

1904.
NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE MARKS :

FIFTEENTH ANNUAL REPORT OF THE REGISTRAR.

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

I HAVE the honour to submit my report on the operations of the Patents, Designs, and Trade Marks Office for the year ended the 31st December, 1903.

The increase in the business of the office is again very noticeable, the number of applications exceeding by 206 the number for 1902, and by 566 the number for any other year.

The amount collected in fees was £5,290 2s. 7d., £1,290 19s. 4d. (32·17 per cent.) more than in the preceding year.

This large increase is due partly to the rapid growth of the business of the office and partly to the fees (£671) for the renewal of trade marks registered before the commencement of the present Act on the 1st January, 1890, being payable last year. As the renewal fees of marks registered under that Act are now due fourteen years from the date of registration, the amount payable in any one year will not for some time to come be so great as that shown for last year.

Apart from the amount for renewal fees, the increase in revenue was £619 19s. 4d., or 15·5 per cent. more than the revenue for 1902.

The progress of the office since the commencement of the present Act on the 1st January, 1890, is illustrated by the following figures:—

Year.					Applications.	Revenue.		
						£	s.	d.
1890	...	...	...	...	781	1,914	13	10
1895	...	...	...	...	1,084	2,170	9	6
1900	...	...	...	...	1,372	3,396	17	3
1903	...	...	...	...	2,077	5,290	2	7

The whole cost of working, including printing, &c., was £1,657 1s. 5d., £312 4s. 4d. more than last year. This increase is chiefly accounted for by the extra cost of the *Patents Gazette*, due to printing the drawings of inventions, £152 19s. 6d.; additional fees to Patent Office Agents, £52 15s.; classifying specifications, £13 10s.; and increases in salaries of the ordinary staff of the office, £35.

It will be noticed that £676 13s. (40·8 per cent.) of the total expenditure is in respect of work done by the Government Printing Office.

PATENTS.

During 1903 1,604 applications were received. This number exceeds by 173 the number for 1902, and by 490 the total for any other year.

The increasing extent to which inventors are availing themselves of the benefits of the patent law is shown by the following figures, taken at intervals of ten years from 1863, three years after the commencement of the first Patents Act in New Zealand:—

Year.					Number of Applications.			
1863	6
1873	33
1883	233
1893	625
1903	1,604

The total fees received from patents amounted to £3,964 8s. 10d., £525 6s. 7d. more than the amount paid under this head for 1902. As was the case in that year, nearly twice as many applications were lodged with provisional specifications as with complete specifications, the numbers being respectively 1,031 and 573. Two hundred and eighty-four complete specifications were left after provisional specifications, an increase of 79 on last year, and 674 Letters Patent were issued, 130 more than in 1902. The number of patents on which renewal fees were paid remained about the same. A slight increase is shown in the grants of extension of time for lodging complete specifications and paying fees, as well as in the number of assignments registered, and 90 more searches were made.

COUNTRIES FROM WHICH APPLICATIONS WERE RECEIVED.

The number of applications received from residents in the colony during 1903 was 1,064, 134 more than in the previous year. Applications from the United Kingdom increased by 12, totalling 129, 17 more than the number received from the United States, which last year showed a falling off of 17. From the Commonwealth of Australia 252 applications were received, an increase of 37; Victoria contributing 150, more than twice the number received from that State in 1901.

It is interesting to notice the large number of inventions patented by residents in this colony in other countries. British colonies and possessions sending the largest number of applications for patents to the United Kingdom last year and obtaining patents in the United States for 1902 were as follow :—

	United Kingdom.	United States.
Canada	156	392
New Zealand	130	48
Victoria	109	36
New South Wales	60	21
India	54	5

NATURE OF INVENTIONS.

The number of applications in respect of the chief classes of inventions for each of the last three years is set out in Table I. in the Appendix. It will be noticed that "Buildings" show a substantial increase of 37, due chiefly to the large number of applications for "Sash-hangers" (15) and "Artificial stone, bricks, &c." (15). There was a renewed activity in inventions for "Fencing," principally in respect of means for straining and fastening wire; and inventions in connection with "Fibre-dressing," which some time ago were very numerous, are again, with the revival of the industry, showing a decided increase. Under "Harness," "Lifting, hauling, and loading," "Locks and latches," and "Pipes," considerably more inventions were patented than in either of the two former years. The growth of the "Dairy industry" is reflected in the number of applications under this head. Out of the 53 inventions 10 are for "Separators," while 10 have been added during the year to the long list of "Milking appliances." "Railways and tramways" show an increase chiefly in respect of electric traction, and this is also the case with ordinary road vehicles.

There is a noticeable falling-off in the number of applications received under the headings of "Amusements," "Attaching," "Boilers," "Boxes," "Spark-arresters," "Bottles," "Closets," "Gas and oil engines," "Fire alarms and escapes," "Furniture," "Minerals" ("Gold-mining, &c."), while the other classes of inventions show no appreciable change.

"INTERNATIONAL CONVENTION."

The term of priority allowed under the Convention is now twelve months, and during the year Germany and Mexico acceded to it. Three applications were made by residents of other countries in accordance with the terms of the Convention for the grant of New Zealand Letters Patent—2 from the United Kingdom and 1 from the United States of America; and 1 from Victoria was antedated in accordance with sections 106 and 107 of the Act. Sixteen applications were sent under the Convention from this colony to the United Kingdom.

OPPOSED CASES.

Objections were lodged to 8 applications, 5 hearings took place, and notice of appeal to the Supreme Court was lodged in 1 case.

CLASSIFICATION OF SPECIFICATIONS.

The specifications and drawings for the twenty years from 1880 to 1899 have been classified, and as soon as they are reindexed will be bound. This will render the work of searching much easier for the public, and will also enable this office to inquire more closely than it is at present able to do into the novelty of inventions sought to be patented.

DISTRIBUTION OF INFORMATION AND FORMS.

During the year leaflets containing information with reference to the patenting of inventions, with forms of application and specification, have, by the courtesy of the Post and Telegraph Department, been distributed amongst the different money-order offices, where they can be obtained by any one requiring them. To that Department, also, as well as to the Railway Department, this office is indebted for permission to post notices at their various buildings, calling attention to the provisions for patenting inventions, &c.

LEGISLATION IN GREAT BRITAIN AND THE AUSTRALIAN COMMONWEALTH.

A change of some importance is being instituted in the practice in the United Kingdom, where no inquiry has been made hitherto into the novelty of inventions sought to be patented. A recent Act requires the office, before granting the patent, to ascertain whether the invention has not wholly or in part been patented by any one else during the past fifty years. If any such prior patent is discovered, it is the duty of the Comptroller, subject to appeal, to require a reference to the former invention to be inserted in the application, but he is not apparently entitled to reject such application (unless it is opposed), even though the invention may be quite destitute of novelty.

The New Zealand Act having been modelled on the Imperial law, it is no doubt desirable that we should conform as far as practicable to any alterations made in it; but this recent change is not, in my opinion, suitable for adoption by the colony.

Advocates of examination into novelty will doubtless regard the step as one in the right direction, but it appears to me that the benefits to be derived from such a system are not likely to justify its cost, so far, at least, as this colony is concerned.

Although this office is not required to examine into novelty, it has power to reject applications for inventions which are not new, and in many doubtful cases the records are carefully gone through to see whether the invention has not been already patented.

Applicants and their agents are, as a rule, quite willing to insert any references to former inventions the office considers desirable, and this, after all, appears to be the end sought to be obtained by the English amendment.

The Australian Commonwealth Patents Act is now in operation, and as it is of considerable interest to New Zealand inventors, I shall briefly refer to its principal provisions. The Act, while resembling the law of the United Kingdom and of this colony in certain respects, differs in some important particulars. Provisional protection is obtainable, and a patent for an improvement on an invention, called "an additional patent," may be granted for the unexpired term of the original patent. An examination is to be made to ascertain whether the invention has been previously patented, but a patent application or description of an invention published more than fifty years before the application for a patent under the new Act is not a bar to the granting of such application, unless it is shown that the prior invention has been used in Australia within the fifty years preceding the date of such application. The Commissioner has more extended powers than the Comptroller-General in England, and may, subject to appeal, refuse to grant a patent if not satisfied as to novelty, or require the insertion of a reference to any former invention.

The fees for the full term amount to £13, £5 less than the total amount in this colony. Provision is made for the conversion of State patents into Commonwealth patents, as well as for opposition, amendments, compulsory licenses, &c. The Act also provides for the application of section 103 of the Imperial Act to the Commonwealth, and it is hoped that the necessary arrangements will shortly be made by which residents of this colony and other places may be enabled to obtain priority in the filing of applications there in accordance with the International Convention.

DESIGNS.

Thirty-one applications were received for the registration of designs, 1 more than last year; and 26 designs were registered—6 in Class 1 (articles composed wholly or partly of metal), 8 in Class 2 (jewellery), 3 in Class 3 (articles composed wholly or partly of wood, bone, ivory, *papier-maché*, or other solid substances), 7 in Class 5 (articles composed wholly or partly of paper), 1 in Class 10 (millinery and wearing-apparel, including boots and shoes), and 1 in Class 13 (printed or woven designs on textile piece goods).

The fees received under this head amounted to £16. Last year the amount paid was £15.

TRADE MARKS.

The number of applications for the registration of trade marks during the year amounted to 447, as compared with 412 applications in the previous year; and 382 marks were registered, 46 more than in the previous year. The total fees received in respect of trade marks amounted to £1,287 15s. 8d.; £528 13s. 6d. was received in 1902, and the increase for the year is therefore £759 2s. 2d. During the year the fees became due on all trade marks registered before the commencement of the present Act on the 1st January, 1890, and this accounts, as I have already pointed out, for the payment of £671. As these marks will now remain in force without further payment for another fourteen years, the renewal fees in future will, as a rule, be only payable on the marks registered fourteen years ago under the present Act, and the amount paid in this respect will not, of course, be nearly so great for some time to come. I may add that of 1,222 marks registered before 1890 the fees were paid in 717 cases, and the remaining 505 marks have accordingly been struck off the Register. The assignments registered showed a considerable increase, £60 16s. being received in fees from this source, as compared with £25 10s. in 1902; and 194 searches were recorded, 78 more than in 1902. The other receipts are all slightly in excess of last year's, but none call for special comment.

GOODS FOR WHICH MARKS REGISTERED.

As usual, the greatest number of marks have been registered in Class 42, "Substances used as food," *i.e.* 86, 11 less than last year; 49 were registered in the next largest class, "Medicines," 3 more than in the preceding year; 37 in Class 45, "Tobacco," as compared with 24 in 1902; and 31 in Class 47, "Soap, candles, &c.," 6 more than in 1902. The number of applications in the various classes is tabulated in the Schedule.

COUNTRIES FROM WHICH APPLICATIONS RECEIVED.

Two hundred and nineteen applications for registration of trade marks were received from residents in the colony, 21 more than in the preceding year; 128 from the United Kingdom, 4 more than in 1902; 40 from the United States, as compared with 51 in 1902; and 51 from the Australian Commonwealth, a falling-off of 9 as compared with the number received in the previous year.

OPPOSED CASES.

Notice of opposition was lodged in nine cases, and in one case notice of appeal was given.

CLASSIFYING TRADE MARKS.

The work of classifying and reindexing trade marks has been proceeded with during the year as opportunity offered, and with the extra assistance that has been afforded the office for the purpose I trust to have some of the classes completed and available to the public during the present year.

GENERAL.

PREMISES.

The office removed in November last into rooms on the first floor of the recently erected Magistrate's Court building. These rooms are convenient to the public, and generally much better suited for the business of the office than those it has vacated.

PATENT AGENTS.

During the year two names were added to the Register, bringing the number of registered patent agents up to 54. These gentlemen now transact a large amount of business, affording efficient assistance to inventors as well as facilitating the work of the office.

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For quarter ending 31st March, 1903	1
" 30th June, "	23
" 30th September, "	48
" 31st December, "	73
K. Alphabetical List of Titles of Inventions for which Letters Patent have been applied,—	
For quarter ending 31st March, 1903	9
" 30th June, "	33
" 30th September, "	58
" 31st December, "	82
L. Alphabetical List of Applicants for Registration of Designs,—	
For quarter ending 31st March, 1903	21
" 30th June, "	45
" 30th September, "	70
" 31st December, "	92
M. Alphabetical List of Applicants for Registration of Trade-marks,—	
For quarter ending 31st March, 1903	21
" 30th June, "	45
" 30th September, "	71
" 31st December, "	93

Patent Office,
Wellington, 30th July, 1904.

F. WALDEGRAVE,
Registrar.

APPENDIX.

A.—BALANCE-SHEET of INCOME and EXPENDITURE for the Year ending 31st December, 1903.

<i>Income.</i>			<i>Expenditure.</i>		
	£	s. d.		£	s. d.
Patent fees	3,964	8 10	Salaries	621	15 8
Design fees	16	0 0	Clerical assistance	170	10 0
Trade-mark fees	1,287	15 8	Copying specifications	21	10 0
Sale of Acts, Gazettes, &c.	21	18 1	Fees to Patent Office Agents	97	17 6
			Binding printed specifications, &c., presented to office by other countries*	76	8 9
			Printing Patents <i>Gazette</i> *	500	19 6
			Other printing and binding*	82	1 0
			Stationery	17	3 9
			Typewriter	23	15 0
			Telephone	7	0 0
			Fees refunded	11	12 0
			Incidental expenses	26	8 3
			Balance for the year	3,633	1 2
	<u>£5,290</u>	<u>2 7</u>		<u>£5,290</u>	<u>2 7</u>

* Printing and binding done by Government Printing Office.

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

Year.	Receipts.		Expenditure.		Surplus.		Year.	Receipts.		Expenditure.		Surplus.	
	£	s. d.	£	s. d.	£	s. d.		£	s. d.	£	s. d.	£	s. d.
1896 ..	2,583	0 6	564	6 10	2,018	13 8	1900 ..	3,396	17 3	1,027	5 8	2,369	11 7
1897 ..	3,183	9 0	574	15 2	2,608	13 10	1901 ..	3,366	12 4	1,205	15 2	2,160	17 2
1898 ..	2,824	9 0	623	1 11	2,201	7 1	1902 ..	3,999	3 3	1,344	17 1	2,654	6 2
1899 ..	3,102	2 6	851	2 6	2,251	0 0	1903 ..	5,290	2 7	1,657	1 5	3,633	1 2

NOTE.—Printing, binding, and other items now debited to the office were not in former years brought to charge.

C.—PARTICULARS of FEES received from the 1st JANUARY to the 31st DECEMBER, 1903.

	Number.	Fees. — Each.	Amount received.
PATENTS.			
Applications for patents with provisional specifications	1,031	£ s. 0 10	£ s. d. 515 10 0
Applications for patents with complete specifications	573	0 10	286 10 0
Complete specifications left after provisional specifications	284	0 10	142 0 0
Applications to amend specifications	7	1 0	7 0 0
Issue of letters patent	674	2 0	1,348 0 0
Issue of duplicate letters patent	1	2 0	2 0 0
Renewal fees before end of fourth year from date of patent	174	5 0	870 0 0
Renewal fees before end of seventh year from date of patent	52	10 0	520 0 0
Notices of opposition	8	0 10	4 0 0
Hearing objections	5	2 0	10 0 0
Applications for enlargement of time for deposit of complete specifications	24	0 10	12 0 0
On grant of such enlargement	22	1 0	22 0 0
Applications for enlargement of time for payment of fees	29	0 10	14 10 0
On grant of such enlargement	28	1 0	28 0 0
Notices of appeal to Supreme Court against decisions of Registrar	1	1 0	1 0 0
Searches	430	0 1*	21 10 0
Registration of assignments and licenses	98	0 10	49 0 0
Certificates of such registration	59	0 10	29 10 0
Copies of specifications and drawings .. .. .	..	†	65 11 3
Certifying copies .. .. .	..	..	0 15 0
Correction of clerical errors in specifications, &c.	13	0 5	3 5 0
Registration of Patent Agent	2	1 1	2 2 0
Miscellaneous .. .. .	..	..	10 5 7
			£3,964 8 10
DESIGNS.			
Applications for registration of designs	31	0 10	15 10 0
Search designs .. .. .	..	0 5	0 5 0
Miscellaneous .. .. .	..	..	0 5 0
			£16 0 0
TRADE-MARKS.			
Applications for registration of trade-marks	447	0 5	111 15 0
Registration of trade-marks	382	1 0	382 0 0
Registration of assignments .. .. .	..	£1 & 2s.	60 16 0
Certificates of such assignments	111	0 5	27 15 0
Notices of opposition	9	1 0	9 0 0
Notices of appeal to Supreme Court	1	1 0	1 0 0
Cancellation of trade-marks	4	0 5	1 0 0
Renewal of registration .. .. .	..	..	671 0 0
Altering address on register	6	0 5	1 10 0
Requests to correct clerical errors	11	0 5	2 15 0
Copies of duplicate certificates .. .. .	..	..	1 12 6
Searches	194	0 1‡	9 14 0
Advertisements: Cost of extra space in <i>Gazette</i> .. .. .	..	..	7 16 0
Miscellaneous .. .. .	..	..	0 2 2
			£1,287 15 8

* Per hour.

† 3d. per folio of 72 words; 1s. per sheet, drawings.

‡ For quarter of an hour.

D.—STAFF of OFFICERS, and SALARIES.

	£	s.	d.
Registrar*	Nil.		
Deputy Registrar	275	0	0
Clerk	Vacant.		
Clerk	140	0	0
Cadet	75	0	0
Messenger	150	0	0
Office-cleaner	11	5	0

* Also Under-Secretary for Justice.

£651 5 0

E.—TOTAL NUMBER of APPLICATIONS for PATENTS, and REGISTRATION of DESIGNS and TRADE MARKS, recorded for the Years 1890 to 1903 inclusive.

Year.	Patents.	Designs.	Trade-marks.	Total.
1890	616	5	160	781
1891	589	4	225	818
1892	606	10	290	906
1893	625	1	325	951
1894	756	15	347	1,118
1895	816	14	254	1,084
1896	992	27	279	1,298
1897	1,093	13	361	1,467
1898	1,021	10	343	1,374
1899	992	12	328	1,332
1900	1,009	15	348	1,372
1901	1,114	18	379	1,511
1902	1,431	28	412	1,871
1903	1,604	26	447	2,077

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

Year.	Number of Applications with which Complete Specifications lodged.		Number of Applications with which Provisional Specifications lodged.		Number of Applications for which Complete Specifications subsequently lodged.		Number of Applications abandoned, lapsed, or refused.		Number of Patents sealed.		Total Number of Applications.
	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	
1890	242	207	107	60	27	17	202	50	147	217	616
1891	187	207	126	69	29	25	191	50	122	226	589
1892	202	191	160	53	40	16	237	43	125	201	606
1893	198	178	197	52	51	24	262	30	133	200	625
1894	278	166	251	61	69	16	352	51	173	176	756
1895	229	201	307	79	75	34	403	51	133	229	816
1896	299	275	318	100	68	33	439	75	185	293	992
1897	217	303	444	129	87	41	481	95	181	336	1,093
1898	199	305	419	98	102	29	447	70	172	332	1,021
1899	182	297	382	131	84	55	409	82	155	346	992
1900	160	321	441	87	97	36	452	59	149	349	1,009
1901	199	353	459	103	119	28	458	76	200	380	1,114
1902	163	357	767	144	274	65	*	*	*	*	1,431
1903	205	368	859	172	*	*	*	*	*	*	1,604

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

G.—TABLE SHOWING OVER A SERIES OF YEARS THE NUMBER OF PATENTS THAT WERE CONSIDERED OF SUFFICIENT VALUE TO BE KEPT ALIVE BY PAYMENT OF THE RENEWAL FEES.

