557	2 May.
Mats. (See Foot-mats.)		
Mattress, Spring. Hygienic Spring Mattress Company	7768	25 July.
Maps, Test and teaching. A. Heathcote	7992	21 Oct.
Measuring attachment to canisters. A. L. J. Tait	7764	18 July.
Measuring electrical currents, Methods of. O. B. Shallenberger	7438	21 Feb.
Meat, Device for broiling. J. C. Husband	7713	1 July.
Meat, Device for marking. G. R. Strack	7735	9 July.
Meat-extract and fatty matters, Process for obtaining. W. B. Sharpe and B. Clarke	7859	31 Aug.
Meat, Instrument for marking. R. W. Hammond	7486	13 March.
Meat, frozen, Method of treating. J. A. Linley	7948	4 Oct.
Meat. (See also Cooling, Freezing, Refrigerator, Weighing.)		
Mechanical toy. A. H. Hart	7381	18 Jan.
Medicinal and disinfecting fluid. M. Frewen	7474	8 March.
Medicine. (See Cure of headache, Cure of rheumatism, Foot-root cure, Sheep medicine, Stomach-worm mixture.)		
Metallic wheel and axle. J. Davis	7989	18 Oct.
Metal lining of cases, Tool for cutting. C. A. Seager	7531	1 April.
Metals, Method of extracting. C. Hoepfner	7772	25 July.
Metals, precious, Alloying-plant for. D. R. S. Galbraith	7647	5 June.
Metals, precious, Apparatus for separating from ores. L. Pelatan and F. Clerici	7874	3 Sept.
Metals, precious, Concentrating- and amalgamating-machine for. J. Robinson	7971	12 Oct.
Metals, precious, Process of extracting. C. O'Brien	7962	4 Oct.
Metals, precious, Process of extracting. O. Frölich	7941	1 Oct.
Metals, Process of extracting. J. J. Hood	7425	14 Feb.
Metals, Process of separating from blends. M. A. J. Roux	7458	28 Feb.
Metals. (See also Amalgamator, Concentrator, Gold, Minerals.)		
Meters. (See Gas-meters.)		
Milk aëerator. J. Macaulay and A. Morrison	7652	5 June.
Milk aëerator. J. Anderson	7680	11 June.
Milk aëerator. R. Crowe	7871	4 Sept.
Milk aëerator and cooler. P. Thomson	7888	10 Sept.
Milk aëerator and cooler. J. Nicol	7899	19 Sept.
Milk aëerator and cooler. F. J. King	7925	26 Sept.
Milk aëerator and cooler. J. and S. Hardley	7978	18 Oct.
Milk aëerator and cooler. A. Stubbs	8097	28 Nov.
Milk aëerator and cooler. A. H. Moorhouse	8156	18 Dec.
Milk-cans. R. Walker	7701	21 June.
Milking-machines, Teat-cups of. J. Hartnett and D. M. Robison	7544	10 April.
Milking-machines. A. Shiels	7771	25 July.
Milking-machines. L. Davies	7856	29 Aug.
Milk, Process for sterilising. J. H. Kitson	7545	18 April.
Milk refrigerator. B. Böggild	7368	11 Jan.
Milk-testing apparatus and compound. W. H. Gaze	7540	6 April.
Mills. (See Crushing, Stamps.)		
Minerals, Concentration of. J. C. Fell	7608	15 May.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Minerals. (See Gold, Metals.)		
Mining. (See Gold, Placer-mining.)		
Mixer. (See Poisoned pollard-mixer.)		
Monocycle racing-machine. L. Davies and H. J. Cunningham	7573	27 April.
Moorings for yachts, &c. J. O. Freeth and C. G. Allen	7977	16 Oct.
Motive-power, Machinery for obtaining. J. W. McDougall	7555	18 April.
Motor. J. F. W. Schadick	7864	27 Aug.
Motors. (See Electro-motors, Engine, Gas-motor, Tramway-motors, Vapour-motor.)		
Moulding-presses. C. Pratten	7395	30 Jan.
Mouthpieces for cigarettes. The American Tobacco Company of New Zealand (Limited)	7823	16 Aug.
Mouthpieces for pipes, cigars, and cigarettes. H. Dixon	7686	19 June.
Mouths of animals, Apparatus for opening. S. van Buskirk and C. Martin	7761	19 July.
Mud from roads, Machine for lifting. C. Walkden	7485	11 March.
Musical instrument. D. Rugg and A. E. Argall	8045	8 Nov.
Nail, Roofing. C. L. Croxford	7853	24 Aug.
Nail and washer. J. Mitchell	8085	26 Nov.
Night-commode. O. Silcock	7588	7 May.
Nightsoil, Furnace for destroying. R. Hudson	8116	6 Dec.
Non-combustible wicks, and lamps for same. G. Aitkens and J. A. Pike	7420	13 Feb.
Nozzle for distributing water. H. S. Chipman	8117	6 Dec.
Nut-lock. R. A. Hervey	7534	4 April.
Oats, Kiln-dryer for. R. Doull	7411	8 Feb.
Oil-can. D. Porter	7410	7 Feb.
Oil-can and lamp combined. G. H. Marsden	7551	9 April.
Oil- and gas-engines. H. T. Reid	7404	4 Feb.
Oils or fatty matters, Process for recovering. Floating Metal Company (Limited)	8168	28 Dec.
Ointment. J. Drumm	7763	16 July.
Opener. (See Oyster-opener, Tin-opener.)		
Ore amalgamating plate. D. R. S. Galbraith	7646	5 June.
Ores, Apparatus for concentrating. T. White, C. G. Lyon, and W. R. Beeston	7587	9 May.
Ores, Apparatus for separation of precious metals from. L. Pelatan and F. Clerici	7874	3 Sept.