Year.	Number of Applications received.	Number of Letters Patent granted.	Number of Patents on which Second-term Fee paid.	Number of Patents on which Final Fee paid.
1890	614	364	80	37
1891	589	348	78	23
1892	606	326	84	37
1893	625	333	99	47
1894	756	349	88	31
1895	816	362	113	45
1896	992	478	118	53
1897	1,093	517	136	...
1898	1,021	504	138	...
1899	992	501	199	...

H.—NUMBER OF APPLICATIONS FOR PATENTS FROM PERSONS RESIDING IN NEW ZEALAND AND OTHER COLONIES AND COUNTRIES IN EACH OF THE YEARS 1901, 1902, AND 1903.

	1901.	1902.	1903.		1901.	1902.	1903.
New Zealand	658	930	1,064	New South Wales	68	69	65
Argentine Republic	1	1	..	Norway	2	3	..
Austria	4	3	..	Queensland	8	5	11
Canada	9	11	8	Rhodesia .. .. .	..	1	..
Cape Colony	1	2	1	South African Republic .. .. .	..	1	..
Ceylon .. .. .	..	1	..	South Australia	13	13	14
Denmark	3	2	3	Sweden	5	1	13
Finland	2	1	..	Switzerland	1	2	..
France	8	8	3	Tasmania	4	5	2
Germany	13	8	15	Transvaal .. .. .	..	1	5
Holland	1	..	..	United Kingdom	110	117	129
India .. .. .	..	..	1	United States	124	129	112
Italy	2	1	1	Victoria	71	118	150
Natal .. .. .	..	..	1	Western Australia	10	5	10

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

I.—TABLE showing NUMBER of APPLICATIONS for the different classes of INVENTIONS for each of the Years 1901, 1902, and 1903.

Class.	1901.	1902.	1903.	Class.	1901.	1902.	1903.
Advertising	1	10	7	Harvesting	9	6	8
Amusements	27	45	33	Heating	9	15	23
Attaching and securing	15	37	18	Illuminating	20	36	39
Boilers (steam)	13	25	13	Indicating	37	28	34
Boilers (spark-arresters and smoke-consumers)	8	18	9	Lifting, hauling, &c.	16	17	32
Boots and shoes	24	39	38	Locks and latches	8	18	35
Bottles and bottling	19	33	28	Marine (ships, boats, &c.)	19	25	31
Boxes, cans, cases, &c.	26	31	19	Marking	7	10	19
Brewing, distilling, and wine-making	3	1	4	Medicines	15	18	20
Brooms and brushes	8	4	9	Milking, &c.	30	32	53
Buildings	36	43	80	Minerals	92	73	61
Cement, &c.	5	1	2	Ofal-treating .. .. .	..	..	3
Chemicals	7	2	10	Oils and lubricators	2	5	7
Cleaning, polishing, grinding	9	8	16	Paints and painting	1	3	2
Closets	6	18	10	Pipes, tubes, hose, &c.	3	5	21
Cooking appliances and kitchen utensils	36	46	37	Poultry-raising, incubators, &c. .. .. .	..	2	4
Cooling and freezing	9	5	6	Preserving	2	10	15
Cultivating	41	50	48	Presses	2	3	7
Cutting and sawing	14	23	24	Printing and photography	19	13	14
Cycles	42	33	38	Pumps and sprayers	10	7	6
Drains, sewers, &c.	3	10	10	Racecourse accessories	6	5	3
Dredging	32	40	34	Railways	37	28	52
Drying	7	1	10	Roads and ways	5	10	14
Electricity and magnetism	15	12	10	Seed-dressing, chaff-cutting, threshing	5	3	7
Engines (steam)	8	16	17	Sewing and knitting	6	3	4
" (gas)	6	19	11	Sheep and cattle (dipping, &c.)	5	4	22
" (electric)	8	14	12	Sheep-shearing	6	16	9
Engine-accessories	6	11	17	Shop and hotel fittings .. .. .	..	4	8
Exterminating	15	25	28	Stationery, &c.	18	14	23
Fencing	16	30	44	Telephony and telegraphy	7	12	5
Fibre-dressing	5	8	19	Tobacco	3	15	8
Filters	4	4	7	Tools	11	21	26
Fire alarms, escapes, and extinguishers	35	23	7	Valves and cocks	9	13	18
Fire-arms and explosives	21	16	18	Vehicles (not cycles)	13	36	44
Food	3	13	7	Ventilating	10	9	10
Furnaces .. .. .	..	..	10	Washing and cleansing	7	20	13
Furniture	17	51	38	Water-supplying	4	8	6
Gas-manufacture	24	14	11	Wearing-apparel	27	54	61
Harness	23	24	44	Wool and hides	4	1	8
				Miscellaneous	32	23	15

NOTE.—Owing to changes in the classification, the figures differ slightly in some cases from those in the last report. A few fresh classes were opened during the year for inventions included in former years in other classes. Owing to some inventions being under more than one head, the figures will total rather more than the actual number of applications received.

IA.—NUMBER of APPLICATIONS for REGISTRATION of TRADE MARKS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1901, 1902, and 1903.

	1901.	1902.	1903.		1901.	1902.	1903.
New Zealand	172	198	219	Philippine Islands .. .. .	..	1	..
Asia Minor .. .. .	..	..	1	Queensland	1	2	..
Belgium	1	1	1	South Africa .. .. .	..	..	1
Canada	2	1	..	South Australia	2	5	1
Cuba	10	..	1	Sweden	1	..	..
Denmark	1	1	..	Switzerland .. .. .	..	..	1
Egypt .. .. .	..	..	1	Tasmania	2	..	..
France .. .. .	..	1	9	United Kingdom	117	124	128
Germany	2	2	7	United States	47	51	40
Holland	1	2	1	Victoria	21	23	28
India .. .. .	..	1	..	Western Australia	2	..	..
New South Wales	20	30	22				

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

IB.—NUMBER of APPLICATIONS to register TRADE MARKS in the Fifty different Classes, in each of the Years 1901, 1902, and 1903.

Classes.	Classification of Goods.	1901.	1902.	1903.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	10	12	10
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	9	11	16
3	Chemical substances prepared for use in medicine and pharmacy	35	46	49
4	Raw or partly-prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	7	1	2
5	Unwrought and partly-wrought metals used in manufacture	8	8	4
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	7	4	14
7	Agricultural and horticultural machinery, and parts of such machinery	4	3	1
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	..	4	4
9	Musical instruments	4	1	4
10	Horological instruments	12	..	2
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	2	..	1
12	Cutlery and edge-tools	3	..	1
13	Metal goods not included in other classes	12	8	6
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	2	..	1
15	Glass	1	1	..
16	Porcelain and earthenware .. .. .	..	..	1
17	Manufactures from mineral and other substances for building or decoration	3	3	5
18	Engineering, architectural, and building contrivances	9	4	7
19	Arms, ammunition, and stores not included in Class 20 .. .. .	..	1	3
20	Explosive substances	7	4	4
21	Naval architectural contrivances and naval equipments .. .. .	..	..	..
22	Carriages	12	5	13
23	Cotton yarn and thread	1	6	3
24	Cotton piece-goods of all kinds	2	3	4
25	Cotton goods not included in Classes 23, 24, and 38	2	1	2
26	Linen and hemp yarn and thread .. .. .	..	..	1
27	Linen and hemp piece-goods	1	..	3
28	Linen and hemp goods not included in Classes 26, 27, and 50	1	..	..
29	Jute yarns and tissues, and other articles made of jute not included in Class 50 .. .. .	..	..	..
30	Silk, spun, thrown, or sewing	2	..	1
31	Silk piece-goods .. .. .	..	..	..
32	Other silk goods not included in Classes 30 and 31 .. .. .	..	..	1
33	Yarns of wool, worsted, or hair .. .. .	..	..	2
34	Cloth and stuffs of wool, worsted, or hair	2	1	8
35	Woollen and worsted and hair goods not included in Classes 33 and 34 .. .. .	..	..	..
36	Carpets, floorcloth, and oilcloth .. .. .	..	..	..
37	Leather, skins, unwrought and wrought, and articles made of leather not included in other classes	4	8	1
38	Articles of clothing	25	31	28
39	Paper (except paperhangings), stationery, and bookbinding	6	14	8
40	Goods manufactured from indiarubber and guttapercha not included in other classes	3	9	6
41	Furniture and upholstery .. .. .	..	..	2
42	Substances used as food or ingredients in food	85	97	86
43	Fermented liquors and spirits	10	28	27
44	Mineral and aerated waters, natural and artificial, including ginger-beer	4	5	4
45	Tobacco, whether manufactured or unmanufactured	35	24	37
46	Seeds for agricultural or horticultural purposes .. .. .	..	..	..
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	20	25	31
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	7	10	17
49	Games of all kinds, and sporting articles not included in other classes	5	7	4
50	Miscellaneous	17	27	23

J.—ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING
31st MARCH, 1903.