Ores, Centrifugal separators for. O. B. Peck	7868	4 Sept.
Ores, Centrifugal separators for. O. B. Peck	7869	4 Sept.
Ores, crushed, Process for treatment of. Floating Metal Company (Limited)	8035	5 Nov.
Ores, Electrical stampers for crushing. C. G. Evenson	7799	8 Aug.
Ores, Means of concentrating. W. J. Hammond and J. Gordon	7720	4 July.
Ores, Method of extraction of gold and silver from. O. C. Heiden	7374	15 Jan.
Ores, Pneumatic stamps for crushing. D. Embleton and G. Glossop	7866	4 Sept.
Ores, Process for extracting gold from. B. C. Hinman	7884	10 Sept.
Ores, Process for centrifugal separation of. O. B. Peck	7867	4 Sept.
Ores, Process for extracting gold from. L. Pelatan and F. Clerici	7441	21 Feb.
Ores, Process for extracting gold and silver from. The Cassel Gold-extracting Company (Limited)	7691	20 June.
Ores, Process for manufacture of ozone and application to treatment of. C. J. Yarnold	7894	14 Sept.
Ores, Process of extracting precious metals from. O. Frölich	7941	1 Oct.
Ores, Process of extraction of precious metals from. C. O'Brien	7962	4 Oct.
Ores, process for production of zinc from. O. Frölich	8036	5 Nov.
Ore-rock, Machine for crushing. W. E. Hughes	8165	30 Dec.
Ores, zinc-bearing, Process for electrolytic and leaching treatment of. E. A. Ashcroft	7985	18 Oct.
Ores. (See also Amalgamator, Concentrator, Gold, Metals, Minerals, Ozone, Quartz, Stamp-mills.)		
Organ, Accompanist for. A. H. Hathaway	7552	10 April.
Orrery. (See School orrery.)		
Oxidizing cyanide, Apparatus for. F. Moore and C. P. Hoiland	7817	14 Aug.
Oyster-opener. C. Smith	7973	14 Oct.
Ozone, Process for manufacture of and application to treatment of ores. C. J. Yarnold	7894	14 Sept.
Pail. (See Slop-pail.)		
Paints and varnishes, Apparatus for applying to surfaces. H. C. Cleaver	7907	19 Sept.
Pan. (See Amalgamating-pan, Frying-pan, Pulverising-pan.)		
Paper-clip. T. G. Vinson	7871	10 Jan.
Paper-file. J. R. Renner	7580	7 May.
Paper-hook and hanger. J. B. Speed	7635	27 May.
Parasites, Mixture for cleansing trees from. W. Wheelband	7980	16 Oct.
Paving. (See Wood-block paving.)		
Pawl. J. C. Husband	8021	31 Oct.
Pea-cutter or scarifier. R. H. Harper and J. Cockerell	7987	18 Oct.
Pedal-action for bicycles. H. M. and J. Copeland	8113	5 Dec.
Perambulator. T. A. H. Field	7567	27 April.
Perishable articles, Means of preserving. C. F. Buckley	7606	15 May.
Petroleum- and gas-engines, Arrangement for starting. A. Niemczik	7487	14 March.
Petroleum, Process of manufacturing saponaceous products from. C. Weygang	7478	12 March.
Petroleum, Process of manufacturing artificial fuel from. C. Weygang	7479	12 March.
Phæton body, Movable. H. F. Smith and H. Miller	7596	10 May.
Photography, Process for production of prints by. W. F. Greene	8072	20 Nov.
Piano or organ, Accompanist for. A. H. Hathaway	7552	10 April.
Pictures, Appliance for suspending. S. Soffe	7913	23 Sept.
Piles. P. A. Hadley	7543	10 April.
Pile. (See Foundation pile.)		
Pillar. (See Letter pillar-boxes.)		
Pipe-filler and tobacco-cutter. F. E. Dunnett	7748	17 July.
Pipes. (See Mouthpieces, Smoking-pipes.)		
Placer-mining, Methods of and apparatus for. E. D. Bronson	7758	19 July.
Plan. (See Locality-plan.)		
Plate. (See Advertising table-plate, Amalgamating-plate.)		
Platen-presses. G. Eastwood	7576	2 May.
Platform for sheep-races. J. Brown	7610	9 May.
Ploughs. R. Gray	7651	5 June.
Ploughs, Means of attaching coulters to. R. Tomline and H. A. Atkinson	7501	21 March.
Ploughing. (See Cross-ploughing.)		

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued*.

Invention and Name of Inventor,	No.	Date.
Ploughs, Pulverising attachment to. M. Smith	8069	18 Nov.
Ploughs, Spring ridging-, for drills. A. Storrie	7613	15 May.
Ploughshares. F. J. King	7926	26 Sept.
Plough-wheel bearing. G. T. Booth	7947	2 Oct.
Plough. (See Coulter, Ditching-plough, Drain-plough.)		
Plumb indicator. H. Graff	7794	5 Aug.
Plummet-crane and chain-marker. H. J. Wylde	7435	21 Feb.
Pneumatic bicycle-saddle. C. S. Lambert	8032	5 Nov.
Pneumatic sock or slipsole. S. Smith	8126	6 Dec.
Pneumatic stamps for crushing ores. G. Glossop and D. Embleton	7866	4 Sept.
Pneumatic and ventilated boots. S. Smith	7945	2 Oct.
Pocket-knives. J. Sanders and W. J. Minter	7468	4 March.
Pocket tobacco-cutter. C. C. Morris	7386	23 Jan.
Pocket tobacco-cutter and pipe-filler. F. E. Dunnett	7748	17 July.
Pockets. (See Garment pockets.)		
Poisoned grain, Apparatus for laying. B. de Ferrers	8111	5 Dec.
Poisoned pollard-cutter. E. Hayes	7655	7 June.
Poisoned pollard-mixer. E. Hayes	7927	27 Sept.
Poison-layer and spade combined. R. Bright, jun., and H. Mackay	7615	20 May.
Poison-distributor. W. Rundel and S. McMillan	7628	23 May.
Poison. (See also Rabbit poison, Toxa compound.)		
Polish, Metal and glassware. H. W. Williams	7835	23 Aug.
Pollard. (See Poisoned pollard.)		
Polling-station fittings. Flere and Mills (Limited)	7929	27 Sept.
Postage-stamps, Method of advertising with. G. W. Lavender	7966	11 Oct.
Postal envelope. (See Advertising.)		
Posts for gates, strained wire fencing, &c. A. Pringle	8136	12 Dec.
Post. (See also Fences, Wire fence, Wire-strainer.)		
Potassic cyanide. W. M. Mackey	7360	4 Jan.
Potato-chopper. H. Ham	7639	29 May.
Potatoes, Apparatus for planting. C. J. Tuck	7836	23 Aug.
Potato-harvester. J. N. Cocker	7725	4 July.
Potato-raiser. C. Ewen	7775	25 July.
Pot-hook. J. B. Moir	7716	1 July.
Pot-lid. T. S. Philpott	7603	14 May.
Pot-stirrer. F. Gorten	7516	27 March.
Precious metals. (See Metals.)		
Preserving by cold, Process for. J. D. Postle	7862	31 Aug.
Preserving meat by electricity, Process for. E. Waters	7759	19 July.
Preserving merchandise, Boxes for. M. M. Henderson, C. Watson, and G. Fullerton	7786	2 Aug.
Preserving fresh food, Process for. J. Harrison	7821	16 Aug.
Preserving perishable articles. C. F. Buckley	7606	15 May.
Preserving. (See also Cooling, Freezing, Refrigerator.)		
Press, Ensilage-. J. Keir	8025	31 Oct.
Presser-screw for bagging chaff. J. Gray	7919	13 Sept.
Presses for stamping or moulding metal sheets. T. Thoms	7546	18 April.
Presses. (See also Cheese-press, Ensilage-press, Moulding-press, Platen-press, Printing press.)		
Pressing. (See also Compressing.)		
Printing-presses, Apparatus for feeding paper to. J. J. Allen	7492	20 March.
Printing. (See also Butter-printing.)		
Prints, Production of, by photography. W. F. Greene	8072	20 Nov.
Produce, perishable, Process and apparatus for transportation of. P. N. Jenkins	7839	24 Aug.
Propelling ships, Apparatus for. W. M. Gilbertson	8003	23 Oct.
Propellor, Vessel. F. G. Sherer	7754	19 July.
Propellor, Collapsible. J. Metzger	8161	20 Dec.
Protector for elastic-tires. J. A. Belk	7461	1 March.
Pullers, Machine for testing strength of. A. J. Cumming	7547	17 April.
Pulverizing- and amalgamating-pans. A. E. Langley and A. A. Lockwood	7975	10 Oct.
Pulverizing attachment to ploughs. M. Smith	8069	18 Nov.
Pumping or raising water. G. Lansell	7440	21 Feb.
Pumps, Double-action wing. J. Bigwood	7909	19 Sept.
Pump. G. F. Litchfield	7564	24 April.
Pump. (See also Kerosene-pump, Raising water.)		
Quartz-crushing machine. J. Robinson	7972	12 Oct.
Quartz-crushing stamp-battery. T. Eynon	7563	24 April.
Rabbit-destructor. W. G. Stronach	7383	18 Jan.
Rabbit-destructor. J. Anderson	7877	2 Sept.
Rabbits and hares, Crate for packing. F. J. Sullivan	7653	5 June.
Rabbits, Methods of entrapping. A. H. Robinson	7447	21 Feb.
Rabbit-poison. F. H. Daniel	7798	6 Aug.
Rabbit-traps. A. Porter	7559	22 April.
Rabbit-trap. W. Mason and J. Watson	7593	11 May.
Rabbit-trap. J. N. and C. B. Duff	7677	10 June.
Rabbit-trap. A. King	7737	8 July.
Rabbit-traps. A. Porter	7770	22 July.
Rabbit-trap. H. L. Mainland	7800	3 Aug.
Rabbit-trap. J. Campbell	7842	19 Aug.
Rabbit-traps. J. H. and S. Collett	7844	23 Aug.
Rabbit-trap. (See also Animal-trap.)		
Rabbit-trapping fence, Automatic. T. L. Baker and J. H. Cobb	7367	10 Jan.
Races, Apparatus for starting. P. J. Murtagh	7412	8 Feb.
Races, Apparatus for starting. R. Bright	7453	26 Feb.
Race, Hydraulic sluicing-. E. R. Groves	7355	3 Jan.
Race-recording machine. J. Gaut	8015	29 Oct.
Race-starting apparatus. J. Rose	7806	7 Aug.
Race-starting apparatus. T. Roberts	8153	18 Dec.
Race-starting machine. R. E. McRae and H. E. Good	7565	25 April.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Race-starting machine. R. E. McRae and H. E. Good	7633	27 May.
Race-starting machine. J. Lewis and J. C. Cooper	7483	12 March.
Race-starting machine. P. J. Murtagh	7750	17 July.
Race-starting machine, clothes-line, &c., Combined. C. Snowden	7398	30 Jan.
Race-starting machine. H. Shattky and F. Saunders	7476	8 March.
Race-starting machine. J. Rose	7566	23 April.
Race-starting machine. H. Shattky	7682	13 June.
Race-starting machine. J. E. Harris	8146	16 Dec.
Racing. (See also Monocycle racing-machines.)		