* Denotes a provisional specification.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Adams, R. N., Dunedin, N.Z. Gallery for lamp-chimney ..	15932	30 Jan. ..	13	19 Feb.*
Affleck, C. V., Drummond, N.Z. Shear-regulator ..	15953	5 Feb. ..	13	19 Feb.*
Agar, H., East Devonport, Tas. Window-attachments ..	16045	4 March ..	21	19 March.*
Aggers, W., Auckland, N.Z. Cushioned furniture ..	15885	19 Jan. ..	9	5 Feb.*
Ainsworth, J., Bolivia, N.S.W. (See A. M. White, No. 14827.)				
Aldous, G., Wellington, N.Z. Clip for holding smoking-pipes, &c. ..	15984	16 Feb. ..	18	5 March.
Alexander, W. J., Stratford, N.Z. Hanging sash, &c. ..	16067	9 March ..	37	14 May.
Alington, C. S., Ashburton, N.Z. Stripper for grass-seed ..	15981	13 Feb. ..	18	5 March.
Allen, C. L., Winchester, U.S.A. (See United Shoe Machinery Company, No. 15828.)				
Alley, F. L., San Francisco, U.S.A. (See United Shoe Machinery Company, Nos. 15834 and 15938.)				
Allison, J., and others, Wanganui, N.Z. Tobacco-pipe ..	14774	19 April, 1902 ..	6	23 Jan.
Ames, W., and others, North Sydney, N.S.W. Fastening rail at joint	15995	18 Feb. ..	25	2 April.
Anderson, C., Sydney, N.S.W. Dressing fur of rabbit-skins, &c. ..	16141	26 March ..	25	2 April.
Anderson, W., Invercargill, N.Z. Clothes-line strainer ..	15889	29 Jan. ..	9	5 Feb.*
Armstrong, Sir W. G., Whitworth, and Co. (Limited), Newcastle-on-Tyne, Eng. Buffer for tipping wagon. (R. Wright)	16133	25 March ..	25	2 April.
Artistic Woodwork Proprietary (Limited), Melbourne, Vic. Decorating woodwork. (H. Smith)	15993	18 Feb. ..	18	5 March.*
Ashcroft, R. W., and others, Palmerston North, N.Z. Preserving eggs, &c.	16095	16 March ..	25	2 April.*
Ashcroft, S., and others, Dannevirke, N.Z. Preserving eggs, &c. ..	16095	16 March ..	25	2 April.*
Ashworth, H., Wellington, N.Z. Utilising waste light from lamps for advertising purposes	16004	20 Feb. ..	18	5 March.*
Aston, W. I., Ashburton, N.Z. Feed-water heater for engines ..	16020	24 Feb. ..	18	5 March.*
Atkin, A. C., Auckland, N.Z. Roadster and gig seat ..	16051	2 March ..	21	19 March.*
Aussel, F. H., Wellington, N.Z. Securing cow's leg ..	15867	14 Jan. ..	6	23 Jan.
Balch, D. W., San Francisco, U.S.A. Electro-magnetic railway traction. (A. A. Honey)	15826	5 Jan. ..	6	23 Jan.*
Baldwin, E. S., and another, Wellington, N.Z. Sterilisation of milk, &c. (S. M. Barre)	15865	14 Jan. ..	6	23 Jan.
Baldwin, E. S., and another, Wellington, N.Z. Discharging sewage upon filter-bed. (G. E. Ridgway)	15968	12 Feb. ..	21	19 March.
Barber, T. W., Westminster, Eng. Mechanically propelled vehicle	16129	21 March ..	29	16 April.
Barre, S. M., Montreal, Canada. (See E. S. Baldwin and H. H. Raymond, No. 15865.)				
Barrie, W. J., Wellington, N.Z. Water-controller for medical battery	15927	31 Jan. ..	13	19 Feb.
Bartlett, J. G., Dunedin, N.Z. Rocker ..	16127	21 March ..	29	16 April.*
Bartlett, J. G., Dunedin, N.Z. Candle-extinguisher ..	16128	21 March ..	25	2 April.*
Barton, A. G., Christchurch, N.Z. Trouser press and stretcher ..	16078	10 March ..	25	2 April.*
Barton, C. H., and another, Wellington, N.Z. Ball-valve for water-cistern	16102	18 March ..	25	2 April.
Barton, F. W., Dunedin, N.Z. Animal-trap ..	15978	11 Feb. ..	3	19 Feb.*
Basil-Jones, E., Wellington, N.Z. Can ..	15862	12 Jan. ..	6	23 Jan.*
Basley, G. W., Auckland, N.Z. Fuel-economizer and smoke-minimiser. (J. H. Foster)	15998	16 Feb. ..	18	5 March.
Beamish, W., Cromwell, N.Z. Mooring-apparatus ..	16058	3 March ..	21	19 March.*
Beaumont, G., Roslyn, Dunedin, N.Z. Locking nuts ..	16149	25 March ..	29	16 April.*
Beaumont, G., Roslyn, Dunedin, N.Z. Locking nuts ..	16175	31 March ..	29	16 April.*
Berghmark, C. S., Stockholm, Sweden. (See Svenska Centrifug Aktie Bolaget, No. 14358.)				
Bettany, H. J., Nelson, N.Z. Revolving chair, table, &c. ..	15862	12 Jan. ..	6	23 Jan.*
Betts, T., and another, Auckland, N.Z. Preventing horses from bolting	15947	4 Feb. ..	13	19 Feb.*
Bish, G., Bombay, N.Z. Adjusting movable bodies and seats of vehicles	15924	27 Jan. ..	9	5 Feb.*
Blaisdell, H. W., Los Angeles, U.S.A. Handling material	15836	7 Jan. ..	6	23 Jan.
Bonnington, F., Tinwald, N.Z. Damper-regulator ..	15025	23 June, 1902 ..	25	2 April.
Borlase, W., Dunedin, N.Z. Animal-trap ..	15735	6 Dec., 1902 ..	25	2 April.
Bourseau, J. B., and another, Paris, France. Reducing-valve	15845	7 Jan. ..	6	23 Jan.
Brand, F. A., Benicia, U.S.A. Disc-plough ..	15925	30 Jan. ..		
Bridgman, A. O., Dunedin, N.Z. Mat-fastener ..	14822	30 April, 1902 ..	9	5 Feb.
Brierly, W., Auckland, N.Z. Road-sweeper, &c. ..	16070	6 March ..	21	19 March.*
Britten, T. J., Witwatersrand, Transvaal. Settling dust in mining	15840	8 Jan. ..	6	23 Jan.
Brooks, D. M., Wellington, N.Z. Fire-escape ..	15864	13 Jan. ..	9	5 Feb.*
Brooks, D. M., Wellington, N.Z. Securing handles to broom-heads	15980	14 Feb. ..	21	19 March.
Brooks, W. H., Adelaide, S. Aust. Generation of gas ..	15959	10 Feb. ..	13	19 Feb.*
Brown, H., Wellington, N.Z. Crane ..	16101	18 March ..	25	2 April.*
Browne, M., Gisborne, N.Z. Spring-regulator for vehicle	15890	16 Jan. ..	9	5 Feb.*
Brownell, J. S., San Francisco, U.S.A. Concentrator ..	15843	7 Jan. ..	6	23 Jan.
Brownley, A. H., and another, Onehunga, N.Z. Securing buttons to garments	14856	8 May, 1902 ..	13	19 Feb.
Bruce, C. J., and another, Blakehurst, N.S.W. Self-tilting table ..	16132	25 March ..	25	2 April.
Brummer, D., Vienna, Austria. Portable building ..	15651	23 Nov., 1901†	18	5 March.
Bryers, J. J., Rawene, N.Z. Music-leaf turner ..	15916	23 Jan. ..	9	5 Feb.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Budge, G. S., Takapuna, N.Z. Holding book-leaves	16065	9 March ..	21	19 March.*
Busch, A., Totara Valley, N.Z. Cultivator	16053	3 March ..	21	19 March.*
Butler, S., Bristol, Eng. Preventing "skidding" of motor cars ..	16178	31 March ..	29	16 April.
Campbell, J. P., Wellington, N.Z. Unidirectional current from alternating current source. (P. C. Hewitt)	15906	27 Jan. ..	9	5 Feb.
Campbell, W., Wellington, N.Z. Preventing horse running away with vehicle	16072	10 March ..	21	19 March.*
Casler, H., and another, Canastota, U.S.A. (See A. J. Ellis, No. 15994.)				
Cassels, H. O., and another, Invercargill, N.Z. Horse-collar ..	14568	28 Feb., 1902 ..	6	23 Jan.
Chamberlain, W. E., Feilding, N.Z. Seed-sower	15806	23 Dec., 1902 ..	21	19 March.
Christensen, H., Copenhagen, Den. Matches, and machinery for making them	15863	13 Jan. ..	6	23 Jan.
Clare, S. F., Campbelltown, N.Z. Grip for handle of shears ..	15946	2 Feb. ..	18	19 Feb.*
Clare, S. F., Campbelltown, N.Z. Rabbit-trap	16094	12 March ..	25	2 April.*
Clark, D., Drummond, N.Z. Thinning out plants	16015	19 Feb. ..	18	5 March.*
Clarke, G. W., and another, London, Eng. Bandolier and waist-belt rifle-carrier	15996	16 Feb. ..	18	5 March.
Claydon, G., Christchurch, N.Z. Supplying steam and air to furnaces	15061	30 June, 1902 ..	18	5 March.
Clayton Fire Extinguishing and Ventilating Company (Limited), The, London, Eng. Generation of gas for extinguishing fires. (T. A. Clayton)	15844	7 Jan. ..	6	23 Jan.
Clayton, T. A., Philadelphia, U.S.A. (See The Clayton Fire Extinguishing and Ventilating Company, Limited, No. 15844.)				
Collinge, J., jun., and another, South Norsewood, N.Z. Cramp ..	15884	16 Jan. ..	9	5 Feb.*
Collins, J. J., and another, Christchurch, N.Z. Composition for brick and stone work	14930	29 May, 1902 ..	9	5 Feb.
Collins, W. A., Wanganui, N.Z. Device for holding cow's leg ..	15425	19 Sept., 1902 ..	9	5 Feb.
Colwill, J. H., and another, Auckland, N.Z. Roller for typewriter	16093	12 March ..	25	2 April.*
Combes, F. H., and another, Auckland, N.Z. (See A. H. Nathan, No. 15403.)				
Cook, J., Wellington, N.Z. Valve for water-closet cistern ..	14880	15 May, 1902 ..	13	19 Feb.
Cooley Development Company, Boston, U.S.A. Rotary fluid-engine. (J. F. Cooley)	16100	18 March ..	25	2 April.
Cooley, J. F., Boston, U.S.A. (See Cooley Development Company, No. 16100.)				
Coop, J., Kaituna, N.Z. Bridle-bit	16087	14 March ..	25	2 April.*
Coop, J., Kaituna, N.Z. Grubber	16147	27 March ..	29	16 April.*
Cooper, W. R., Napier, N.Z. Handle for tennis-racquet ..	15876	14 Jan. ..	9	5 Feb.*
Cooze, C. J., Carterton, N.Z. Hairpin	16047	4 March ..	21	19 March.*
Corbett, J. C., Auckland, N.Z. Spinning-top	16181	31 March ..	29	16 April.*
Cormaek, W., and another, Eskbank, Scot. Manufacture of gelatine	15767	17 Dec., 1902 ..	21	19 March.
Corr, C., Westport, N.Z. Gold-saving apparatus	16001	17 Feb. ..	18	5 March.*
Corrington, M., New York, U.S.A. Railway-brake	15898	23 Jan. ..	9	5 Feb.
Cossar, M. C., Auckland, N.Z. Cucumber-slicer	16156	31 March ..	29	16 April.*
Cotterill, J., and another, Wellington, N.Z. Indicating approach of train	14297	2 Dec., 1901 ..	9	5 Feb.
Cotton, F., Hornsby, N.S.W. Utilisation of carbonaceous liquids as fuel	15318	28 Aug., 1902 ..	18	5 March.
Coulson, M., and another, Auckland, N.Z. Applying tar to wooden blocks	15983	11 Feb. ..	21	19 March.*
Coulson, M., and another, Auckland, N.Z. Mastic jointing-material	16039	26 Feb. ..	21	19 March.*
Coventry, J., Dunedin, N.Z. Ferrule for umbrella	15989	14 Feb. ..	18	5 March.*
Cozens, G., and another, Auckland, N.Z. Closet	15895	13 Sept., 1902 ..	9	5 Feb.
Craig, W., Auckland, N.Z. Ventilator	14875	10 May, 1902 ..	9	5 Feb.
Crane, A. W., and another, Sydney, N.S.W. Measuring-tap ..	16050	2 March ..	21	19 March.
Crawford, B., Auckland, N.Z. Rendering gas or oil engines noiseless	15882	15 Jan. ..	18	5 March.*
Crawford, B., Auckland, N.Z. Toe-piece for water-meter ..	16032	28 Feb. ..	21	19 March.*
Crowther, F. W., Bluff, N.Z. Spirit-level	16061	6 March ..	21	19 March.*
Cutten, W., Dunedin, N.Z. Compound winch for dredge ..	15857	8 Jan. ..	6	23 Jan.
Daniels, J. B., Wellington, N.Z. Preventing accumulation of explosive matter in mine	16125	24 March ..	25	2 April.*
Danne, H. A., and others, Richmond, Vic. Weighing-machine ..	16000	19 Feb. ..	18	5 March.
Danne, R. V., and others, Richmond, Vic. Weighing-machine ..	16000	19 Feb. ..	18	5 March.
Darrell, G., Melbourne, Vic. Advertising	15049	27 June, 1902 ..	25	2 April.
Davidson, G., Hokitika, N.Z. Tripping-block	14558	24 Feb., 1902 ..	13	19 Feb.
Davidson, R., Dunedin, N.Z. Making screenings	16152	26 March ..	..	..
Davis, H. T., and another, Lewisham, Eng. Separation of oily impurities from water	15854	9 Jan. ..	6	23 Jan.
Davy's, T. J., and another, Dunedin, N.Z. Dredge bucket-tumbler	16145	23 March ..	29	16 April.*
Deeble, J. G., Sydney, N.S.W. (See W. Lyons, No. 16014.)				
De Loitte. (See under L.)				
Dement, I. S., and others, East Orange, U.S.A. (See W. E. Hughes, No. 14809.)				
Denniston, S. E., Invercargill, N.Z. Apparatus for dipping sheep ..	15992	13 Feb. ..	18	5 March.*
Devonshire, T. E., Chislehurst, Eng. Conduit for underground-cable	16134	25 March ..	..	..
Dick, J., Pahiataua, N.Z. Apparatus for drafting sheep ..	16006	20 Feb. ..	18	5 March.
Dickson, S. G., Melbourne, Vic. Manufacturing horseshoes ..	16029	27 Feb. ..	21	19 March.*
Dignan, J., Auckland, N.Z. Castrating, &c., lambs	16120	19 March ..	25	2 April.*
Dimant, E., Melbourne, Vic. Sole for boots and shoes ..	15101	10 July, 1902 ..	6	23 Jan.
Donald, D., Masterton, N.Z. Punching, shearing, and stamping-machine	14559	25 Feb., 1902 ..	6	23 Jan.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Donald, D., Masterton, N.Z. Wool-press	15912	28 Jan. ..	18	19 Feb.
Donaldson, J., and others, Melbourne, Vic. Weighing-machine ..	16000	19 Feb. ..	18	5 March.
Dumaresq, W. N., London, Eng. Variable-speed gearing ..	16088	13 March ..	25	2 April.
Duncan, J., Greymouth, N.Z. Bottom tumbler of dredger ..	15841	8 Jan. ..	6	23 Jan.*
Dunne, R., Dunedin, N.Z. Device for cutting mitres ..	15881	15 Jan. ..	9	5 Feb.*
Dunstan, W. J., Dunedin, N.Z. Signalling-apparatus for cable-tramway	16176	31 March ..	29	16 April.*
Dutch, W. A. J., and another, Wellington, N.Z. Ball-valve for water-cistern	16102	18 March ..	25	2 April.
Early, T. F. W., and others, Petersham, N.S.W. Garbage-destroyer	16107	19 March ..	25	2 April.
Eaton, E., London, Eng. Building-brick	16074	11 March ..	..	..
Eaton, E., London, Eng. Building-brick	16075	11 March ..	..	..
Eaton, H. H., Winchester, U.S.A. (See United Shoe Machinery Company, No. 16108.)				
Edelmann, A., Dunedin, N.Z. Artificial fuel	15951	4 Feb. ..	13	19 Feb.
Edwards, T., Colorado Springs, U.S.A. (See G. G. Turri, Nos. 15941-2.)				
Elder, A. W., Auckland, N.Z. Road-scoop, &c.	16151	24 March ..	29	16 April.
Eldred, B., Boston, U.S.A. Treating lime	16137	26 March ..	29	16 April.*
Electrical Ore-finding Company. (See W. E. Hughes, No. 16076.)				
Ellis, A. J., London, Eng. Tape embossing and feeding machine. (H. Casler and H. N. Marvin)	15994	18 Feb. ..	18	5 March.
Ellis, P., and another, Wellington, N.Z. Tap	16037	2 March ..	21	19 March.*
Elmore, F. E., London, Eng. Generating electric current ..	16077	11 March ..	25	2 April.
England, R. W., jun., Christchurch. Manufacture of stone blocks	15991	13 Feb. ..	18	5 March.*
England, R. W., jun., Christchurch. Artificial stone blocks ..	16008	18 Feb. ..	18	5 March.*
Escher, H. G., Wellington, N.Z. Fire-escape	16038	24 Feb. ..	21	19 March.
Eskesen, P., Waihi, N.Z. Boot	16069	9 March ..	21	19 March.
Evans, J. P., Opotiki, N.Z. O.G. spouting	14942	24 May, 1902 ..	18	5 March.
Fahev, J. V., Roslyn Bush, N.Z. Sheaf-carrier of harvester ..	14637	15 March ..	6	23 Jan.
Fairhurst, J. H., Wellington, N.Z. Scaffolding-bracket ..	16019	23 Feb. ..	18	5 March.
Farquhar, J. F. C., Vaucluse, N.S.W. Oil-lamp	14688	1 April, 1902 ..	6	23 Jan.
Feaver, F. W., Surrey, England. Manufacture of metal cans and boxes	15856	10 Jan. ..	9	5 Feb.
Ferguson, P., Auckland, N.Z. Stirring auriferous material ..	15965	11 Feb. ..	..	..
Fessenden, R. A., Manteo, U.S.A. Signalling by electro-magnetic waves	15846	7 Jan. ..	6	23 Jan.
Fessenden, R. A., Manteo, U.S.A. Receiver for electro-magnetic waves	15847	7 Jan. ..	6	23 Jan.
Filor, C. F., Trenton, U.S.A. (See The Perfection Blind and Lock-stitch Sewing-machine Company, No. 15842.)				
Findlay, J., Clutha, N.Z. Composition for destroying noxious weeds	16009	18 Feb. ..	18	5 March.*
Fisher, D. P., and others, Wellington, N.Z. Ventilating halls, &c.	14952	4 June, 1902 ..	21	19 March.
Flanagan, J. R., Christchurch, N.Z. Rocker for children ..	16118	21 March ..	25	2 April.*
Fletcher, F. J., London, Eng. Aerating or carbonating liquids ..	15996	18 Feb. ..	18	5 March.
Fletcher, F. J., London, Eng. Filling bottles and stoppering them	15997	18 Feb. ..	18	5 March.
Fletcher, J., London, Eng. Dispensing aerated liquids ..	16011	21 Feb. ..	18	5 March.
Florant, J. D., Richmond, Vic. Sk light	15970	12 Feb. ..	13	19 Feb.*
Folsetter, W., and others, Dallas, U.S.A. Electrostatic magnetic separators	15830	5 Jan. ..	6	23 Jan.*
Ford, J., and another, Cromwell, N.Z. Perambulator	14870	9 May, 1902 ..	21	19 March.
Ford, L. P., London, Eng. Artificial stone	16131	25 March ..	25	2 April.
Foster, J. H., East Greenwich, Eng. (See G. W. Basley, No. 15998)				
Foster, T., and another, Dunedin, N.Z. Account-book ..	15911	24 Jan. ..	9	5 Feb.*
Fraser, G., and another, Auckland, N.Z. Heat-economizer and smoke-consumer	15957	7 Feb. ..	18	5 March.*
French, A. C. S., and another, Wellington, N.Z. Dressing and washing <i>Phormium tenax</i>	15977	13 Feb. ..	13	19 Feb.*
Friend, E. H., and another, Auckland, N.Z. Steam-turbine motor	16105	16 March ..	25	2 April.*
Friend, J., and another, Auckland, N.Z. Steam-turbine motor ..	16105	16 March ..	25	2 April.*
Galbraith, D. R. S., Auckland, N.Z. Distillatory apparatus ..	16103	14 March ..	25	2 April.*
Garnham, R., Wellington, N.Z. Preventing the refilling of bottles	15952	6 Feb. ..	13	19 Feb.*
Gattsche, J. H., Palmerston N., N.Z. Boiler, &c., for brewery ..	16126	25 March ..	25	2 April.*
Gay, J. H., and another, Newark, U.S.A. Leather-splitting machine	15963	10 Feb. ..	13	19 Feb.*
Geary, W. G., Weraoia, N.Z. Martingale	14943	31 May, 1902 ..	25	2 April.
Gibbons, R. P., Thames, N.Z. Compound steam-engine ..	15537	18 Oct., 1902 ..	18	5 March.
Gibbs, G., New York, U.S.A. (See W. E. Hughes, No. 15908.)				
Giesen, W. B., Wanganui, N.Z. Drying and airing clothes ..	15878	19 Jan. ..	9	5 Feb.*
Giles, A. W., Traralgon, Vic. Drop-latch fastening	16021	25 Feb. ..	..	..
Gill, A. B., London, Eng. Lighting trains by electricity ..	15909	27 Jan. ..	9	5 Feb.
Gillette, K. C., Brookline, U.S.A. Razor	15872	15 Jan. ..	9	5 Feb.*
Gillies, A., Terang, Vic. Pneumatic milking-apparatus ..	16022	25 Feb. ..	18	5 March.*
Gillies, J. H., and another, Dulwich Hill, N.S.W. Treating copper-ores	15915	23 Jan. ..	9	5 Feb.
Gilpin, G., and another, Wellington, N.Z. Triple valve of brake ..	15868	14 Jan. ..	6	23 Jan.*
Glossop, J., Dunedin, N.Z. Hose, &c.	16130	21 March ..	25	2 April.*
Godden, L. G. W., Nelson, N.Z. Button-hole making	15883	17 Jan. ..	9	5 Feb.*
Gordon, H. E. M., Patea, N.Z. Support for window-sash ..	15928	31 Jan. ..	13	19 Feb.*
Grattan, J. H., Auckland, N.Z. Gear for controlling horses ..	16013	19 Feb. ..	18	5 March.
Green, F. H., Riverton, N.Z. Kettle-hook	15904	26 Jan. ..	9	5 Feb.*
Greenshields, W., Auckland, N.Z. Brace or suspender ..	16115	21 March ..	25	2 April.*
Groves, D. C., and another, Dunedin, N.Z. Raising sunken vessel	16096	16 March ..	25	2 April.*
Gunn, H. Auckland, N.Z. Spark-stopper for engine	14859	6 May, 1902 ..	18	5 March.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Haines, C. W., Auckland, N.Z. Spark-extinguisher ..	14857	8 May, 1902.	13	19 Feb.
Hall, R., and another, Christchurch, N.Z. Mould or die for plastic materials	15907	27 Jan.	9	5 Feb.
Ham, H., Palmerston N., N.Z. Cover for hay-stack ..	16018	23 Feb. ..	25	2 April.*
Hamilton, C. D., Christchurch, N.Z. Turning over leaves of music	16080	12 March ..	25	2 April.*
Hamilton, G. R., and another, Palmerston N., N.Z. Saw-setting instrument	16122	24 March ..	25	2 April.*
Hankinson, A., Sydney, N.S.W. Miners' safety-lamp ..	15914	28 Jan. ..	9	5 Feb.
Hardy, A. R., Dunedin, N.Z. Sconce for candlestick ..	15875	14 Jan. ..	9	5 Feb.*
Harkness, W. S., Timaru, N.Z. Device for holding cow's leg ..	15858	9 Jan. ..	6	23 Jan.
Harman, R. D., and another, Christchurch, N.Z. Composition for brick and stone work	14930	29 May, 1902 ..	9	5 Feb.
Harraway, H., Dunedin, N.Z. Grain drier and conditioner ..	16068	9 March ..	21	19 March.
Harris, A. W., Gisborne, N.Z. Destruction of codlin-moth	16898	14 March ..	..	..
Harris, J., Cleveland, U.S.A. Wire fence ..	15831	5 Jan. ..	6	23 Jan.
Harrop, J. C., and others, Melbourne, Vic. Elastic heels ..	15931	29 Jan. ..	13	19 Feb.*
Harrop, W. H., and others, Melbourne, Vic. Elastic heels ..	15931	29 Jan. ..	13	19 Feb.*
Hartnett, J., and another, Balwyn, Vic. Cow-milking apparatus ..	16109	19 March ..	25	2 April.*
Hartree, H., Patangata, N.Z. Sheep-sh. ars ..	16054	4 March ..	21	19 March.*
Harvey, R., and another, Newtown, N.S.W. Self-tilting table ..	16132	25 March ..	25	2 April.*
Harvey, W. J. M., Rata, N.Z. Governor for engine ..	15835	7 Jan. ..	6	23 Jan.*
Hasell, A. S., New Plymouth, N.Z. Animal-cover ..	16038	2 March ..	21	19 March.*
Hayne, J. R., Dunedin, N.Z. Pneumatic hub for wheel of vehicles	16041	3 March ..	21	19 March.
Heighton, A. L., Christchurch, N.Z. Boot-heel ..	16136	24 March ..	29	16 April.*
Helleur, G., Pahiatua, N.Z. Tap ..	16042	3 March ..	21	19 March.
Henderson, H. H., Wellington, N.Z. Apparatus for cleaning walls, &c	14955	5 June, 1902 ..	18	5 March.
Henuis, Dr. M., Chicago, U.S.A. Mash, tun, and wort separator ..	16089	12 March ..	25	2 April.
Herbert, T., Auckland, N.Z. Rusticated weather-boarding ..	16005	17 Feb. ..	..	..
Hewitt, P. C., New York, U.S.A. (See J. P. Campbell, No. 15906.)				
Hewton, T., Waiakarua, N.Z. Nut and washer ..	15880	15 Jan. ..	9	5 Feb.
Hickman, T. M., Wolverhampton, Eng. Preparation for destruction of blackberry-bushes	16063	6 March ..	21	19 March.*
Hien, P., Chicago, U.S.A. Friction-spring ..	15973	12 Feb. ..	..	..
Hodge, A., and another, Oamaru, N.Z. Horse-cover ..	14966	2 June, 1902 ..	21	19 March.
Holden, E. A., Ashfield, N.S.W. Automatic lubricator ..	15873	12 Jan. ..	9	5 Feb.
Holford, G., Auckland, N.Z. Opening tin, &c., by wire ..	16121	23 March ..	29	16 April.*
Holmes, A., and others, Christchurch, N.Z. Angle-iron for bedstead	16119	21 March ..	37	14 May.
Holmes, C., and others, Christchurch, N.Z. A gle-iron for bedstead	16119	21 March ..	37	14 May.
Holmes, S., and others, Christchurch, N.Z. Angle-iron for bedstead	16119	21 March ..	37	14 May.
Holms, J., jun., Waimahaka, N.Z. Hook, split-link, &c. ..	15933	30 Jan. ..	13	19 Feb.*
Honey, A. A., Chicago, U.S.A. (See D. W. Balch, No. 15826.)				
Hood, N. D., Greymouth, N.Z. Non-refillable bottle ..	15879	17 Jan. ..	9	5 Feb.*
Hopkirk, W. J., and another, Wellington, N.Z. Triple-valve of brake	15868	14 Jan. ..	6	23 Jan.*
Horne, E. T., and another, Invercargill, N.Z. Artificial manure ..	16035	26 Feb. ..	25	2 April.
Horne, E. T., and another, Invercargill, N.Z. Alcohol for commercial use, &c.	16036	26 Feb. ..	25	2 April.
Hosking, A., Auckland, N.Z. Combined tellurian and selenotrope ..	15895	20 Jan. ..	13	19 Feb.
Hoskins, G. J., St. Cloud, N.S.W. Ring and joint for sheet-metal pipes	15974	12 Feb. ..	13	19 Feb.
Hudson, W. C. H., Dunedin, N.Z. Rabbit-trap ..	15971	12 Feb. ..	13	19 Feb.
Hughes, R. C., and another, New Plymouth, N.Z. Sash-lock ..	16083	13 March ..	25	2 April.
Hughes, W. E., Wellington, N.Z. Mechanical cashier. (The Mechanical Cashier Syndicate, Limited—I. S. Dement, F. J. Hull, and A. D. King)	14809	1 May, 1902 ..	9	5 Feb.*
Hughes, W. E., Wellington, N.Z. Signalling-system for electric railway. (G. Gibbs)	15908	27 Jan. ..	9	5 Feb.
Hughes, W. E., Wellington, N.Z. Detecting mineral deposit. (Electrical Ore-finding Company)	16076	11 March ..	..	..
Hull, F. J., and others, New York, U.S.A. (See W. E. Hughes, No. 14809.)				
Hunter, J. T., Wellington, N.Z. Spring and frictional-resistance device. (Westinghouse Brake Company, Limited)	16012	21 Feb. ..	43	28 May.
Husband, J. H., Carlton, Vic. Machine for stamping letters ..	15829	5 Jan. ..	6	23 Jan.*
Hutchinson, G., Wellington, N.Z. Milking-machine ..	15894	23 Jan. ..	9	5 Feb.*
Ibbotson, T. H., Gore, N.Z. Drawing off liquids ..	16112	20 March ..	25	2 April.*
Irvine, G. H., Brisbane, Queensland. Abstracting colouring-matter from bark	16048	4 March ..	21	19 March.
Jackson, A. B., and others, Tuparoa, N.Z. Dust, draught, and rain excluder for doors	15222	5 Aug., 1902 ..	6	23 Jan.
Jackson, G. C., and others, Tuparoa, N.Z. Dust, draught, and rain excluder for doors	15222	5 Aug., 1902 ..	6	23 Jan.
Jacobsen, T. B., and another, Auckland, N.Z. Securing buttons to garments	14856	8 May, 1902 ..	13	19 Feb.
Jarvie, W. P., Melbourne, Vic. Method of air-purification. (J. Storer)	15919	29 Jan. ..	9	5 Feb.*
Jeffs, S. G., Matangi, N.Z. Gate-hinge ..	15897	23 Jan. ..	9	5 Feb.*
Jenkins, F. W., and others, Roodeport, Transvaal. Sharpening rock-drilling machine	15852	9 Jan. ..	..	..
Johnson, C. A., South Buchan, Vic. Coupling for railway rolling-stock	15969	12 Feb. ..	13	19 Feb.*
Johnston, C. S., and another, Lyttelton, N.Z. Non-refillable bottle	15053	27 June, 1902 ..	25	2 April.
Jones. (See Basil-Jones.)				
Jones, G. L., and another, Dunedin, N.Z. Artificial manure ..	16035	26 Feb. ..	25	2 April.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Jones, G. L., and another, Dunedin, N.Z. Alcohol for commercial use, &c.	16036	26 Feb. ..	25	2 April.
Jones, S., Wellington, N.Z. Motor	15936	2 Feb. ..	13	19 Feb.*
Jones, W., and another, Oamaru, N.Z. Horse-cover	14966	2 June, 1902..	21	19 March.
Kelly, J. D., and others, Wellington, N.Z. Ventilating halls, &c. ..	14952	4 June, 1902..	21	19 March.
Kerr, H., Drummond, N.Z. Seed-sower	15910	24 Jan. ..	9	5 Feb.*
Kiernan, C. T., Invercargill, N.Z. Box for packing rabbits, fish, &c.	14778	17 April, 1902..	9	5 Feb.
King, A. D., and others, New York, U.S.A. (See W. E. Hughes, No. 14809.)				
King, F., San Francisco, U.S.A. (See E. Phillips, No. 16049.)				
King, J. B., Auckland, N.Z. Filter-bed	15860	8 Jan. ..	6	23 Jan.*
Kitson, A., London, Eng. Vapour-burning apparatus	15886	19 Jan. ..	33	30 April.
Kitson, A., London, Eng. Vapour-burning apparatus	15887	19 Jan. ..	9	5 Feb.
Kitson, A., London, Eng. Vapour-burning apparatus	16040	17 June, 1902†	21	19 March.
Ladbrook, H. A., Seaward Moss, N.Z. Driving-gear for bicycles ..	15955	6 Feb. ..	13	19 Feb.*
Laing, E. H. B., and another, London, Eng. Bandolier and waist-belt rifle-carrier	15999	16 Feb. ..	18	5 March.
Lange, A. J. H., and another, Christchurch, N.Z. Cramp for picture-frames	15893	20 Jan. ..	9	5 Feb.*
Latimer, J. W., Chicago, U.S.A. Mowing-machine	16081	12 March ..	25	2 April.
Lawson, W. S., Malvern, Vic. Coriaceous material	16002	17 Feb. ..	18	5 March.*
Leighton, H. E., Wellington, N.Z. Boiler-furnace	16116	21 March ..	..	..
Leighton, H. E., Wellington, N.Z. Smoke-consumer and heat-economizer	16117	21 March ..	..	..
Leiter, L. Z., Washington, U.S.A. Cooking-oven. (R. Moss) ..	16198	26 March ..	25	2 April.
Leland, S. D., Winchester, U.S.A. (See United Shoe Machinery Company, No. 15827.)				
Lewis, F., and another, Newman, N.Z. Attachment to bicycle-pump	15986	17 Feb. ..	18	5 March.*
Lewis, F., and another, Newman, N.Z. Securing the ends of belting together	15987	17 Feb. ..	18	5 March.*
Linard, A., and others, Melbourne, Vic. Elastic heel	15931	29 Jan. ..	13	19 Feb.*
Lindberg, P. W., Eskilstuna, Sweden. Centrifugal separator	16073	11 March ..	25	2 April.
Lockerbie, R. L., Invercargill, N.Z. Hanging sashes, &c. ..	15922	27 Jan. ..	9	5 Feb.*
Loitte, E. de N. de, Port Moeraki, N.Z. Treating auriferous material	16144	24 March ..	29	16 April.*
Lorie, A. F. W., Dunedin, N.Z. Sash-fastener	15929	30 Jan. ..	13	19 Feb.*
Lovegrove, H. W., Timaru, N.Z. Bucket carrier or wagon ..	14928	24 May, 1902..	21	19 March.
Lowson, J. G. F., and another, Polton, Scot. Manufacture of gelatine	15767	17 Dec., 1902..	21	19 March.
Ludbrook, E. R., and others, Tuparoa, N.Z. Dust, draught, and rain excluder for doors	15222	5 Aug., 1902..	6	23 Jan.
Lumley, M., and another, London, Eng. Reducing-valve ..	15845	7 Jan. ..	6	23 Jan.
Lungley, C. F., Bourke, Vic. Aluminium alloy	15850	9 Jan. ..	9	5 Feb.*
Lungley, C. F., Bourke, Vic. Extraction of titanium from ironsand	15917	29 Jan. ..	9	5 Feb.*
Lungley, C. F., Bourke, Vic. Manufacture of pig-iron from ironsand	15918	29 Jan. ..	9	5 Feb.*
Lyell, A., Palmerston N., N.Z. Race-starting gate	14962	6 June, 1902..	6	23 Jan.
Lyons, W., Auckland, N.Z. Ballot-box for starting horse-races. (J. G. Deeble)	16014	19 Feb. ..	18	5 March.*
Macdonald, D. W., Havelock North, N.Z. Drawing-compasses ..	16024	25 Feb. ..	18	5 March.*
Madden, W. J., and others, Palmerston N., N.Z. Preserving eggs, &c.	16095	16 March ..	25	2 April.*
Madill, W. H., Tuakau, N.Z. Pump	14509	10 Feb., 1902..	21	19 March.
Magnus, P., Collingwood, Vic. Leather-treating	16139	26 March ..	29	16 April.*
Magnus, P., Collingwood, Vic. Pneumatic tire	16140	26 March ..	25	2 April.
Mander, H. F., and another, Newman, N.Z. Attachment to bicycle-pump	15986	17 Feb. ..	18	5 March.*
Mander, H. F., and another, Newman, N.Z. Securing the ends of belting together	15987	17 Feb. ..	18	5 March.*
Marvin, H. N., and another, Canastota, U.S.A. (See A. J. Ellis, No. 15994.)				
Matheson, D., Wellington, N.Z. Preventing horse bolting ..	16155	31 March ..	29	16 April.*
Matthews, F., Wellington, N.Z. Preventing horse running away with vehicle	15948	6 Feb. ..	13	19 Feb.*
May, H., and another, Meningie, S. Aust. Sheep-shears ..	14932	29 May, 1902 ..	6	23 Jan.
May, J. M., Wellington, N.Z. Boot and shoe heel. (W. McKenzie)	15861	12 Jan. ..	6	23 Jan.*
Mayo, B. F., Salem, U.S.A. (See United Hoe Machinery Company, No. 14697.)				
McCallum, W., and another, Kyeburn, N.Z. Revolving screen ..	15874	14 Jan. ..	9	5 Feb.
McCormick, M., Temuka, N.Z. Seed-sowing apparatus	14727	7 April, 1902..	6	23 Jan.
McDonald, C., Dunedin, N.Z. (See The Union Steamship Company of New Zealand, Limited, No. 15975.)				
McElroy, J. F., New York, U.S.A. Electric-lighting system ..	16082	12 March ..	25	2 April.
McGrath, J., Onslow, W.A. Attachment to sheep-shears ..	16056	6 March ..	21	19 March.
McIntyre, C., jun., and another, Wellington, N.Z. Indicating approach of a train	14297	2 Dec., 1901..	9	5 Feb.
McKee, A., Wellington, N.Z. Pictorial letter-card	15905	26 Jan. ..	9	5 Feb.*
McKenzie, W., Wellington, N.Z. (See J. M. May, No. 15861.)				
McKenzie, W., Wellington, N.Z. Mounting billiard-tables in ships	15979	14 Feb. ..	13	19 Feb.*
McKnight, R., Philadelphia, U.S.A. Electro-magnetic separator ..	16106	19 March ..	25	2 April.*
McLauchlan, E. M., Winton, N.Z. Steering ploughs	15888	19 Jan. ..	9	5 Feb.*
McLauchlan, E. M., Springhills, N.Z. Cycling-machine ..	15988	7 Feb. ..	18	5 March.*
McLauchlan, E. M., Springhills, N.Z. Driving-mechanism for cycling-machines	16025	25 Feb. ..	18	5 March.*
McLean, J., and another, Wellington, N.Z. Tap	16037	2 March ..	21	19 March.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
McLean, R., Ranfurly, N.Z. Animal-trap	14595	7 March, 1902	6	23 Jan.
McLeod, A., Auckland, N.Z. Drill for boring holes in rocks ..	15869	10 Jan. ..	9	5 Feb.*
McLeod, A., Auckland, N.Z. Marking-stamp	16085	11 March ..	25	2 April.*
McQueen, J., and another, Dunedin, N.Z. Pedal action, &c., of cycle	16084	10 March ..	25	2 April.
McShane, F. J., and another, Omaha, U.S.A. Dry-ore concentrator. (R. E. and E. Waugh)	16010	21 Feb. ..	18	5 March.*
McShane, J. H., and another, Omaha, U.S.A. Dry-ore concentrator. (R. E. and E. Waugh)	16010	21 Feb. ..	18	5 March.
Mechanical Cashier Syndicate (Limited), The, London, Eng. (See W. E. Hughes, No. 14809.)				
Meldrum, G., Dunedin, N.Z. Filter for tap	16064	6 March ..	21	19 March.*
Messenger, T. W., Quorn, S. Aust. Ear-trumpet	14721	8 April, 1902..	6	23 Jan.*
Millar, C. R. M., and others, Roodeport, Transvaal. Sharpening rock-drilling machine	15852	9 Jan. ..	..	..
Moore, N., and another, Invercargill, N.Z. Box for packing rabbits, fish, &c.	14778	17 April, 1902..	9	5 Feb.
Moore, R. J., Ruahine, N.Z. Milk-aerator	16026	25 Feb. ..	18	5 March.*
Morgan, H. E. J., Midland Junction, W.A. Tobacco-pipe ..	16055	6 March ..	21	19 March.*
Morgan, M. T., and another, Sydney, N.S.W. Coating wooden blocks with tar	16043	3 March ..	21	19 March.
Morgan, R. A., and another, Lyttelton, N.Z. Non-refillable bottle	15053	27 June, 1902	25	2 April.
Morony, J. M., Mudgee, N.S.W. Preventing horse running away with vehicle	16135	25 March ..	29	16 April.*
Morris, T., Dunedin, N.Z. Peg for rabbit-traps, tents, &c. ..	15920	27 Jan. ..	9	5 Feb.*
Moss, R., Chicago, U.S.A. (See L. Z. Leiter, No. 16138.)				
Mount, L. Le B., and another, Auckland, N.Z. Heat-economizer and smoke-consumer	15957	7 Feb. ..	18	5 March.*
Mount, L. Le B., Auckland, N.Z. Overalls	16165	30 March ..	29	16 April.*
Munson, C. W., Toledo, U.S.A. Compressor for gaseous fluid ..	16099	18 March ..	25	2 April.