Rack for soap- and blue-bag. A. H. Light	7514	29 March.
Racking liquids, Apparatus for. W. C. Savage	7632	25 May.
Rafting logs, Toggle-bar for. J. A. Walker	7833	19 August.
Railways. W. F. Hutchinson	7607	15 May.
Railway-cycle. E. W. Rudd and S. S. Stedman	7773	25 July.
Railways, Fish-joint for. M. Belk	7356	3 Jan.
Railway, Switchback. L. and H. G. Bedell	7405	4 Feb.
Railway-trains, Lessening vibration of. H. Ashworth	7895	17 Sept.
Railway-trucks, Method of transferring goods from. W. T. Dale	7911	21 Sept.
Railway wooden-sleepers, Method of treatment for preserving. E. Smethurst	7998	21 Oct.
Railways. (See also Recording number of passengers, Rolling-stock.)		
Raisin-seeding machine. C. Bristow	8125	7 Dec.
Raising and lowering furniture, Appliance for. W. J. Dalton	7394	25 Jan.
Raising liquids, Apparatus for. J. Le Michel	8167	30 Dec.
Raising water by compressed air, Method of. G. Lansell	7426	14 Feb.
Raising water by compressed air, Method of. G. Lansell	7684	17 June.
Raising water. (See also Pump.)		
Range-boiler. J. Troup	7574	30 April.
Ranges, Cooking. R. Brinsley and A. G. Christopher	7740	11 July.
Rat-trap. A. E. Brown	7711	27 June.
Rat-trap. W. Tyree	7951	4 Oct.
Rat-trap. (See also Animal-trap, Spring-trap, Vermin-trap.)		
Reapers and binders, Apron for. J. Lyons and W. Taylor	8149	16 Dec.
Reapers and binders, Canvas conveyor for. J. O'Neill	7416	9 Feb.
Recording number of passengers, &c., Apparatus for. A. Gajardo	7549	20 April.
Recovery of gold and silver. (See Gold.)		
Refrigerating-machine. T. Stevenson and J. B. Morrison	7504	22 March.
Refrigerator. C. J. S. Lambert and W. Cook	7793	3 August.
Refrigerator. J. McGregor	7535	1 April.
Refrigerators for milk, &c. B. Böggeld	7368	11 Jan.
Refrigerating. (See also Cooling, Freezing, Preserving.)		
Revolvable double fire-grate. L. Davies and A. le C. de Lantreppe	7557	19 April.
Ring. (See Finger-ring.)		
Rinks. (See Ice-rinks.)		
Rock-drills. G. B. and H. P. Jones	7437	21 Feb.
Roller-blinds, Attachment for. W. E. C. Osborne	7876	31 August.
Roller pothook, and hanger. J. B. Moir	7716	1 July.
Rolling-stock for single-rail tramways or railways. C. Ewing	7488	16 March.
Roofing nail, double-flanged head. C. L. Croxford	7853	24 August.
Roofs. (See Spouting.)		
Ruler and blotting-roller, Combined. H. O. Brown	7695	21 June.
Rusticated weatherboard, Double rebated. P. W. Croker	8158	19 Dec.
Rusticated weatherboarding, Joint for. W. A. Waddell	7965	10 Nov.
Saccharine, Method of manufacture, &c. W. Salamon and Co. (Limited)	8142	14 Dec.
Sack-filling and sewing-machines. A. T. Timewell	7756	19 July.
Sack-holder. G. A. Chapman	7460	28 Feb.
Saddles, side-, Heads for. A. V. Philip	8023	29 Oct.
Saddle for velocipedes or bicycles. H. M. and J. Copeland	8133	10 Dec.
Safe. (See Cool safe, Ice-safe.)		
Safety explosive. J. A. Wallace	7685	19 June.
Safety valves, Spring for. J. Smaill	7553	22 April.
Sails, Diagonal. C. Reynolds	8139	9 Dec.
Sand blast. E. Jones	7865	4 Sept.
Sanitary-closet appliance. H. Benjamin and C. W. Anderson	7429	15 Feb.
Saponaceous matters from petroleum. C. Weygang	7478	12 March.
Saponaceous matters from wool, Process for collecting. A. R. Harold	7857	31 August.
Sash. (See Window-sash.)		
Saving fine gold, Method of. G. Munro	7423	13 Feb.
Saving fine gold, Method of. R. Langford and W. Eckersley	7473	6 March.
Saving gold from quartz-reefs, Method of. D. H. Patti	7597	13 May.
Saving gold. (See also Gold.)		
Scale weighing-machines, Automatic. E. C. Chard	7379	18 Jan.
Scarifier or pea-cutter. R. H. Harper and J. Cockerell	7897	18 Oct.
School-orrery. W. Cooper	7991	15 Oct.
Screen. (See Seed-cleaning screen.)		
Screw churn. W. Carr	8105	20 Nov.
Scrub-puller. R. N. Saunders and T. G. Lawless	7582	4 May.
Sealing hermetically metal boxes, &c., Method of. A. G. Buttifant and J. Gersant	7498	20 March.
Seal-locks. J. Anschau	7562	24 April.
Seed-cleaning apparatus. W. Andrews and A. W. Beaven	7881	5 Sept.
Seed-cleaning screen. W. Andrews and A. W. Beaven	7675	11 June.
Seed-cleaning, dressing, and separating machines. W. Andrews and A. W. Beaven	7910	18 Sept.
Seed-cleaning, polishing, and separating machinery. W. Andrews and A. W. Beaven	8064	16 Nov.
Seed-separating machine. J. Osborne	7581	7 May.
Seed-separating machine. T. E. Kilworth	7611	14 May.
Seed-threshing, shelling, and dressing machines. F. W. Anderson	7392	24 Jan.