Murie, R. M., Invercargill, N.Z. Causing explosion in oil-engines	15966	11 Feb. ..	13	19 Feb.*
Murnane, D. J., St. Louis, U.S.A. (See E. Waters, jun., No. 16066)				
Murphy, D., Tuamarina, N.Z. Plummer-block	14891	19 May, 1902..	9	5 Feb.
Murphy, J., Fordell, N.Z. Horse-cover	15500	10 Oct., 1902..	13	19 Feb.
Murray, A. C., and another, Cromwell, N.Z. Perambulator ..	14870	9 May, 1902..	21	19 March.
Napier, T., Hororata, N.Z. Boot-cleaner and knife-polisher ..	15859	9 Jan. ..	6	23 Jan.*
Nathan, A. H., Auckland, N.Z. Machine for packing tea. (F. H. Combes and W. F. Tucker)	15403	16 Sept., 1902	13	19 Feb.
Neal, C. C., Cambridge, N.Z. Holding cow's tail	16113	20 March ..	25	2 April.
Nelson, H. F., Christchurch, N.Z. Supporting clothes-line ..	16079	10 March ..	25	2 April.*
Newberry, F. J., and another, Geelong, Vic. Fire-box for copper ..	15853	9 Jan. ..	6	23 Jan.
Newson, C. M., and another, Auckland, N.Z. Applying tar to wooden blocks	15983	11 Feb. ..	21	19 March.*
Newson, C. M., and another, Auckland, N.Z. Mastic jointing material	16039	26 Feb. ..	21	19 March.*
Nicolle, W. E. H., and others, Beecroft, N.S.W. Fastening nail at joint	15985	18 Feb. ..	25	2 April.
Niccolls, A. E., Auckland, N.Z. Waste-converter	16179	31 March ..	43	28 May.
Noonan, J. H., and another, Auckland, N.Z. Billiard-rest ..	16158	28 March ..	29	16 April.*
O'Connor, T. B., and another, Auckland, N.Z. Billiard-rest ..	16158	28 March ..	29	16 April.*
Oppermann, C. T. J., London, Eng. Secondary battery	15960	10 Feb. ..	13	19 Feb.
Ormiston, J., Dunedin, N.Z. Ship's telegraph	15832	6 Jan. ..	6	23 Jan.*
Outred, J., and another, Dunedin, N.Z. Pedal-action, &c., of cycle	16084	10 March ..	25	2 April.
Palmer, J. E., Otokia, N.Z. Branding-compound	15837	5 Jan. ..	6	23 Jan.*
Park, T. M., Darrington, U.S.A. Ore-loader, &c.	16142	26 March ..	..	..
Parker, B., Coimadaí, Vic. Rabbit-destroyer	15985	13 Feb. ..	18	5 March.*
Parrott, E. J., Christchurch, N.Z. Slaking lime	14866	7 May, 1902..	25	2 April.
Parry, T. G. A., Christchurch, N.Z. Castor	15913	28 Jan. ..	9	5 Feb.*
Passow, H., Dr., Hamburg, Germany. Cement	15871	15 Jan. ..	9	5 Feb.
Paul, T. T., and another, Dunedin, N.Z. Account-books ..	15911	24 Jan. ..	9	5 Feb.*
Payne, F. W., Dunedin, N.Z. Protecting bucket-tumbler from wear	15939	2 Feb. ..	25	2 April.
Payne, W., and another, Orange, N.S.W. Treating copper-ores ..	15915	28 Jan. ..	9	5 Feb.
Pearson, W. H., Dunedin, N.Z. Forming sheet-metal into cubes ..	16114	18 March ..	29	16 April.
Penrose, H. A., Baltimore, U.S.A. Filling and sealing bottles. (E. D. Schmitt)	16071	10 March ..	21	19 March.
Perfection Blind and Lock-stitch Sewing-machine Company, The, Trenton, U.S.A. Blind-stitch sewing-machine. (C. F. Filor)	15842	6 Jan. ..	6	23 Jan.
Perrett, E., and another, Lewisham, Eng. Separation of oily impurities from water	15854	9 Jan. ..	6	23 Jan.
Phillips, E., Melbourne, Vic. Massage-machine. (F. King) ..	16049	4 March ..	21	19 March.
Pirrit, G., and another, Auckland, N.Z. Preventing horses from bolting	15947	4 Feb. ..	13	19 Feb.*
Plucknett, S. G., Sydney, N.S.W. Contrivance to reflect view of vehicle to tram-driver	16003	17 Feb. ..	18	5 March.*
Polter, R., Auckland, N.Z. Bottle-neck shape	16092	12 March ..	25	2 April.*
Pond, J. A., Auckland, N.Z. Sterilising bones, manures, &c. ..	15896	20 Jan. ..	9	5 Feb.*
Preston, H., and another, Invercargill, N.Z. Horse-collar ..	14568	28 Feb., 1902..	6	23 Jan.
Purser, A., and others, Roodeport, Transvaal. Sharpening rock-drilling machine	15852	9 Jan. ..	..	..
Quigley, W. D., and another, Newark, U.S.A. Leather-splitting machine	15963	10 Feb. ..	13	19 Feb.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Rangi, R. Te, and another, Palmerston N., N.Z. Saw-setting instrument	16122	24 March ..	25	2 April.*
Raymond, K., Invercargill, N.Z. Tea-infuser	15855	7 Jan. ..	6	23 Jan.*
Rayner, H. E. R., Oamaru, N.Z. Road-barrier	15949	3 Feb. ..	13	19 Feb.*
Rayward, H. H., and another, Wellington, N.Z. Apparatus for the sterilisation of milk, &c. (S. M. Barre)	15865	14 Jan. ..	6	23 Jan.
Rayward, H. H., and another, Wellington, N.Z. Discharging sewage upon filter-bed. (G. E. Ridgway)	15968	12 Feb. ..	21	19 March.
Regan, J. D., Coromandel, N.Z. Match	16086	14 March ..	25	2 April.*
Reid, A., Christchurch, N.Z. Smelting ironsand	16097	16 March ..	25	2 April.*
Reid, J. Herbert, N.Z. Preventing shear-blades from crossing ..	15976	10 Feb. ..	13	19 Feb.*
Reid, R. S., Timaru, N.Z. Window	14867	1 May, 1902 ..	9	5 Feb.
Reynolds, W. E., Dunedin, N.Z. Plough	15848	7 Jan. ..	6	23 Jan.
Richardson, E., Hawthorn, Vic. Electrical amalgamating, &c., apparatus	15000	13 June, 1902..	25	2 April.
Ridd, C., and another, Eltham, N.Z. Probe for teats of cows, &c..	15964	10 Feb. ..	13	19 Feb.*
Ridgway, G. E., Ashley, Eng. (See E. S. Baldwin and H. H. Rayward, No. 15968.)				
Rigby, J. S., Liverpool, Eng. Manufacture of brick and stone ..	15972	12 Feb. ..	13	19 Feb.
Roberts, E., and another, Dunedin, N.Z. Revolving screen ..	15874	14 Jan. ..	9	5 Feb.
Roberts, E., Dunedin, N.Z. Lower tumbler-shaft for dredge ..	16057	3 March ..	25	2 April.
Robertson, D., Wellington, N.Z. Mail-marking machine ..	14686	1 April, 1902..	6	23 Jan.
Robson, D. M., and another, St. Kilda, Vic. Cow-milking apparatus	16109	19 March ..	25	2 April.*
Roche, S., Greymouth, N.Z. Medicine for curing lumbago, &c. ..	15903	20 Jan. ..	13	19 Feb.
Rooke, T., and others, Newtown, N.S.W. Garbage destructor ..	16107	19 March ..	25	2 April.
Roussell, J., and another, Wellington, N.Z. Oiling carriage-axles ..	14766	18 April, 1902..	13	19 Feb.
Russell, T., Christchurch, N.Z. Street-sweeping machine ..	14921	26 May, 1902..	18	5 March.
Rutland, J., and another, Canvastown, N.Z. Rowlock ..	16027	25 Feb. ..	18	5 March.
Ryan, J., Ross, N.Z. Ear-marking appliance	16110	18 March ..	25	2 April.*
Salinger, J., Auckland, N.Z. Operating air-brakes on trains ..	15982	11 Feb. ..	18	5 March.
Sanders, R. D., Blackheath, Eng. Manufacture of compound wire bars and the like	14813	1 May, 1902..	9	5 Feb.
Schmitt, E. D., Baltimore, U.S.A. (See H. A. Penrose, No. 16071.)				
Schnetzer, K., Krammel, Austria. Soap-moulding machine ..	15727	3 Dec., 1902 ..	18	5 March.
Scott, C. W. B., Pietermaritzburg, Natal. Wall-distemper ..	15899	23 Jan. ..	9	5 Feb.
Seager, E., Wellington, N.Z. Grip-wheel for hauling ..	15944	5 Feb. ..	13	19 Feb.*
Seager, E., Wellington, N.Z. Compressor for wire ropes ..	15945	5 Feb. ..	13	19 Feb.*
Secor, J. A., New York, U.S.A. Explosion-motor ..	14571	3 March, 1902	18	5 March.
Seymour, H. A., Washington, U.S.A. Generation of steam from hot slag	15851	9 Jan. ..	6	23 Jan.
Shaw, S., East Richmond, Vic. Fittings for gas-burners ..	14899	22 May, 1902 ..	18	5 March.
Shepherd, J., Dunedin, N.Z. Recovering gold from black-sand ..	16123	24 March ..	25	2 April.*
Shepherd, J., Invercargill, N.Z. Driving log-hauling wagon ..	16124	24 March ..	25	2 April.*
Shely, A. M., and another, Louisville, U.S.A. Cleaning fibrous material	15940	5 Feb. ..	13	19 Feb.
Shely, W. A., and another, Louisville, U.S.A. Cleaning fibrous material	15940	5 Feb. ..	13	19 Feb.
Shine, T., Sydney, N.S.W. Parlour-game	16143	26 March ..	29	16 April.
Shipway, C. J., and another, Meningie, S. Aust. Sheep-shears ..	14932	29 May, 1902 ..	6	23 Jan.
Shuker, S., Addington, N.Z. Ends of rails for railways ..	16031	27 Feb. ..	21	19 March.*
Sim, W., Invercargill, N.Z. Milking-machine	16157	28 March ..	29	16 April.*
Smart, A., the younger, and others, Auckland, N.Z. Fire-escape ..	15967	10 Feb. ..	13	19 Feb.*
Smith, H., Kew, Vic. (See Artistic Woodwork Proprietary, Limited, No. 15993.)				
Smith, J. D., Dunedin, N.Z. Hair curler and waver	15930	29 Jan. ..	13	19 Feb.*
Smith, W. F., Anderson's Bay, N.Z. Wire-strainer	15954	5 Feb. ..	13	19 Feb.*
Smith, W. H., and another, Havelock, N.Z. Rowlock ..	16027	25 Feb. ..	18	5 March.
Somer, J., Maldon, Vic. Adjusting tire-bladders to cycles ..	15961	10 Feb. ..	13	19 Feb.*
Southward, P. E., Wellington, N.Z. Candle-guard	16111	20 March ..	25	2 April.*
Spragg, E., Auckland, N.Z. Sewing-machine attachment ..	16104	14 March ..	25	2 April.*
Stafford, G., and another, Wellington, N.Z. Dressing and washing <i>Phormium tenax</i>	15977	13 Feb. ..	13	19 Feb.*
Stanton, A. R., and another, Dunedin, N.Z. Raising sunken vessel	16096	16 March ..	25	2 April.*
Stanton, C. W., Mobile, U.S.A. Condensing-apparatus ..	15990	13 Feb. ..	18	5 March.
Staples, W., Wellington, N.Z. Boot	16007	20 Feb. ..	18	5 March.*
Stebbing, W. H., and another, Auckland, N.Z. Roller for type-writer	16093	12 March ..	25	2 April.*
Steele, E. G., and others, Dallas, U.S.A. Electrostatic-magnetic separator	15830	5 Jan. ..	6	23 Jan.*
Steele, W. L., and others, Dallas, U.S.A. Electrostatic-magnetic separator	15830	5 Jan. ..	6	23 Jan.*
Stephens, T., Brunswick, Vic. Retaining necktie in position ..	16062	6 March ..	21	19 March.*
Stevenson, T., Dunedin, N.Z. Metal mould or die	15902	23 Jan. ..	13	19 Feb.
Stewart, J., Invercargill, N.Z. Spreading polish on floor ..	16090	12 March ..	25	2 April.*
Stiggins, E. A., Beverly, U.S.A. (See United Shoe Machinery Company, No. 14882.)				
St. Louis Plate Glass Company, The, St. Louis, U.S.A. (See E. Waters, jun., No. 16066.)				
Storer, J., Melbourne, Vic. (See W. P. Jarvie, No. 15919.)				
Stuart, J., London, Eng. Boat-chock and disconnecting-grip ..	16046	4 March ..	21	19 March.*
Sutton, H. M., and others, Dallas, U.S.A. Electrostatic-magnetic separator	15830	5 Jan. ..	6	23 Jan.*
Svenska Centrifug Aktie Bolaget, Stockholm, Sweden. Centrifugal churn. (C. S. Berghmark)	14358	19 Dec., 1901 ..	2	8 Jan.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Swift, A. W., and another, Christchurch, N.Z. Mould or die for plastic materials	15907	27 Jan. ..	9	5 Feb.
Tandy, C., Wellington, N.Z. Lifting-trigger for telescope-ladder ..	14841	5 May, 1902 ..	13	19 Feb.
Tandy, C., Wellington, N.Z. Tire for vehicle-wheels ..	14842	5 May, 1902 ..	13	19 Feb.
Taplin, T., Dannevirke, N.Z. Raising liquids to a high level ..	14939	30 May, 1902 ..	9	5 Feb.
Taucher, I., Wellington, N.Z. Oiling vehicle-axes ..	15956	9 Feb. ..	13	19 Feb.*
Taylor, F. W., Wanganui, N.Z. Separation of iron from sand ..	16150	28 March ..	29	16 April.*
Thomas, W., Geraldine, N.Z. Changing photographic plates ..	16016	20 Feb. ..	18	5 March.*
Thompson, A., and another, Wellington, N.Z. Oiling carriage-axes	14766	18 April, 1902 ..	13	19 Feb.
Thomson, J., Invercargill, N.Z. Sluice-box ..	15849	5 Jan. ..	6	23 Jan.*
Thorstenson, A. T., and another, South Norsewood, N.Z. Cramp ..	15884	16 Jan. ..	9	5 Feb.*
Thrush, J., and others, Dulwich Hill, N.S.W. Garbage-destroyer	16107	19 March ..	25	2 April.
Tong, J. W., New Plymouth, N.Z. Siphon ..	15877	19 Jan. ..	9	5 Feb.
Tonkin, J. E., and others, Sydney, N.S.W. Fastening rail at joint	15995	18 Feb. ..	25	2 April.
Toogood, W., Featherston, N.Z. Fibre-washing machine ..	14715	7 April, 1902 ..	21	19 March.
Toogood, E. T., and others, Wanganui, N.Z. Tobacco-pipe ..	14774	19 April, 1902 ..	6	23 Jan.
Towgood, Y. S., and others, Wanganui, N.Z. Tobacco-pipe ..	14774	19 April, 1902 ..	6	23 Jan.
Trench, R. Le P., Darlinghurst, N.S.W. Hydrant-valve ..	16030	27 Feb. ..	21	19 March.
Trevelthick, J., Auckland, N.Z. Manufacture of broom-heads ..	15937	2 Feb. ..	13	19 Feb.
Tripe, J. D., Wanganui, N.Z. Apparatus for securing doors, &c. ..	15898	6 Jan. ..	6	23 Jan.*
Tucker, W. F., and another, Auckland, N.Z. (See A. H. Nathan, No. 15403.)				
Tully, B., Victor, U.S.A. Barrel filter ..	15870	15 Jan. ..	9	5 Feb.
Turnbull, T. O., Kawhia, N.Z. Device for carrying children ..	14716	7 April, 1902 ..	6	23 Jan.
Turnbull, W., Wellington, N.Z. Pivoting-arrangement for fan-lights, &c.	14978	9 June, 1902 ..	21	19 March.
Turner, D. L., Wellington, N.Z. Antiseptic match or torch ..	16060	7 March ..	21	19 March.*
Turri, G. G., Melbourne, Vic. Rotatable rabble for furnace. (T. Edwards)	15941	5 Feb. ..	13	19 Feb.*
Turri, G. G., Melbourne, Vic. Ore-roasting furnace. (T. Edwards)	15942	5 Feb. ..	13	19 Feb.*
Twomey, J. M., Temuka, N.Z. Paper-folding apparatus ..	16059	6 March ..	21	19 March.*
Union Steamship Company of New Zealand (Limited), The. Raft. (C. McDonald)	15975	12 Feb. ..	21	19 March.
United Shoe Machinery Company, Paterson, U.S.A. Heel-nailing machine. (B. F. Mayo)	14697	3 April, 1902 ..	13	19 Feb.
United Shoe Machinery Company, Paterson, U.S.A. Lasting-machine. (E. A. Stiggins)	14882	16 May, 1902 ..	25	2 April.
United Shoe Machinery Company, Paterson, U.S.A. Machine for compressing heels. (S. D. Leland)	15827	5 Jan. ..	6	23 Jan.*
United Shoe Machinery Company, Paterson, U.S.A. Machine for compressing heels. (C. L. Allen)	15828	5 Jan. ..	6	23 Jan.*
United Shoe Machinery Company, Paterson, U.S.A. Shoe-sewing machine. (F. L. Alley)	15834	7 Jan. ..	6	23 Jan.
United Shoe Machinery Company, Paterson, U.S.A. Apparatus for waxing threads. (F. L. Alley)	15938	4 Feb. ..	13	19 Feb.
United Shoe Machinery Company, Paterson, U.S.A. Fastening lacing-hook in shoe. (H. H. Eaton)	16108	19 March ..	25	2 April.
Urquhart, D., Islington, N.Z. Machine for printing sheep-bags ..	15891	20 Jan. ..	9	5 Feb.*
Verity, C. H., Wellington, N.Z. Heating water ..	15777	30 Dec., 1902 ..	13	19 Feb.*
Vibert, J. P., and another, Auckland, N.Z. Closet ..	15395	13 Sep., 1902 ..	9	5 Feb.
Vickers, T. H., Prahran, Vic. Shell for cream-separator ..	15900	21 Jan. ..	9	5 Feb.*
Volkers, E., Berlin, Germany. (See E. Waters, jun., No. 16044.)				
Walker, A., and another, Geelong, Vic. Fire-box for copper ..	15853	9 Jan. ..	6	23 Jan.
Walker, P. A., Patea, N.Z. Candlestick ..	15833	6 Jan. ..	6	23 Jan.*
Walker, R., Dunedin, N.Z. Liquid cooler and aerator ..	15923	27 Jan. ..	9	5 Feb.*
Wall, A. F., Dunedin, N.Z. Shield for busks of stays, &c. ..	14703	4 April, 1902 ..	6	23 Jan.
Wall, O., and another, New Plymouth, N.Z. Sash lock ..	16083	13 March ..	25	2 April.
Wallace, W. J., and another, Dunedin, N.Z. Tumbler for dredge-bucket	16145	23 March ..	29	16 April.*
Walters, W. B., Wellington, N.Z. Treating flax ..	15926	30 Jan. ..	9	5 Feb.*
Ward, A., Waikawa Valley, N.Z. Yoke for pigs ..	15901	21 Jan. ..	9	5 Feb.*
Warwood, J., Dunedin, N.Z. Tobacco-cutter ..	15950	3 Feb. ..	13	19 Feb.*
Waters, E., jun., Melbourne, Vic. Microtelephone. (E. Volkers) ..	16044	28 Feb. ..	21	19 March.
Waters, E., jun., Melbourne, Vic. Machinery for grinding and polishing glass. (St. Louis Plate Glass Company—D. J. Murnane)	16066	9 March ..	21	19 March.
Watkins, J. E., Tinwald, N.Z. Threshing-machine ..	16153	30 March ..	29	16 April.
Watson, G. H., Wellington, N.Z. Draught-excluder ..	15935	2 Feb. ..	13	19 Feb.*
Watson, G. H., Wellington, N.Z. Carrying hot cooking-utensils ..	15943	5 Feb. ..	13	19 Feb.*
Watson, J., and another, Sydney, N.S.W. Measuring-tap ..	16050	2 March ..	21	19 March.
Waugh, E., and another, Denver, U.S.A. (See F. J. and J. H. McShane, No. 16010.)				
Waugh, R. E., and another, Denver, U.S.A. (See F. J. and J. H. McShane, No. 16010.)				
Waygood, J. E., Waikumete, N.Z. Hinge for gates and doors ..	14858	8 May, 1902 ..	13	19 Feb.
Waymouth, J., Auckland, N.Z. Ship's raft ..	16028	23 Feb. ..	21	19 March.*
Weaver, A., Hastings, N.Z. Apparatus for washing wool ..	15519	14 Oct., 1902 ..	9	5 Feb.
Webb, J., Arrowtown, N.Z. Luring birds to take poison ..	16034	26 Feb. ..	21	19 March.*
Wellman, H. P., Melbourne, Vic. Elevating-gate ..	15962	10 Feb. ..	13	19 Feb.*
Westinghouse Brake Company (Limited). (See J. T. Hunter, No. 16012.)				

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

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

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

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

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

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Bag. (See Sheep-bag.)					
Ball-valve for water-cistern	W. A. J. Dutch and C. H. Barton	16102	18 March ..	25	2 April.
Ballot-box to indicate positions of horse in race	W. Lyons.. ..	16014	19 Feb. ..	18	5 March.*
Bandolier and rifle-carrier	E. H. B. Laing and G. W. Clarke	15999	16 Feb. ..	18	5 March.
Bark, Abstracting colouring-matter from..	G. H. Irvine	16048	4 March ..	21	19 March.
Barrel filter	B. Tully	15870	15 Jan. ..	9	5 Feb.
Barrier. (See Road-barrier.)					
Bars, Compound wire	R. D. Sanders	14818	1 May, 1902	9	5 Feb.
Battery. (See Medical battery, Secondary battery.)					
Bedstead, Angle-iron for	S., C., and A. Holmes	16119	21 March ..	37	14 May.
Beer tap	J. McLean and P. Ellis	16037	2 March ..	21	19 March.*
Beltting, Securing ends of machinery..	H. F. Mander and F. Lewis	15987	17 Feb. ..	18	5 March.*
Bicycle, Adjusting duplicate rubber tire to	J. Somer	15961	10 Feb. ..	13	19 Feb.*
Bicycle driving-gear	H. A. Ladbrook	15955	6 Feb. ..	13	19 Feb.*
Bicycle, Preventing skidding of	S. Butler	16178	31 March ..	29	16 April.
Bicycle-pump	H. F. Mander and F. Lewis	15986	17 Feb. ..	18	5 March.*
Billiard-rest	J. H. Noonan and T. B. O'Connor	16158	28 March ..	29	16 April.*
Billiard-table in ship, Mounting	W. McKenzie	15979	14 Feb. ..	13	19 Feb.*
Birds, Poisoning	J. Webb	16034	26 Feb. ..	21	19 March.*
Bit, Bridle	J. Coop	16087	14 March ..	25	2 April.*
Blackberry-destroying preparation	T. M. Hickman	16063	6 March ..	21	19 March.*
Black sand, Recovering gold from	J. Shepherd	16123	24 March ..	25	2 April.*
Blasting holes, Laying dust made in	T. J. Britten	15840	8 Jan. ..	6	23 Jan.
Blind-stitching sewing-machine	The Perfection Blind and Lock Stitch Sewing-machine Company	15842	6 Jan. ..	6	23 Jan.
Blocks, Artificial-stone	R. W. England, jun.	15991	13 Feb. ..	18	5 March.*
Block-tarring apparatus	T. Willmot and M. T. Morgan	16043	3 March ..	21	19 March.
Blood-manures, Sterilising	J. A. Pond	15896	20 Jan. ..	9	5 Feb.*
Boat-chock, Lowering and canting	J. Stuart	16046	4 March ..	21	19 March.*
Boat-rowlock	J. Rutland and W. H. Smith	16027	25 Feb. ..	18	5 March.
Boiler-furnace	H. E. Leighton	16116	21 March ..	..	..
Boiler used in brewery, &c.	J. H. Gattsche	16126	25 March ..	25	2 April.*
Boiling tar to paving, Applying	C. M. Newson and M. Coulson	15983	11 Feb. ..	21	19 March.*
Bolting, Preventing horse	T. Betts and G. Pirrit	15947	4 Feb. ..	13	19 Feb.*
Bolting, Preventing horse	F. Matthews	15948	6 Feb. ..	13	19 Feb.*
Bolting, Preventing horse	W. Campbell	16072	10 March ..	21	19 March.*
Bolting, Preventing horse	J. M. Morony	16135	25 March ..	29	16 April.*
Bolting, Preventing horse	D. Matheson	16155	31 March ..	29	16 April.*
Bones, &c., Sterilising	J. A. Pond	15896	20 Jan. ..	9	5 Feb.*
Book. (See Account-book.)					
Book-leaf holder	G. S. Budge	16065	9 March ..	21	19 March.
Boot	W. Staples	16007	20 Feb. ..	18	5 March.*
Boot	P. Eskesen	16069	9 March ..	21	19 March.
Boot-cleaner and knife-polisher	T. Napier	15859	9 Jan. ..	6	23 Jan.*
Boot-heel	J. M. May	15861	12 Jan. ..	6	23 Jan.*
Boot-heel	A. L. Heighton	16136	24 March ..	29	16 April.*
Boot-heel, Elastic	J. C. and W. H. Harrop, and A. Linard	15931	29 Jan. ..	13	19 Feb.*
Boot-sole	E. Dimant	15101	10 July, 1902	6	23 Jan.
Borer for rock-boring	A. McLeod	15869	10 Jan. ..	9	5 Feb.*
Boring holes, Laying dust made in	T. J. Britten	15840	8 Jan. ..	6	23 Jan.
Bottle. (See Non-refillable bottle.)					
Bottle, Filling and sealing	H. A. Penrose	16071	10 March ..	21	19 March.
Bottle-neck	R. Potter	16092	12 March ..	25	2 April.*
Bottle-opener	S. White	15921	27 Jan. ..	9	5 Feb.*
Bottle, Preventing refilling of	R. Garnham	15952	6 Feb. ..	13	19 Feb.*
Bottle with liquid, Filling and stoppering	F. J. Fletcher	15997	18 Feb. ..	18	5 March.
Box for packing rabbits, &c.	W. Moore and C. T. Kiernan	14778	17 April, 1902	9	5 Feb.
Box or can, Sheet-metal	F. W. Feaver	15856	10 Jan. ..	9	5 Feb.
Braces	W. Greenshields	16115	21 March ..	25	2 April.*
Bracket, Scaffolding-	J. H. Fairhurst	16019	23 Feb. ..	18	5 March.
Brake. (See Westinghouse brake.)					
Brake, Air-, operating device	J. Salinger	15982	11 Feb. ..	18	5 March.
Brake-apparatus, Fluid-pressure	M. Corrington	15898	23 Jan. ..	9	5 Feb.
Branding-compound	J. E. Palmer	15837	5 Jan. ..	6	23 Jan.*
Branding-stamp	A. McLeod	16085	11 March ..	25	2 April.
Brewery, &c., Boiler used in	J. H. Gattsche	16126	25 March ..	25	2 April.*
Brick	J. S. Rigby	15972	12 Feb. ..	13	19 Feb.
Brick	E. Eaton	16074	11 March ..	..	..
Brick	E. Eaton	16075	11 March ..	..	..
Brickwork, &c., Rendering, impervious to water	J. J. Collins and R. D. Harman..	14930	29 May, 1902	9	5 Feb.
Bridle-bit	J. Coop	16087	14 March ..	25	2 April.*
Broom-head	J. Trevethick	15937	2 Feb. ..	13	19 Feb.
Broom-head, Securing handle to	D. M. Brooks	15980	14 Feb. ..	21	19 March.
Bucket carrier or wagon	H. W. Lovegrove	14928	24 May, 1902	21	19 March.
Bucket-tumbler from wear, Protecting	F. W. Payne	15939	2 Feb. ..	25	2 April.
Buffer for tipping-wagon	Sir W. G. Armstrong, Whitworth, and Co. (Limited)	16133	25 March ..	25	2 April.
Building, Portable	D. Brummer	15651	23 Nov., 1901†	18	5 March.
Building, Safely descending from	N. H. Whisker, A. Smart, jun., and J. Wilson	15967	10 Feb. ..	13	19 Feb.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Burner. (See Gas-burner.)	A. F. Wall	14703	4 April, 1902	6	23 Jan.
Busk, Shield for stay-	A. H. Brownley and T. B. Jacobsen	14856	8 May, 1902	13	19 Feb.
Button-fastener	L. G. W. Godden	15883	17 Jan.	9	5 Feb.*
Button-holes, Making					
Cable, Conduit for underground	T. E. Devonshire	16134	25 March	..	..
Cable-tramway, Signalling-apparatus for	W. J. Dunstan	16176	31 March	29	16 April.*
Can	E. Basil-Jones	15862	12 Jan.	6	23 Jan.*
Can, Opening, with wire	G. Holford	16121	23 March	29	16 April.*
Can or box, Sheet-metal	F. W. Feaver	15856	10 Jan.	9	5 Feb.
Candle-extinguisher	J. G. Bartlett	16128	21 March	25	2 April.*
Candle-guard	P. E. Southward	16111	20 March	25	2 April.*
Candlestick	P. A. Walker	15833	6 Jan.	6	23 Jan.*
Candlestick, Sconce for	A. R. Hardy	15875	14 Jan.	9	5 Feb.*
Canting boat-chock, &c.	J. Stuart	16046	4 March	21	19 March.*
Carbonaceous liquid as fuel, Using	F. Cotton	15318	28 Aug., 1902	18	5 March.
Carbonating and aerating liquid	F. J. Fletcher	15996	18 Feb.	18	5 March.
Card. (See Letter-card.)					
Carriage-axle oiler	A. Thompson and J. Roussell	14766	18 April, 1902	13	19 Feb.
Carrying children, Device for	T. O. Turnbull	14716	7 April, 1902	6	23 Jan.
Cashier, register, &c., Mechanical	W. E. Hughes	14809	1 May, 1902	9	5 Feb.*
Castor	T. G. A. Parry	15913	28 Jan.	9	5 Feb.*
Castrating, &c., lambs	J. Dignan	16120	19 March	25	2 April.*
Catch for window	J. T. Young and J. Wren	15839	8 Jan.	6	23 Jan.
Cement	Dr. H. Passow	15871	15 Jan.	9	5 Feb.
Centrifugal separator	P. W. Lindberg	16073	11 March	25	2 April.
Cereals, Sowing	W. E. Chamberlain	15806	23 Dec., 1902	21	19 March.
Chair, &c., Revolving	H. J. Bettany	15866	14 Jan.	6	23 Jan.*
Changing and developing photographic films	W. Thomas	16016	20 Feb.	18	5 March.*
Children, Device for carrying	T. O. Turnbull	14716	7 April, 1902	6	23 Jan.
Children, Rocker for	J. R. Flanagan	16118	21 March	25	2 April.*
Chock. (See Boat-chock.)					
Churn	Svenska Centrifug Aktie Bolaget	14358	19 Dec., 1901	2	8 Jan.
Cistern. (See Closet-cistern.)					
Cleaner. (See Fibrous-material cleaner, Knife-cleaner.)					
Clip for holding smoking-pipe	G. Aldous	15934	16 Feb.	18	5 March.
Closet	J. P. Vibert and G. Cozens	15935	13 Sept., 1902	9	5 Feb.
Closet-cistern valve	J. Cook	14880	15 May, 1902	13	19 Feb.
Clothes, Airing and drying	W. B. Giesen	15878	19 Jan.	9	5 Feb.*
Clothes-line strainer	W. Anderson	15889	20 Jan.	9	5 Feb.*
Clothes-line support	H. F. Nelson	16079	10 March	25	2 April.*
Coating wooden blocks with tar	T. Willmot and M. T. Morgan	16043	3 March	21	19 March.
Codlin-moth, Destruction of	A. W. Harris	16098	14 March	..	..
Coking-oven	L. Z. Leiter	16138	26 March	25	2 April.
Collar. (See Horse-collar.)					
Collar, Retaining necktie on	T. Stephens	16062	6 March	21	19 March.*
Combustion-chamber for washing copper	F. J. Newberry and A. Walker	15853	9 Jan.	6	23 Jan.
Compasses, Drawing-	D. W. Macdonald	16024	25 Feb.	18	5 March.*
Compensator, Vehicle weight-	M. Browne	15889	20 Jan.	9	5 Feb.*
Compound dredge-winch	W. Cutten	15857	8 Jan.	6	23 Jan.
Compounded steam-engine	R. P. Gibbons	15537	18 Oct., 1902	18	5 March.
Compressed-air, Raising liquid by	T. Taplin	14939	30 May, 1902	9	5 Feb.
Compressing heel	United Shoe Machinery Company	15827	5 Jan.	6	23 Jan.*
Compressing heel	United Shoe Machinery Company	15828	5 Jan.	6	23 Jan.*
Compressor for gaseous fluid	C. W. Munson	16099	18 March	25	2 April.
Compressor for wire rope	E. Seager	15945	5 Feb.	13	19 Feb.*
Concentrating, &c., machine, Electrical	E. Richardson	15000	13 June, 1902	25	2 April.
Concentrator	J. S. Brownell	15843	7 Jan.	6	23 Jan.
Concentrator, Dry-ore	F. J. and J. H. McShane	16010	21 Feb.	18	5 March.
Condensing-apparatus	C. W. Stanton	15990	13 Feb.	18	5 March.
Connecting ends of rails	S. Shuker	16031	27 Feb.	21	19 March.*
Controlling horse, Attachable gear for	J. H. Grattan	16013	19 Feb.	18	5 March.
Converter, Waste-	A. E. Niccolls	16179	31 March	43	28 May.
Cooking-utensil, Carrying hot	G. H. Watson	15943	5 Feb.	13	19 Feb.*
Cooler	R. Walker	15923	27 Jan.	9	5 Feb.*
Copper, Combustion chamber, &c., for	F. J. Newberry and A. Walker	15853	9 Jan.	6	23 Jan.
Copper-ore, Treating	W. Payne and J. H. Gillies	15915	28 Jan.	9	5 Feb.
Coriaceous material	W. S. Lawson	16002	17 Feb.	18	5 March.*
Couch-grass land, Cultivator for	A. Busch	16053	3 March	21	19 March.*
Coupling, Railway rolling-stock	C. A. Johnson	15969	12 Feb.	13	19 Feb.*
Cover. (See Animal-cover, Horse-cover.)					
Cover for hay, &c., stack	H. Ham	16018	23 Feb.	25	2 April.*
Cow-leg holder	W. A. Collins	15425	19 Sept., 1902	9	5 Feb.
Cow-leg holder	W. S. Harkness	15858	9 Jan.	6	23 Jan.
Cow-leg, Securing	F. H. Aussen	15867	14 Jan.	6	23 Jan.
Cow-tail holder	C. C. Neel	16113	20 March	25	2 April.
Cow-milking apparatus	J. Hartnett and D. M. Robison	16109	19 March	25	2 April.*
Cow, Probe for teat of	C. Ridd and C. E. Young	15964	10 Feb.	13	19 Feb.*
Cramp, Flooring-	J. Collinge, jun., and A. T. Thorstenson	15884	16 Jan.	9	5 Feb.*
Cramp, Picture-frame	A. J. H. Lange and H. White	15893	20 Jan.	9	5 Feb.*
Crane	H. Brown	16101	18 March	25	2 April.*
Cream-separator, Shell for	T. H. Vickery	15900	21 Jan.	9	5 Feb.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cube, Forming sheet-metal into	W. H. Pearson	16114	18 March	29	16 April.
Cucumber-slicer	M. C. Cossar	16156	31 March	29	16 April.*
Cultivator	A. Busch	16053	3 March	21	19 March.*
Curler and waver, Hair	J. D. Smith	15930	29 Jan.	13	19 Feb.*
Current operated receiver	R. A. Fessenden	15847	7 Jan.	6	23 Jan.
Cushioned furniture	W. Aggers	15885	19 Jan.	9	5 Feb.*
Cutter. (See Mitre-cutter, Tobacco-cutter.)					
Cycle, Auxiliary driving-mechanism for	E. M. McLauchlan	16025	25 Feb.	18	5 March.*
Cycle, Pedal-action and speed of	J. Outred and J. McQueen	16884	10 March	25	2 April.
Cycling-machine	E. M. McLauchlan	15988	7 Feb.	18	5 March.*
Damper-regulator	F. Bonnington	15025	23 June, 1902	25	2 April.
Decorating woodwork	Artistic Woodwork Proprietary (Limited)	15993	18 Feb.	18	5 March.*
Descending from building	N. H. Whisker, A. Smart, jun., and J. Wilson	15967	10 Feb.	13	19 Feb.*
Destroying blackberry-bush, &c.	T. M. Hickman	16063	6 March	21	19 March.*
Destroying codlin-moth, &c.	A. W. Harris	16093	14 March		
Destroying noxious plants, &c.	J. Findlay	16009	18 Feb.	18	5 March.*
Destroying rabbits, &c.	B. Parker	15985	13 Feb.	18	5 March.*
Destructor, Garbage-	T. Rooke, J. Thrush, and T. F. W. Early	16107	19 March	25	2 April.
Detecting and localising mineral deposit	W. E. Hughes	16076	11 March		
Developing and changing photographic plates	W. Thomas	16016	20 Feb.	18	5 March.*
Die for plastic material	A. W. Swift and R. Hall	15907	27 Jan.	9	5 Feb.
Dipping sheep, Apparatus for	S. E. Denniston	15992	13 Feb.	18	5 March.*
Disc-plough	F. A. Brand	15925	30 Jan.		
Dispensing aerated liquids	J. Fletcher	16011	21 Feb.	18	5 March.
Distemper, Wall-	C. W. B. Scott	15899	23 Jan.	9	5 Feb.
Distillatory apparatus	D. R. S. Galbraith	16103	14 March	25	2 April.*
Distributing sewage on to filter-bed	E. S. Baldwin and H. H. Rayward	15968	12 Feb.	21	19 March.
Docking, &c., lambs	J. Dignan	16120	19 March	25	2 April.*
Doors, Hanging	R. L. Lockerie	15922	27 Jan.	9	5 Feb.*
Doors, windows, &c., Securing	J. D. Tripe	15838	6 Jan.	6	23 Jan.*
Drafting sheep, Apparatus for	J. Dick	16006	20 Feb.	18	5 March.
Draught-excluder	G. H. Watson	15935	2 Feb.	13	19 Feb.*
Draught-excluder for door	E. R. Ludbrook, A. B. and G. C. Jackson	15222	5 Aug., 1902	6	23 Jan.
Drawing-compasses	D. W. Macdonald	16024	25 Feb.	18	5 March.*
Drawing off aerated liquid	J. Fletcher	16011	21 Feb.	18	5 March.
Drawing off beer, &c., Tap for	J. McLean and P. Ellis	16037	2 March	21	19 March.*
Drawing off liquid from container	T. H. Ibbotson	16112	20 March	25	2 April.*
Drawing off liquid from tin	G. Helleur	16042	3 March	21	19 March.
Dredge, Bottom tumbler of	J. Duncan	15841	8 Jan.	6	23 Jan.*
Dredge-bucket tumbler	F. J. Davys and W. J. Wallace	16145	23 March	29	16 April.*
Dredge lower-tumbler shaft	E. Roberts	16057	3 March	25	2 April.
Dredge-winch, Compound	W. Cutten	15857	8 Jan.	6	23 Jan.
Dressing and washing <i>Phormium tenax</i>	G. Stafford and A. C. S. French	15977	18 Feb.	13	19 Feb.*
Dressing fur on skins	C. Anderson	16141	26 March	25	2 April.
Drier and conditioner, Grain	H. Harraway	16068	9 March	21	19 March.
Drill for rock-boring	A. McLeod	15869	10 Jan.	9	5 Feb.*
Drilling machine, Sharpening rock-	A. Purser, F. W. Jenkins, and C. R. M. Millar	15852	9 Jan.		
Driver, Reflecting view of car to	S. G. Plucknett	16003	17 Feb.	18	5 March.*
Driving-gear for bicycle	H. A. Ladbrook	15955	6 Feb.	13	19 Feb.*
Driving-mechanism for cycle	E. M. McLauchlan	16025	25 Feb.	18	5 March.*
Drying and airing clothes	W. B. Giesen	15878	19 Jan.	9	5 Feb.*
Duplicate tires, Adjusting, to bicycle	J. Somer	15961	10 Feb.	13	19 Feb.*
Dust-excluder for door	E. R. Ludbrook, A. B. and G. C. Jackson	15222	5 Aug., 1902	6	23 Jan.
Dusting floors and walls	H. H. Henderson	14955	5 June, 1902	18	5 March.
Dust of blasting, Laying	T. J. Britten	15840	8 Jan.	6	23 Jan.
Ear-marking appliance	J. Ryan	16110	18 March	25	2 April.*