Seed-threshing machine. J. McKenny and R. Martin	7854	30 Aug.
Seed-threshing machine. J. McKenny and R. Martin	7915	23 Sept.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Seed. (See Grass-seed.)		
Seeding-implements, Force-feed for. A. Storrie	8077	19 Nov.
Separating gold and silver from other materials, Process for. N. S. Keith	7481	12 March.
Separation of gold, Apparatus for. C. Phillips	7728	4 July.
Separating metals from blends, Process for. M. A. J. Roux	7458	28 Feb.
Separating precious metals from ores, Process for. L. Pelatan and F. Clerici	7874	3 Sept.
Separating. (See also Concentrator, Gold, Metals, Winnowing.)		
Separator. (See Centrifugal separator, Cream-separator, Seed-separator.)		
Sewers, Appliances for flushing. H. Thomson	8041	6 Nov.
Sewer-outlets. (See Stair-treads.)		
Sewing-machines. Self-threading Sewing-machine Company	7970	12 Oct.
Sewing-machine. (See also Turn-shoe sewing-machine.)		
Shale. (See Kerosene-shale.)		
Shears for wool and hair. G. Bowmar	7465	4 March.
Shearing-machine. E. W. C. Cox and G. Bowmar	8073	20 Nov.
Shears. (See also Sheep-shears.)		
Sheep, Apparatus for dipping. A. McRae	7538	8 April.
Sheep, Ear-mark for. A. L. Macdonald	7542	10 April.
Sheep-medicine. H. Abbott	7377	17 Jan.
Sheep-medicine. (See also Cure, Foot-rot.)		
Sheep-races. J. Brown	7610	9 May.
Sheep-shears, Apparatus for actuating. E. A. Whitehead and W. P. MacGregor	7358	4 Jan.
Sheep-shears. J. Crawley	7366	9 Jan.
Sheep-shearing machine, Electric. J. B. Jackson	8005	26 Oct.
Ships, Apparatus for propelling. W. M. Gilbertson	8003	23 Oct.
Ships' boats, Apparatus for launching. W. Tyree	7742	12 July.
Ships' boats, Davits for putting out. H. McGilvray and A. Dray	7503	21 March.
Ships, Method of diminishing friction on. W. Haines	8016	30 Oct.
Ships. (See also Boats, Chocks, Davits, Launching boats.)		
Shoe. (See Boots and shoes, Horse-shoe, Log-shoe, Ventilating-shoe.)		
Shower-bath or fire-extinguisher. B. Hindle	7517	27 March.
Silo. (See Ensilage-press.)		
Silver. (See Gold and silver.)		
Skins. (See Hides and skins, Tanning.)		
Slate-pencil-sharpener. H. L. Cottrell	7502	19 March.
Slasher. A. M. Martin	7521	30 March.
Slaughtering-machine. J. Lothian and G. Watson	7994	15 Oct.
Sleepers. (See Railway.)		
Slop-pail. R. Wallace and G. Preddey	7996	22 Oct.
Sluicing-race, Hydraulic. E. R. Groves	7355	3 Jan.
Smoke-consumer, Locomotive. E. Hayes	7777	29 July.
Smoking-pipes. H. Dixon	7483	20 Feb.
Sock or slipsole, Pneumatic. S. Smith	8126	6 Dec.
Soldering-irons. J. Davies	7462	27 Feb.
Soldering-iron. W. Stevenson	7778	23 July.
Solution for illuminant mantles for gas-burners. W. Hooker	8010	28 Oct.
Soot and smoke, Method of reducing in furnaces. G. Lindsay	8138	12 Dec.
Sorting. (See Coin-sorting.)		
Sowing manures, Canister for. T. E. Sapwell	7499	15 March.
Spade and poison-layer, Combined. H. Mackay and R. Bright, jun.	7615	20 May.
Spark-arrester. G. Bristow	7619	18 May.
Spectacles. F. M. Gorten	7973	16 Oct.
Speed-increaser for ocean vessels. E. Hayes	7814	14 Aug.
Spiced butter. S. Armstrong	7812	8 Aug.
Splasher. (See Wall-splasher.)		
Spoon- or fork-holder. T. G. Vinson	7873	11 Jan.
Sportsmen, Inanimate objects for. A. N. Whitney	7541	5 April.
Spouting for roofs. J. G. Bentley	7880	5 Sept.
Spouting-dies. (See Dies.)		
Spout. (See Eaves, Spout.)		
Sprayer. (See Fruit-tree sprayer, Garden spraying-machine.)		
Spring Furniture. W. Angell	7705	24 June.
Spring-mattress. Hygienic Spring-mattress Company	7768	25 July.
Spring-tines for cultivators. J. C. McBeath	7902	17 Sept.
Spring-tine cultivators, Twitch-knife attachment to. P. and D. Duncan (Limited)	7955	3 Oct.
Stair-treads, Landings, subways, sewer outlets, &c. J. T. Andrews	7480	12 March.
Stamp batteries. A. G. Saunders	7723	4 July.
Stamp batteries. N. J. Suckling	7718	4 July.
Stamp mills, Fastening device for cams of. E. A. Blanton	7605	15 May.
Stamps. (See Battery, Electrical, Gold, Pneumatic, Postage, Quartz.)		
Staple-hammer. R. L. Christie	7714	1 July.
Staple for wire fencing. C. H. O'Dwyer	8066	19 Nov.
Starting arrangement for gas- and petroleum-engines. A. Niemczik	7487	14 Mar.
Starting-machine. (See also Race-starting machine.)		
Starting syphons, Apparatus for. W. Morton	7642	27 May.
Stay. (See Ladder-stay.)		
Steam-boilers and furnaces. Richardson and Schroeder Patent Smoke-consuming, Fuel-economizing, and Steam-boiler Company (Limited)	7434	20 Feb.
Steam-boilers. (See also Boilers.)		
Steam tubular boilers. L. G. Roope and J. Sheppard	8101	27 Nov.
Steam-engines. J. S. Raworth	8137	10 Dec.
Steam-engines. (See also Governor.)		
Steel and iron, Process of manufacturing. B. P. Stockman	7660	7 June.
Stereotyping. (See Flongs.)		
Sterilising milk, &c., Process and apparatus for. J. H. Kitson	7545	18 April.
Stirrup-bar. A. V. Philip	8024	29 Oct.
Stomach-worm mixture. J. Tindall	7377	17 Jan.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Stopper. (See Bottle-stopper.)		
Stoves, Cooking. A. Selby	7783	1 Aug.
Strainer. (See Bucket and strainer, Clothes-line, Wire-strainer.)		
Street-cleaning. (See Mud-lifting machine.)		
Strength-testing appliance. A. J. Cumming	7547	17 April.
Structural arrangement for flooring, walling, &c.	7634	27 May.
Stumping-machine. R. Burton	7924	27 Sept.
Stump-extractor. J. C. Husband	8031	5 Nov.
Subways. (See Stair-treads.)		
Sulphuric or other acids, Method of transporting. T. R. Eardley	7782	1 Aug.
Sump-grating cleaning apparatus. R. Andrewartha	7589	10 May.
Surfaces, Apparatus for applying paints and varnishes to. H. C. Cleaver	7907	19 Sept.
Surveying-instruments, Levelling and traversing heads for certain. A. I. Littlejohn and P. Still	7665	11 June.
Surveying. (See also Traverse co-ordinate reducing-machine.)		
Swimming, Devices for facilitating. A. Pringle	8081	23 Nov.
Switchback railway. L. and H. G. Bedell	7405	4 Feb.
Syphon for kerosene-lamp. A. L. J. Tait	7464	26 Feb.
Syphon-starter. W. Morton	7642	27 May.
Syphon-pump, Kerosene. D. Dunn	8040	6 Nov.
Table, Electro-medico combination. A. Leslie	7370	12 Jan.
Tables. (See also Billiard-tables, Drawing-tables, Extension-tables.)		
Table-plate, Advertising. H. W. Atkinson	7838	24 Aug.
Tanning. (See Hides and skins.)		
Tap for kerosene-tins. H. Credgington	7784	1 Aug.
Tap for kerosene-tins. A. Tod, G. Barnes, and J. B. G. Zwicker	8118	6 Dec.
Tap. (See also Valve.)		
Tea-measure. A. L. J. Tait	7764	18 July.
Teat-cups of milking-machines. J. Hartnett and D. M. Robison	7544	10 April.
Telegraphic relays. A. D. Macdonald	7612	16 May.
Telephone apparatus. P. Rabbidge	7496	20 March.
Telephonic instrument for use on poorly-insulated lines. P. Rabbidge and G. Dillberg	7785	1 Aug.
Tellurian. H. Bennett	8000	25 Oct.
Temperature-exchanger. A. M. Nicholas	7885	10 Sept.
Tents. R. Irvine, jun.	8147	19 Dec.
Tents. (See also Umbrella-tents.)		
Tester. (See Egg-tester.)		
Testing strength of pullers, Machine for. A. J. Cumming	7547	17 April.
Testing whether wool is wet or dry, Instrument for. J. M. Toomey, W. F. Schey, and W. Anderson	7508	27 March.
Thinning crops sown in drills, Apparatus for. J. A. Hurley	8042	4 Nov.
Threshing-machines, Chaff-discharge for. J. Gray	7903	16 Sept.
Ticket, Flag-station and excess. W. Shields	7673	25 May.
Ticket. (See also Train-ticket.)		
Tiles, Apparatus for moulding. A. Weil and W. Prasse	7690	20 June.
Tiles. (See also Bricks.)		
Time-table. G. V. Hudson	8076	21 Nov.
Tin-opener. F. V. Raymond	7830	19 Aug.
Tin-opener. F. V. Raymond	7831	19 Aug.
Tine, or tooth, for cultivating and spring-toothed implements. C. McLeod	7361	4 Jan.
Tine. (See also Cultivator, Spring-tine, Twitch-knife.)		
Tip-basin and frame. W. A. E. Glendinnen	7850	26 Aug.
Tires, elastic, Protector for. J. A. Belk	7461	1 March.
Tire for vehicles. W. Haines	7825	19 Aug.
Tire-spring, Steel. W. G. Crossley	7766	11 July.
Tobacco-box and cutter. D. Lea and C. A. Pownall	8057	14 Nov.
Tobacco-cutter, Pocket. C. C. Morris	7386	23 Jan.
Toe-guard for boots. R. Bone	7520	29 March.
Toggle-bar for rafting logs. J. A. Walker	7833	19 Aug.
Torpedo-boat, Submarine. A. J. B. Body	7883	7 Sept.
Totalisators. R. M. Macdonald	7432	18 Feb.
Totalisators. R. M. Macdonald	7529	4 April.
Totalisator. J. Copeland	7702	25 June.
Totalisators, Mechanism for operating. H. J. Cunnington	8011	25 Oct.
Totalising apparatus for use in betting on the <i>pari-mutuel</i> system. L. P. Monier and G. Gloeckler	7943	1 Oct.
Totalling- and counting-machine. J. Greenslade	7502	8 Aug.
Toxa compound, Apparatus for laying. B. de Ferrers	8110	5 Dec.
Toy. (See Mechanical toy.)		
Traces. (See Collar.)		
Traction-engines. D. Best	7875	3 Sept.
Traction-engines, Differential gear-lock for. J. Macalister	7449	21 Feb.