Ear-marking, &c., lambs	J. Dignan	16120	19 March	25	2 April.*
Ear-trumpet	T. W. Messenger	14721	8 April, 1902	6	23 Jan.
Economizer. (See Fuel-economizer, Heat-economizer.)					
Eggs, Preserving	R. W. Ashcroft, W. J. Maddren, and S. Ashcroft	16095	16 March	25	2 April.*
Elastic heel for boot, &c.	J. C. Harrop, W. H. Harrop, and A. Linard	15931	29 Jan.	13	19 Feb.*
Electrical amalgamating, &c., apparatus	E. Richardson	15000	13 June, 1902	25	2 April.
Electrically lighting train	A. B. Gill	15909	27 Jan.	9	5 Feb.
Electrically separating iron from sand	F. W. Taylor	16150	23 March	29	16 April.*
Electric current for electrolysis, Generating	F. E. Elmore	16077	11 March	25	2 April.
Electric current, Obtaining unidirectional	J. P. Campbell	15906	27 Jan.	9	5 Feb.
Electric-lighting system	J. F. McElroy	16082	12 March	25	2 April.
Electric railway, Signalling-system for	W. E. Hughes	15908	27 Jan.	9	5 Feb.
Electro-deposition of metals	R. D. Sanders	14813	1 May, 1902	9	5 Feb.
Electrolysis, Generating electric current for	F. E. Elmore	16077	11 March	25	2 April.
Electro-magnetic railway-traction	D. W. Balch	15826	5 Jan.	6	23 Jan.
Electro-magnetic separator	R. McKnight	16106	19 March	25	2 April.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Electro-magnetic waves, Current-operated receiver for	R. A. Fessenden	15847	7 Jan. ..	6	23 Jan.
Electro-magnetic waves, Signalling by ..	R. A. Fessenden	15846	7 Jan. ..	6	23 Jan.
Electrostatic-magnetic separator ..	E. G. Steele and W. Folsetter ..	15830	5 Jan. ..	6	23 Jan.*
Elevating gate for farmers, &c. ..	H. P. Wellman	15962	10 Feb. ..	13	19 Feb.*
Embossing machine, Tape-	H. J. Ellis	15994	18 Feb. ..	18	5 March.
Engine-governor	W. J. M. Harvey	15835	7 Jan. ..	6	23 Jan.*
Engine, Rotary fluid-	Cooley Development Company ..	16100	18 March ..	25	2 April.
Escape. (See Fire-escape.)					
Evaporation-apparatus	D. R. S. Galbraith	16103	14 March ..	25	2 April.*
Explosion in gas-engine, &c., Causing ..	R. M. Murie	15966	11 Feb. ..	13	19 Feb.*
Explosion-motor	J. A. Secor	14571	3 March ..	18	5 March.
Explosive-matter in mine, Preventing accumulation of	J. B. Daniels	16125	24 March ..	25	2 April.*
Extinguisher. (See Candle-extinguisher, Spark-extinguisher.)					
Extinguishing fire, Generating gas for ..	The Clayton Fire-extinguishing and Ventilating Company (Ltd.)	15844	7 Jan. ..	6	23 Jan.
Extracting gold from river material ..	E. de N. de Loitte	16144	24 March ..	29	16 April.*
Fanlight, Pivoting-arrangement for	W. Turnbull	14978	9 June, 1902	21	19 March.
Fastener. (See Button-fastener, Horse-cover fastener, Mat-fastener, Sash-fastener.)					
Fastening lacing-hook in shoe	United Shoe Machinery Company	16108	19 March ..	25	2 April.
Fastening of rails, Securing	J. E. Tonkin, W. Ames, and W. E. H. Nicolle	15995	18 Feb. ..	25	2 April.
Feed-water heater, Engine	W. I. Aston	16020	24 Feb. ..	18	5 March.*
Feeding machine, Tape	A. J. Ellis	15994	18 Feb. ..	18	5 March.
Fence, Wire	J. Harris	15831	5 Jan. ..	6	23 Jan.
Ferrule for umbrella, Sliding	J. Coventry	15989	14 Feb. ..	18	5 March.*
Fibre-washing, &c., machine	W. Toogood	14715	7 April, 1902	21	19 March.
Fibrous-material cleaner and breaker ..	W. A. and A. M. Shely	15940	5 Feb. ..	13	19 Feb.
Fibrous material, Dressing and washing ..	G. Stafford and A. C. S. French..	15977	13 Feb. ..	13	19 Feb.*
Filling and sealing bottle	H. A. Penrose	16071	10 March ..	21	19 March.
Filling and stoppering bottle	F. J. Fletcher	15997	18 Feb. ..	18	5 March.
Filter, Barrel	B. Tully	15870	15 Jan. ..	9	5 Feb.
Filter-bed with automatic discharge ..	J. B. King	15860	8 Jan. ..	6	23 Jan.*
Filter-bed, Distributing sewage into	E. S. Baldwin and H. H. Rayward	15968	12 Feb. ..	21	19 March.
Filter for tap	G. Meldrum	16064	6 March ..	21	19 March.*
Fire-box for washing copper	F. J. Newberry and A. Walker ..	15853	9 Jan. ..	6	23 Jan.
Fire-escape	D. M. Brooks	15864	13 Jan. ..	9	5 Feb.*
Fire-escape	N. H. Whisker, A. Smart, jun., and J. Wilson	15967	10 Feb. ..	13	19 Feb.*
Fire-escape	H. G. Escher	16033	24 Feb. ..	21	19 March.
Fire-extinguishing, Generation of gas for..	The Clayton Fire-extinguishing and Ventilating Company (Ltd.)	15844	7 Jan. ..	6	23 Jan.
Fish-plate bolt, Locking-device for ..	W. Wilkinson	16154	30 March ..	29	16 April.*
Flax-machine	W. B. Walters	15926	30 Jan. ..	9	5 Feb.*
Flax-stripper, Plummer-block for ..	D. Murphy	14891	19 May, 1902	9	5 Feb.
Floor, Spreading polish on	J. Stewart	16090	12 March ..	25	2 April.*
Flooring-cramp	J. Collinge, jun., and A. T. Thorstenson	15884	16 Jan. ..	9	5 Feb.*
Floors, &c., Dusting, cleaning, &c. ..	H. H. Henderson	14955	5 June, 1902	18	5 March.
Fluid-pressure brake-apparatus	M. Corrington	15898	23 Jan. ..	9	5 Feb.
Folding. (See Paper-folding.)					
Friction-springs	P. Hien	15973	12 Feb. ..	..	..
Frictional-resistance device	J. T. Hunter	16012	21 Feb. ..	43	28 May.
Front facing driver, Reflecting view of car to	S. G. Plucknett	16003	17 Feb. ..	18	5 March.*
Fuel. (See Artificial fuel.)					
Fuel-economizer for boilers	G. W. Basley	15998	16 Feb. ..	18	5 March.
Fuel, Using carbonaceous liquid as ..	F. Cotton	15818	28 Aug., 1902	18	5 March.
Fumigation, Generating gas for	The Clayton Fire-extinguishing and Ventilating Company (Ltd.)	15844	7 Jan. ..	6	23 Jan.
Fur on skin, Dressing	C. Anderson	16141	26 March ..	25	2 April.
Furnace, Boiler-	H. E. Leighton	16116	21 March ..	..	..
Furnace, Ore-roasting	G. G. Turri	15942	5 Feb. ..	13	19 Feb.*
Furnace, Rotatable rabble for	G. G. Turri	15941	5 Feb. ..	13	19 Feb.*
Furnace, Steam-boiler	G. W. Basley	15998	16 Feb. ..	18	5 March.
Furnace, Supplying steam and air to ..	G. Claydon	15061	30 June, 1902	18	5 March.
Furniture, Cushioned	W. Aggers	15885	19 Jan. ..	9	5 Feb.*
Gallery for lamp-chimney	R. N. Adams	15932	30 Jan. ..	13	19 Feb.*
Game, Parlour-	T. Shine	16143	26 March ..	29	16 April.
Garbage-destroyer	T. Rooke, J. Thrush, and T. F. W. Early	16107	19 March ..	25	2 April.
Gas-burner, Self-lighting fitting for ..	S. Shaw	14899	22 May, 1902	18	5 March.
Gas-engine, Causing explosion in	R. M. Murie	15966	11 Feb. ..	13	19 Feb.*
Gas-engine, Rendering noiseless	B. Crawford	15882	15 Jan. ..	18	5 March.*
Gas, Generation of	W. H. Brooks	15959	10 Feb. ..	13	19 Feb.*
Gas, Generation of, for fumigation, &c. ..	The Clayton Fire-extinguishing and Ventilating Company (Ltd.)	15844	7 Jan. ..	6	23 Jan.
Gaseous-fluid compressor	C. W. Munson	16099	18 March ..	25	2 April.
Gate, Elevating	H. P. Wellman	15962	10 Feb. ..	13	19 Feb.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Gate-fastening	A. W. Giles	16021	25 Feb. ..	..	..
Gate-hinge	S. G. Jeffs	15897	23 Jan. ..	9	5 Feb.*
Gearing, Variable-speed	W. N. Dumaresq	16088	13 March ..	25	2 April.
Gelatine, Manufacture of	W. Cormack and J. G. F. Lowson	15767	17 Dec., 1902	21	19 March.
Generating electric current	F. E. Elmore	16077	11 March ..	25	2 April.
Generating steam from hot slag	H. A. Seymour	15851	9 Jan. ..	6	23 Jan.
Generation of gas	W. H. Brooks	15959	10 Feb. ..	13	19 Feb.*
Generation of gas for fumigation, &c.	The Clayton Fire-extinguishing and Ventilating Company (Ltd.)	15844	7 Jan. ..	6	23 Jan.
Gig-seat	A. C. Atkin	16051	2 March ..	21	19 March.*
Glass, Grinding and polishing	E. Waters, jun.	16066	9 March ..	21	19 March.
Gold from black sand, Recovering	J. Shepherd	16123	24 March ..	25	2 April.*
Gold-saving apparatus	C. Corr	16001	17 Feb. ..	18	5 March.*
Gold, Treating river-material for	E. de N. de Loitte	16144	24 March ..	29	16 April.*
Governor, Engine-	W. J. M. Harvey	15835	7 Jan. ..	6	23 Jan.*
Grader, Road scoop and	A. W. Elder	16151	24 March ..	29	16 April.
Grain-dresser of thresher	J. E. Watkins	16153	30 March ..	29	16 April.
Grain drier and conditioner	H. Harraway	16068	9 March ..	21	19 March.
Grass-seed stripper	C. S. Alington	15981	13 Feb. ..	18	5 March.
Grinding and polishing glass	E. Waters, jun.	16066	9 March ..	21	19 March.
Grip for handle of shears	S. F. Clare	15946	2 Feb. ..	13	19 Feb.*
Grip, Lowering, &c., boat-chook and	J. Stuart	16046	4 March ..	21	19 March.*
Grip-wheel for hauling	E. Seager	15944	5 Feb. ..	13	19 Feb.*
Grubber	J. Coop	16147	27 March ..	29	16 April.*
Guard-attachment to sheep-shears	J. McGrath	16056	6 March ..	21	19 March.
Guard, Candle	P. E. Southward	16111	20 March ..	25	2 April.*
Hair curler and waver	J. D. Smith	15930	29 Jan. ..	13	19 Feb.*
Hair-pin	C. J. Cooze	16047	4 March ..	21	19 March.*
Halls, &c., Ventilating	J. D. Kelly, D. P. Fisher, and N. V. G. Wix	14952	4 June, 1902	21	19 March.
Hand-power punching-machine	D. Donald	14559	25 Feb., 1902	6	23 Jan.
Handle for tennis-racquet, &c.	W. R. Cooper	15876	14 Jan. ..	9	5 Feb.*
Handle of sheep-shears, Grip for	S. F. Clare	15946	2 Feb. ..	13	19 Feb.*
Handling material, System of	H. W. Blaisdell	15836	7 Jan. ..	6	23 Jan.
Hanging sash and slide	W. J. Alexander	16067	9 March ..	37	14 May.
Harvester, Sheaf-carrier of	J. V. Fahy	14637	15 March, '02	6	23 Jan.
Haulage, Compressor for	E. Seager	15945	5 Feb. ..	13	19 Feb.*
Hauling, Grip-wheel for	E. Seager	15944	5 Feb. ..	13	19 Feb.*
Haystack-cover	H. Ham	16018	23 Feb. ..	25	2 April.*
Heat-economizer, &c.	G. Fraser and L. Le B. Mount	15957	7 Feb. ..	18	5 March.*
Heat-economizer, &c.	H. E. Leighton	16117	21 March ..	..	..
Heater, Feed-water	W. I. Aston	16020	24 Feb. ..	18	5 March.*
Heating water	C. H. Verity	15777	30 Dec., 1902	13	19 Feb.*
Heel, Boot-	A. L. Heighton	16136	24 March ..	29	16 April.*
Heel, Boot and shoe	J. M. May	15861	12 Jan. ..	6	23 Jan.*
Heel, Boot and shoe elastic	J. C. and W. H. Harrop, and A. Linard	15931	29 Jan. ..	13	19 Feb.*
Heel-compressing machine	United Shoe Machinery Company	15827	5 Jan. ..	6	23 Jan.*
Heel-compressing machine	United Shoe Machinery Company	15828	5 Jan. ..	6	23 Jan.*
Heel-nailing machine	United Shoe Machinery Company	14697	3 April, 1902	13	19 Feb.
Height-adjusting window-attachment	H. Agar	16045	4 March ..	21	19 March.*
Hinge	J. E. Waygood	14858	8 May, 1902	13	19 Feb.*
Hinge, Gate-	S. G. Jeffs	15897	23 Jan. ..	9	5 Feb.*
Holder. (See Book-leaf holder, Cow-leg holder, Cow-tail holder.)					
Hook, Adjustable kettle-	F. H. Green	15904	26 Jan. ..	9	5 Feb.*
Hook, Split-link, &c.	J. Holms, jun.	15933	30 Jan. ..	13	19 Feb.*
Horse bolting with vehicle, Means for preventing	W. Campbell	16072	10 March ..	21	19 March.*
Horse-collar	H. O. Cassels and H. Preston	14568	28 Feb., 1902	6	23 Jan.
Horse-controlling gear	J. H. Grattan	16013	19 Feb. ..	18	5 March.*
Horse-cover	A. Hodge and W. Jones	14966	2 June, 1902	21	19 March.
Horse-cover fastener	J. Murphy	15500	10 Oct., 1902	13	19 Feb.
Horse, Preventing from bolting	T. Betts and G. Pirrit	15947	4 Feb. ..	13	19 Feb.*
Horse, Preventing from bolting	F. Matthews	15948	6 Feb. ..	13	19 Feb.*
Horse, Preventing from bolting	J. M. Morony	16135	25 March ..	29	16 April.*
Horse, Preventing from bolting	D. Matheson	16155	31 March ..	29	16 April.*
Horseshoes	S. G. Dickson	16029	27 Feb. ..	21	19 March.*
Hose, &c.	J. Glossop	16130	21 March ..	25	2 April.*
Hot cooking-utensils, Carrying	G. H. Watson	15943	5 Feb. ..	13	19 Feb.*
Hub for vehicle, Pneumatic	J. R. Hayne	16041	3 March ..	21	19 March.
Hydrant-valve	R. Le P. French	16030	27 Feb. ..	21	19 March.
Impervious to water, Making brickwork, &c.	J. J. Collins and R. D. Harman	14930	29 May, 1902	9	5 Feb.
Indicating approach of train	J. Cotterell and C. McIntyre, jun.	14297	2 Dec., 1901	9	5 Feb.
Indicating position of horse in race	W. Lyons	16014	19 Feb. ..	18	5 March.*
Infuser, Tea-	K. Raymond	15855	7 Jan. ..	6	23 Jan.*
Iron from sand, Separating	F. W. Taylor	16150	28 March ..	29	16 April.*
Ironsand, Extracting titanium from	C. F. Lungley	15917	29 Jan. ..	9	5 Feb.*
Ironsand, Making pig-iron, &c., from	C. F. Lungley	15918	29 Jan. ..	9	5 Feb.*
Ironsand, Smelting	A. Reid	16097	16 March ..	25	2 April.*
Joint. (See Metal-pipe joint.)					
Jointing-material for wood-paving, Mastic	C. M. Newson and M. Coulson	16039	26 Feb. ..	21	19 March.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Kettle-hook, Adjustable	F. H. Green	15904	26 Jan. ..	9	5 Feb.*
Kettle or pan bottom	H. E. Wilson	16052	2 March ..	21	19 March.*
Knife-cleaner	T. Wilkins	16023	25 Feb. ..	18	5 March.*
Knife-polisher and boot-cleaner	T. Napier	15859	9 Jan. ..	6	23 Jan.*
Lacing-hook in shoe, Fastening	United Shoe Machinery Company	16108	19 March ..	25	2 April.
Ladder trigger or lock	C. Tandy	14841	5 May, 1902 ..	13	19 Feb.
Lamp. (See Miners' safety-lamp.)					
Lamp-chimney, Gallery for	R. N. Adams	15932	30 Jan. ..	13	19 Feb.
Lamp, Oil	J. F. C. Farquhar	14688	1 April, 1902 ..	6	23 Jan.
Lasting-machine	United Shoe Machinery Company	14882	16 May, 1902 ..	25	2 April.
Latch fastening for gate, Drop- Latrine, &c., Flushing	A. W. Giles	16021	25 Feb. ..	..	..
Laying dust made in boring hole	J. L. Williams	16164	30 Dec., 1902 ..	..	..
Leather, and treating same	T. J. Britten	15840	8 Jan. ..	6	23 Jan.
Leather-splitting machine	P. Magnus	16139	26 March ..	29	16 April.*
Leaves of book, Holding	W. D. Quigley and J. H. Gay	15963	10 Feb. ..	13	19 Feb.
Leaves of music, Turning	G. S. Budge	16065	9 March ..	21	19 March.*
Leaves of music, Turning	C. D. Hamilton	16080	12 March ..	25	2 April.*
Leg of cow, Holding	J. J. Bryers	15916	28 Jan. ..	9	5 Feb.*
Leg of cow, Holding	W. A. Collins	15425	19 Sept., 1902 ..	9	5 Feb.
Leg of cow, Holding	W. S. Harkness	15858	9 Jan. ..	6	23 Jan.
Leg of cow, Securing	F. H. Aussen	15867	14 Jan. ..	6	23 Jan.
Letter-card, Pictorial	A. McKee	15905	26 Jan. ..	9	5 Feb.*
Letter-stamping machine, Automatic	J. H. Husband	15829	5 Jan. ..	6	23 Jan.*
Level, Spirit	F. W. Crowther	16061	6 March ..	21	19 March.*
Life-saving raft	H. Williams	15934	2 Feb. ..	13	19 Feb.*
Lighting system, Electric	J. F. McElroy	16082	12 March ..	25	2 April.
Lighting trains, Electrically	A. B. Gill	15909	27 Jan. ..	9	5 Feb.
Lime-slaking apparatus	E. J. Parrott.	14866	7 May, 1902 ..	25	2 April.
Lime, Treating	B. Eldred	16137	26 March ..	29	16 April.*
Line. (See Clothes-line.)					
Liquid-distribution	E. S. Baldwin and H. H. Ray- ward	15968	12 Feb. ..	21	19 March.
Liquid from container, Drawing off	T. H. Ibbotson	16112	20 March ..	25	2 April.*
Liquid to high level, Raising	T. Taplin	14939	30 May, 1902 ..	9	5 Feb.
Loader, Ore	T. M. Park	16142	26 March ..	..	..
Localising and detecting mineral deposit	W. E. Hughes	16076	11 March ..	..	..
Lock. (See Ladder-lock, Sash-lock.)					
Locking-device for fish-plate bolt	W. Wilkinson	16154	30 March ..	29	16 April.*
Locking-nut device	G. Beaumont	16149	25 March ..	29	16 April.*
Locking-nut device	G. Beaumont	16175	31 March ..	29	16 April.*
Log-hauling tramway-wagon, Driving	J. Shepherd	16124	24 March ..	25	2 April.*
Loose leaf account-book	T. Foster and T. T. Paul	15911	24 Jan. ..	9	5 Feb.*