Traction-engine gear. A. H. Anderson	7448	21 Feb.
Traction-engines, Governor for. H. J. and C. Topliss and J. Durward	7781	30 July.
Train-tickets, Method of advertising with. G. W. Lavender	7966	11 Oct.
Tramway-motors. R. M. Macdonald	7741	12 July.
Tramways. (See Rolling-stock.)		
Traps. (See Animal-trap, Rabbit-trap, Rabbit-trapping fence, Rat-trap, Trap for drains, Vermin-trap.)		
Traverse co-ordinate reducing-machine. P. W. M. Holt	7738	15 July.
Traversing- and levelling-head for theodolites. A. I. Littlejohn and P. Still	7665	11 June.
Trees, Cleansing from parasites. W. Wheelband	7980	16 Oct.
Trees. (See also Fruit-tree sprayer, Garden spraying-machine.)		
Triturating and amalgamating gold and silver ores, Apparatus for. W. H. Richardson and G. T. Penny	7457	28 Feb.
Triturating. (See also Gold.)		
Trough. (See Feeding-trough.)		
Trousers, Self-supporting. W. H. Marsden	7944	3 Oct.
Tubular air-cushion for billiard-tables. C. W. Constable	7463	25 Feb.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued*.

Invention and Name of Inventor.	No.	Date.
Tumbler for dredging-machine. D. Williams	7694	21 June.
Turnip-thinner and -scarifier. H. Hunter	8144	11 Dec.
Turnip-thinner. H. H. Martin	8145	11 Dec.
Turn-shoe sewing-machine. The Cutlan Patent Sew-round Machine Syndicate (Limited)	7661	7 June.
Twitch-knife attachment for spring-tine cultivators. P. and D. Duncan (Limited)	7955	3 Oct.
Typewriter. G. F. Hawkins	7369	11 Jan.
Typewriting-machine. W. Edwards and E. A. Jeffreys	7667	11 June.
Umbrella-tents and -holders for tent and other umbrellas. R. Irvine, jun.	8147	19 Dec.
Vacuum bottling-machine. J. T. Kofoed	7406	14 Jan.
Valve, Automatic steam, for turbine cream-separators. D. C. Streeter	7532	3 April.
Valve. (See also Governor valve, Safety-valve, Tap, Water-tap.)		
Vapours, Appliance for inhalation of. J. H. Reed and T. Bury	7752	19 July.
Vapour- or gas-motors, Gearing for. G. Aickin and R. Caldwell	7898	16 Sept.
Varnishes, Apparatus for applying to surfaces. H. C. Cleaver	7907	19 Sept.
Vehicles, Apparatus to assist tractive power in starting. C. H. Mason	8062	14 Nov.
Vehicles, Brake for. W. Reeves	8007	26 Oct.
Vehicles, Lever- and body-rest for. J. Fogarty and W. T. Widdowson	7450	21 Feb.
Vehicles, Means of connecting draught animals to. T. H. Brigg	7939	2 Oct.
Vehicles, Two-wheeled. J. A. Berg	8020	31 Oct.
Vehicles, road, Brakes for. M. Belk	7526	1 April.
Vehicles. (See also Axle-box, Brake, Buggy, Carriage, Perambulator, Phaeton, Seat, Tire.)		
Velocipedes, Brake for. J. M. Muir and A. J. W. Munden	7743	11 July.
Velocipedes, Saddle for. H. M. and J. Copeland	8133	10 Dec.
Velocipede-wheels. C. K. Welch	7363	5 Jan.
Venetian-blinds. H. Shute	7396	30 Jan.
Venetian-blinds, Clip for. S. P. Clements	7528	2 April.
Ventilated ceilings for dairy factories. H. L. Mainland	7403	29 Jan.
Ventilating boot or shoe. J. Crichton	7984	16 Oct.
Ventilating waterproof garments, Method of. J. Rittenberg	7920	23 Sept.
Ventilation apparatus. J. Curtin	7459	28 Feb.
Ventilators. J. Gall	7745	16 July.
Ventilator for windows. J. Rumgay	8093	27 Nov.
Vermin-trap. W. Tyree	7663	11 June.
Vessels, Rig for sailing of. J. Sinclair	8026	31 Oct.
Vessels, Speed-increaser for. E. Hayes	7814	14 Aug.
Vest or jacket capable of being inflated. J. Preece, A. Cadwallader, and H. J. Fletcher	8163	23 Dec.
Vinegar and process of manufacturing same. A. H. Hansen	7527	2 April.
Wall-spasher, Advertising. W. M. Jameson	7636	28 May.
Washing clothes, Apparatus for use in. G. E. Dransfield	7956	4 Oct.
Washing clothes, Detergent for. E. H. Featon and E. V. Luttrell	7905	20 Sept.
Washing-coppers, Cover for. J. Valentine	7699	24 June.
Washing-machine. R. B. Williams	7421	11 Feb.
Washing-machine. S. Cossgrove	7548	17 April.
Washing-machine. G. T. Smith, H. G. Johnson, and A. A. Adolph	7724	4 July.
Washing. (See also Bottle-washer, Keg-washing, Wool-washing.)		
Water-closet. (See Closet.)		
Water-distributor. J. W. Brandreth	8059	13 Nov.
Water-distributor. (See also Nozzle.)		
Water-filter. B. J. Westbrooke	7847	24 Aug.
Water-heater. J. Nicol	7900	19 Sept.
Waters. (See Aërated waters.)		
Water-heater. J. Brimble, jun.	7928	21 Sept.
Waterproof cleaning- and polishing-glove. J. S. Scarr	8038	5 Nov.
Waterproof garments, Method of ventilating. J. Rittenberg	7920	23 Sept.
Waterproofing matches, New method of. A. S. Ford	7795	5 Aug.
Water-raising, Apparatus for. G. Lansell	7426	14 Feb.
Water-raising or pumping, Apparatus for. G. Lansell	7440	21 Feb.
Water-raising, Appliances for. G. Lansell	7684	17 June.
Water-raising. (See also Pumps.)		
Water-tap or valve. J. Anderson	7454	23 Feb.
Wax-matches. Diamond Match Company	7696	22 June.
Weatherboard, Double rebated rusticated. P. W. Croker	8158	19 Dec.
Weatherboarding-joint. F. de J. Clere	7500	22 Mar.
Weatherboarding, rusticated, Joint for. W. A. Waddell	7965	10 Oct.
Weeds, Composition for destruction of. W. T. Owen	8080	23 Nov.
Weighing carcases of meat on rail-track, Appliance for. G. Anderson	7414	7 Feb.
Weighing-machines, Automatic scale. E. O. Chard	7379	18 Jan.
Wet gas-meters. W. Cowan and W. J. Warner	7491	20 Mar.
Wheel and axle, Metallic. J. Davis	7989	18 Oct.
Wheel. (See also Ferris-wheel.)		
Wicks, Non-combustible, and lamps for same. J. A. Pike and G. Aitkens	7420	13 Feb.
Wicks. A. E. Woodhouse	8052	8 Nov.
Windguard for cycles. F. Cooper	7376	16 Jan.
Windmill. J. G. Oates	7995	22 Oct.
Windmills, Gearing for. H. Greig	7776	27 July.
Windmill or wind-motor. H. Hughes	8084	25 Nov.
Window-curtains, Apparatus for hanging. W. Tyree	7688	19 June.
Window-fastenings. R. C. Norman	8075	20 Nov.
Windows, Fittings and fastenings for. F. Phelps and P. Daw	7533	4 April.
Window-frames and sashes. J. W. McDougall	7936	30 Sept.
Window-sashes. W. Bennett	7958	7 Oct.
Window-sash adjuster. W. E. Richardson	7590	7 May.
Window-sashes, Appliance to prevent rattling. J. Mitchell	8151	17 Dec.
Window-sash fastener. C. Dargie and S. Cooke	7510	27 Mar.
Window-sash fastener. W. Andrews	7922	26 Sept.
Window-sash fastener. D. D. McKenzie	7946	4 Oct.
Window-sash fastener. J. Rumgay	8092	27 Nov.

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued*.

Invention and Name of Inventor.	No.	Date.
Window-sash frames for sliding sashes. J. W. McDougall	7937	30 Sept.
Window-sash lock. A. Wylds, W. Wakely, and A. Peddie	7837	24 Aug.
Window-sashes, Method of reversing. J. B. Robbie	7505	15 Mar.
Window-ventilator. J. Rumgay	8093	27 Nov.
Window-wedge, Eccentric. J. B. Leatherbarrow	7706	27 June.
Winnowing, dressing, and separating-machine. H. Hall	8046	6 Nov.
Wire fence straining-gear. C. P. W. Longdill	7390	25 Jan.
Wire fences. (See also Fence, Post, Wire-holder, Wire-strainer, Wire-tightener.)		
Wire-fencing, Staple for. C. H. O'Dwyer	8066	19 Nov.
Wire-holder (fencing wire.) J. Macalister	7730	2 July.
Wire-strainer. J. Crawley	7357	3 Jan.
Wire-strainer. W. Page	7417	13 Feb.
Wire-strainer. A. Sutherland	7422	12 Feb.
Wire-strainer. F. J. King	7427	14 Feb.
Wire-strainer. G. E. Humphries	7475	9 March.
Wire-strainer. J. Smith	7594	9 May.
Wire-strainer, Self-fitting. S. Graham	7709	25 June.
Wire-strainer and -repairer. W. Page	7710	29 June.
Wire-strainer. R. L. Christie	7715	1 July.
Wire-strainer. J. Arnaboldi	7746	11 July.
Wire-strainers. J. McCreath	7961	7 Oct.
Wire-strainer, Compound. A. Horne	8022	1 Nov.
Wire-strainers. J. Dalziell	8047	6 Nov.
Wire-strainers. C. A. Bergersen	8049	9 Nov.
Wire-tightener. E. S. McGill	8029	31 Oct.
Wood-block paving. W. Duffy	7524	1 April.
Wood-working machinery. A. Stuart	7870	4 Sept.
Wool, Means of discharging from wool-washing apparatus. W. Dalrymple	7575	3 May.
Wool, Instrument to determine whether wet or dry. J. M. Toomey, W. F. Schey, and W. Anderson	7508	27 March.
Wool-shearing or hair-clipping machines. H. W. C. Cox and G. Bowmar	8073	20 Nov.
Wool, Shears for. G. Bowmar	7465	4 March.
Wool, raw, Method of treating with solvents. E. Maertens	7892	14 Sept.
Wool. (See also Clipping, Shearing.)		
Wringers. W. T. Bradley, M. R. Jewell, and C. E. Jewell	7630	25 May.
Writer. (See Typewriter.)		
Writing, Apparatus for teaching. W. Tyree	7739	11 July.
Yachts, Moorings for. J. C. Freeth and C. G. Allen	7977	16 Oct.
Yeast, Process for manufacturing. J. Dick	7959	7 Oct.
Zinc-bearing ores, Process for electrolytic and leaching treatment of. E. A. Ashcroft	7985	18 Oct.
Zinc, Process and apparatus for production of, from its ores. O. Frölich	8036	5 Nov.

Approximate Cost of Paper.—Preparation, not given; printing (1,425 copies), £28 7s.

By Authority: JOHN MACKAY, Government Printer, Wellington.—1896.

Price, 1s.]