Lowering and canting boat-chock	J. Stuart	16046	4 March ..	21	19 March.*
Lubricator, Automatic	E. A. Holden	15873	12 Jan. ..	9	5 Feb.
Machinery-beltting, Securing ends of	H. F. Mander and F. Lewis	15987	17 Feb. ..	18	5 March.*
Magnetic separation of iron from sand	F. W. Taylor	16150	28 March ..	29	16 April.*
Magnetic separator, Electro-	R. McKnight	16106	19 March ..	25	2 April.*
Magnetic separator, Electrostatic	E. G. Steele and W. Folsetter	15830	5 Jan. ..	6	23 Jan.*
Mail-marking machine	D. Robertson	14686	1 April, 1902 ..	6	23 Jan.
Manure, Artificial	E. T. Horne and G. L. Jones	16035	26 Feb. ..	25	2 April.
Marking and branding stamp	A. McLeod	16085	11 March ..	25	2 April.*
Martingale	W. G. Geary	14943	31 May, 1902 ..	25	2 April.
Mash-tun and wort-separator	M. Henius	16089	12 March ..	25	2 April.
Massage-machine	E. Phillips	16049	4 March ..	21	19 March.
Mastic jointing-material for paving	C. M. Newson and M. Coulson	16039	26 Feb. ..	21	19 March.*
Mat-fastener	A. O. Bridgman	14822	30 April, 1902 ..	9	5 Feb.
Match	H. Christensen	15863	13 Jan. ..	6	23 Jan.
Match	J. D. Regan	16086	14 March ..	25	2 April.
Match, Antiseptic	D. L. Turner	16060	7 March ..	21	19 March.*
Measuring-tap	J. Watson and A. W. Crane	16050	2 March ..	21	19 March.
Mechanically propelled vehicle	T. W. Barber	16129	21 March ..	29	16 April.
Medical battery	W. J. Barrie	15927	31 Jan. ..	13	19 Feb.
Medicine	S. Roche	15903	20 Jan. ..	13	19 Feb.
Metal. (See also Sheet-metal.)					
Metal mould and press	T. Stevenson	15902	23 Jan. ..	13	19 Feb.
Metal-pipe ring and joint	G. J. Hoskins	15974	12 Feb. ..	13	19 Feb.
Meter, Toe-piece for water-	B. Crawford	16032	28 Feb. ..	21	19 March.*
Microtelephone	E. Waters, jun.	16044	28 Feb. ..	21	19 March.
Milk-aerator	R. J. Moore	16026	25 Feb. ..	18	5 March.*
Milking apparatus, Cow-	J. Hartnett and D. M. Robison	16109	19 March ..	25	2 April.*
Milking-apparatus, Pneumatic	A. Gillies	16022	25 Feb. ..	18	5 March.*
Milking-machine	G. Hutchinson	15894	23 Jan. ..	9	5 Feb.*
Milking-machine	W. Sim	16157	28 March ..	29	16 April.*
Milk-sterilising apparatus	E. S. Baldwin and H. H. Rayward	15865	14 Jan. ..	6	23 Jan.
Mine, Preventing accumulation of explo- sive-matter in	J. B. Daniels	16125	24 March ..	25	2 April.*
Mine, Purification of air in	W. P. Jarvie	15919	29 Jan. ..	9	5 Feb.*
Mineral deposit, Detecting, &c.	W. E. Hughes	16076	11 March ..	..	..
Miners' safety-lamp	A. Hankinson	15914	28 Jan. ..	9	5 Feb.
Minimising smoke in furnace	G. W. Basley	15998	16 Feb. ..	18	5 March.
Mitre-cutting device	R. Dunne	15881	15 Jan. ..	9	5 Feb.*
Mooring-apparatus	W. Beamish	16058	3 March ..	21	19 March.*
Motor	S. Jones	15936	2 Feb. ..	13	19 Feb.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Motor car, Preventing side-slip of	S. Butler ..	16178	31 March ..	29	16 April.
Motor, Explosion- ..	J. A. Secor ..	14571	3 March, '02	18	5 March.
Motor, Steam-turbine ..	J. and E. H. Friend ..	16105	16 March ..	25	2 April.*
Mould. (See Metal-mould, Soap-mould.)					
Mould for artificial stone ..	L. P. Ford ..	16131	25 March ..	25	2 April.
Mould for plastic material ..	A. W. Swift and R. Hall ..	15907	27 Jan. ..	9	5 Feb.
Moving liquid, Self-tilting table for	R. Harvey and C. J. Bruce ..	16132	25 March ..	25	2 April.
Mowing-machine ..	J. W. Latimer ..	16081	12 March ..	25	2 April.
Music-turner ..	J. J. Bryers ..	15916	28 Jan. ..	9	5 Feb.*
Music-turner ..	C. D. Hamilton ..	16080	12 March ..	25	2 April.*
Navigation of river ..	W. Wickens ..	16148	25 March ..	29	16 April.
Neck of bottle ..	R. Potter ..	16092	12 March ..	25	2 April.*
Necktie, Retaining in position ..	T. Stephens ..	16062	6 March ..	21	19 March.*
Noiseless, Making gas or oil engine	B. Crawford ..	15882	15 Jan. ..	18	5 March.*
Non-refillable bottle ..	R. A. Morgan and C. S. Johnston ..	15053	27 June, 1902	25	2 April.
Non-refillable bottle ..	N. D. Hood ..	15879	17 Jan. ..	9	5 Feb.*
Noxious plants, &c., Destroying	J. Findlay ..	16009	18 Feb. ..	18	5 March.*
Nut and washer, Self tightening	T. Hewton ..	15880	15 Jan. ..	9	5 Feb.
Nut, Locking-device for ..	G. Beaumont ..	16149	25 March ..	29	16 April.*
Nut, Locking-device for ..	G. Beaumont ..	16175	31 March ..	29	16 April.*
O.G. spouting ..	J. P. Evans ..	14942	24 May, 1902	18	5 March.
Oil-engine, Causing explosion in	R. M. Murie ..	15966	11 Feb. ..	13	19 Feb.*
Oil-engine, Rendering noiseless	B. Crawford ..	15882	15 Jan. ..	18	5 March.*
Oil-lamp ..	J. F. C. Farquhar ..	14688	1 April, 1902	6	23 Jan.
Oil-separator ..	J. Chambers and Son (Limited) ..	14670	25 Mar., 1902	25	2 April.
Oiler, carriage-axle ..	A. Thompson and J. Roussell ..	14766	18 April, 1902	13	19 Feb.
Oiling vehicle-axle ..	I. Taucher ..	15956	9 Feb. ..	13	19 Feb.*
Oily impurities from water, Separating	H. T. Davis and E. Perrett ..	15854	9 Jan. ..	6	23 Jan.
Opening soda-water bottle ..	S. White ..	15921	27 Jan. ..	9	5 Feb.*
Opening tins with wire ..	G. Holford ..	16121	23 March ..	29	16 April.*
Operating air-brake on train ..	J. Salinger ..	15982	11 Feb. ..	18	5 March.
Ore concentrator, Dry-	F. J. and J. H. McShane ..	16010	21 Feb. ..	18	5 March.
Ore-loader ..	T. M. Park ..	16142	26 March ..	..	..
Ore-roasting furnace ..	G. G. Turri ..	15942	5 Feb. ..	13	19 Feb.*
Ore, Treating copper-	W. Payne and J. H. Gillies ..	15915	28 Jan. ..	9	5 Feb.
Oven, Coking-	L. Z. Leiter ..	16138	26 March ..	25	2 April.
Overalls ..	L. Le B. Mount ..	16165	30 March ..	29	16 April.*
Packing rabbits, &c., Box for ..	W. Moore and C. T. Kiernan ..	14778	17 April, 1902	9	5 Feb.
Packing tea, Machine for ..	A. H. Nathan ..	15403	16 Sept., 1902	13	19 Feb.
Pan or kettle bottom ..	H. E. Wilson ..	16052	2 March ..	21	19 March.*
Paper-folding machine ..	J. M. Twomey ..	16059	6 March ..	21	19 March.*
Parlour-game ..	T. Shine ..	16143	26 March ..	29	16 April.
Patrol, &c., vessel ..	A. N. Whitney ..	15958	7 Feb. ..	13	19 Feb.*
Pavement, Mastic jointing-material for wood	C. M. Newson and M. Coulson ..	16039	26 Feb. ..	21	19 March.*
Paving-block tarring apparatus ..	C. M. Newson and M. Coulson ..	15983	11 Feb. ..	21	19 March.*
Pedal-action of cycle ..	J. Outred and J. McQueen ..	16084	10 March ..	25	2 April.
Peg for fixing rabbit-trap, &c. ..	T. Morris ..	15920	27 Jan. ..	9	5 Feb.*
Perambulator ..	J. Ford and A. C. Murray ..	14870	9 May, 1902	21	19 March.
Perforating-attachment to sewing-machine	E. Spragg ..	16104	14 March ..	25	2 April.*
Phormium tenax, Dressing and washing ..	G. Stafford and A. C. S. French ..	15977	13 Feb. ..	13	19 Feb.*
Photographic plate, Changing and developing	W. Thomas ..	16016	20 Feb. ..	18	5 March.*
Pictorial letter-card ..	A. McKee ..	15905	26 Jan. ..	9	5 Feb.*
Picture-frame cramp ..	A. J. H. Lange and H. White ..	15893	20 Jan. ..	9	5 Feb.*
Pig-iron from ironsand, Making	C. F. Lungley ..	15918	29 Jan. ..	9	5 Feb.*
Pigs, Yoke for ..	A. Ward ..	15901	21 Jan. ..	9	5 Feb.*
Pipe. (See Metal-pipe, Smoking-pipe, Tobacco-pipe.)					
Pivoting-arrangement for faulight, &c. ..	W. Turnbull ..	14978	9 June, 1902	21	19 March.
Plant-thinner ..	D. Clark ..	16015	19 Feb. ..	18	5 March.*
Plastic material, Mould or die for	A. W. Swift and R. Hall ..	15907	27 Jan. ..	9	5 Feb.
Plough ..	W. E. Reynolds ..	15848	7 Jan. ..	6	23 Jan.
Plough, Disc-	F. A. Brand ..	15925	30 Jan. ..	..	..
Plough-share ..	A. M. White ..	14827	25 April, 1902	6	23 Jan.
Plough, Steering ..	E. M. McLauchlan ..	15898	19 Jan. ..	9	5 Feb.*
Plummer-block ..	D. Murphy ..	14891	19 May, 1902	9	5 Feb.
Pneumatic hub for vehicle	J. R. Hayne ..	16041	3 March ..	21	19 March.
Pneumatic milking-machine ..	A. Gillies ..	16022	25 Feb. ..	18	5 March.*
Pneumatic tire ..	P. Magnus ..	16140	26 March ..	25	2 April.
Poisoning birds ..	J. Webb ..	16034	26 Feb. ..	21	19 March.*
Polish on floor, Spreading ..	J. Stewart ..	16090	12 March ..	25	2 April.*
Polishing and grinding glass ..	E. Waters, jun. ..	16066	9 March ..	21	19 March.
Polishing floors, &c., Apparatus for	H. H. Henderson ..	14955	5 June., 1902	18	5 March.
Portable building ..	D. Brummer ..	15651	23 Nov., 1901†	18	5 March.
Preserving eggs, &c. ..	R. W. Ashcroft, W. J. Maddren, and S. Ashcroft ..	16095	16 March ..	25	2 April.*
Press. (See Metal-press, Trouser-press, Wool-press.)					
Printing-machine, Paper-folding apparatus for	J. M. Twomey ..	16059	6 March ..	21	19 March.*
Printing sheep-bags, &c. ..	D. Urquhart ..	15891	20 Jan. ..	9	5 Feb.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Probe for teat of cow	C. Ridd and C. E. Young	15964	10 Feb. ..	13	19 Feb.*
Protecting bucket-tumbler from wear	F. W. Payne	15939	2 Feb. ..	25	2 April.
Pump	W. H. Madill	14509	10 Feb., 1902	21	19 March.
Pump, Air and bicycle	H. F. Mander and F. Lewis	15986	17 Feb. ..	18	5 March.*
Punching-machine	D. Donald	14559	25 Feb., 1902	6	23 Jan.
Purification of air in mine-working	W. P. Jarvie	15919	29 Jan. ..	9	5 Feb.*
Rabbits, Destroying	H. B. Parker	15985	13 Feb. ..	18	5 March.*
Rabbits, fish, &c., Box for	W. Moore and C. T. Kiernan	14778	17 April, 1902	9	5 Feb.
Rabbit-skin, Dressing fur on	C. Anderson	16141	26 March ..	25	2 April.
Rabbit-trap	W. C. H. Hudson	15971	12 Feb. ..	13	19 Feb.
Rabbit-trap	S. F. Clare	16094	12 March ..	25	2 April.*
Rabbit-trap, Peg for	T. Morris	15920	27 Jan. ..	9	5 Feb.*
Rabble for furnace	G. G. Turri	15941	5 Feb. ..	13	19 Feb.*
Race, Indicating positions in horse-	W. Lyons	16014	19 Feb. ..	18	5 March.*
Race-starting gate	A. Lyell	14962	6 June, 1902	6	23 Jan.
Raft, Life-saving	H. Williams	15934	2 Feb. ..	13	19 Feb.*
Raft, Ship's	Union Steamship Company of New Zealand (Limited)	15975	12 Feb. ..	21	19 March.
Raft, Ship's	J. Waymouth	16028	23 Feb. ..	21	19 March.*
Rails, Connecting ends of	S. Shuker	16031	27 Feb. ..	21	19 March.*
Rails, Securing fastenings of	J. E. Tonkin, W. Ames, and W. E. H. Nicolle	15995	18 Feb. ..	25	2 April.
Railway. (See Electric railway.)					
Railway-brake, Fluid-pressure	M. Corrington	15898	23 Jan. ..	9	5 Feb.
Railway rolling-stock coupling	C. A. Johnson	15969	12 Feb. ..	18	19 Feb.*
Railway-traction, Electro-magnetic	D. W. Balch	15826	5 Jan. ..	6	23 Jan.
Rain-excluder for door	E. R. Ludbrook and A. B. and G. C. Jackson	15222	5 Aug., 1902	6	23 Jan.
Raising liquid to high level	T. Taplin	14939	30 May, 1902	9	5 Feb.
Raising sunken vessel	D. C. Groves and A. R. Stanton	16096	16 March ..	25	2 April.*
Razor, Safety-	K. C. Gillette	15872	15 Jan. ..	9	5 Feb.*
Receiver, Current-operated, for electro-magnetic waves	R. A. Fessenden	15847	7 Jan. ..	6	23 Jan.
Recorder, &c., Mechanical	W. E. Hughes	14809	1 May, 1902	(9)	5 Feb.
Recovering gold from black sand	J. Shepherd	16123	24 March ..	25	2 April.*
Reducing-valve	M. Lumley	15845	7 Jan. ..	6	23 Jan.
Refilling of bottle, Preventing	R. Garnham	15952	6 Feb. ..	13	19 Feb.*
Reflecting view of car to front facing driver	S. G. Plucknett	16003	17 Feb. ..	18	5 March.*
Register, &c., Mechanical	W. E. Hughes	14809	1 May, 1902	(9)	5 Feb.*
Regulator. (See Damper-regulator, Shear-regulator, Spring-regulator.)					
Resistance-device, Spring, &c.	J. T. Hunter	16012	21 Feb. ..	43	28 May.
Rest, Billiard-	J. H. Noonan and T. B. O'Connor	16158	28 March ..	29	16 April.*
Retaining necktie on collar	T. Stephens	16062	6 March ..	21	19 March.*
Revolving chair, table, &c.	H. J. Bettany	15866	14 Jan. ..	6	23 Jan.*
Revolving screen	W. McCallum	15874	14 Jan. ..	9	5 Feb.
Rifle-carrier, Bandolier and	E. H. B. Laing and G. W. Clarke	15999	16 Feb. ..	18	5 March.
Ring and joint. (See Metal-pipe ring and joint.)					
Ripening cream, &c.	E. S. Baldwin and H. H. Rayward	15865	14 Jan. ..	6	23 Jan.
River-material, Extracting gold from	E. de N. de Loitte	16144	24 March ..	29	16 April.*
River, Navigation of	W. Wickens	16148	25 March ..	29	16 April.
Road-barrier	H. E. R. Rayner	15949	3 Feb. ..	13	19 Feb.*
Road scoop and grader	A. W. Elder	16151	24 March ..	29	16 April.
Road-sweeper, &c.	W. Brierley and G. Fraser	16070	6 March ..	21	19 March.*
Roadster and gig seat	A. C. Atkin	16051	2 March ..	21	19 March.*
Roasting. (See Ore-roasting.)					
Rock boring, Drill for	A. McLeod	15869	10 Jan. ..	9	5 Feb.*
Rock-drilling machine, Sharpening	A. Purser, F. W. Jenkins, and C. R. M. Millar	15852	9 Jan. ..	..	..
Rocker	J. G. Bartlett	16127	21 March ..	29	16 April.*
Rocker for children	J. R. Flanagan	16118	21 March ..	25	2 April.*
Roller for typewriter	W. H. Stebbing and J. H. Colwill	16093	12 March ..	25	2 April.*
Rolling-stock coupling	C. A. Johnson	15969	12 Feb. ..	13	19 Feb.*
Rotary fluid-engine	Cooley Development Company	16100	18 March ..	25	2 April.
Rowlock, Boat-	J. Rutland and W. H. Smith	16027	25 Feb. ..	18	5 March.
Running away, Preventing horse from	W. Campbell	16072	10 March ..	21	19 March.*
Rusticated weatherboarding	T. Herbert	16005	17 Feb. ..	..	..
Safety-lamp, Miners'	A. Hankinson	15914	28 Jan. ..	9	5 Feb.
Safety-razor	K. C. Gillette	15872	15 Jan. ..	9	5 Feb.*
Sash, &c., Hanging	W. J. Alexander	16067	9 March ..	37	14 May.
Sash-fastener	A. W. F. Lorie	15929	30 Jan. ..	13	19 Feb.*
Sash-lock	O. Wall and R. C. Hughes	16083	13 March ..	25	2 April.
Sash, Supporting window-	H. E. M. Gordon	15928	31 Jan. ..	13	19 Feb.*
Sashes, Hanging	R. L. Lockerbie	15922	27 Jan. ..	9	5 Feb.*
Saw-setting instrument	G. R. Hamilton and R. Te Rangi	16122	24 March ..	25	2 April.*
Scaffolding-bracket	J. H. Fairhurst	16019	23 Feb. ..	18	5 March.
Sconce for candlestick	A. R. Hardy	15875	14 Jan. ..	9	5 Feb.*
Screen, Revolving	W. McCallum and E. Roberts	15874	14 Jan. ..	9	5 Feb.
Screenings, Making	R. Davidson	16152	26 March ..	..	..
Sealing and filling bottle	H. A. Penrose	16071	10 March ..	21	19 March.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Seat, Roadster and gig	A. C. Atkin	16051	2 March ..	21	19 March.*
Secondary battery	C. T. J. Oppermann	15960	10 Feb. ..	13	19 Feb.
Securing doors, windows, &c. ..	J. D. Tripe	15838	6 Jan. ..	6	23 Jan.*
Securing ends of machinery-belt	H. F. Mander and F. Lewis ..	15987	17 Feb. ..	18	5 March.*
Securing fastening of rails ..	J. E. Tonkin, W. Ames, and W. E. H. Nicolle	15995	18 Feb. ..	25	2 April.
Securing front of animal-cover ..	A. S. Hasell	16038	2 March ..	21	19 March.*
Securing handle to broom-head ..	D. M. Brooks	15980	14 Feb. ..	21	19 March.
Seed sower	W. E. Chamberlain	15806	23 Dec. ..	21	19 March.
Seed-sower	H. Kerr	15910	24 Jan. ..	9	5 Feb.*
Seed-sowing apparatus	M. McCormick	14727	7 April, 1902 ..	6	23 Jan.
Selective signalling by electro-magnetic waves	R. A. Fessenden	15846	7 Jan. ..	6	23 Jan.
Selenotrope and Tellurian	A. Hosking	15895	20 Jan. ..	13	19 Feb.
Self-lighting fitting for gas-burner ..	S. Shaw	14899	22 May, 1902 ..	18	5 March.
Self-tightening nut and washer ..	T. Hewton	15880	15 Jan. ..	9	5 Feb.
Self-tilting table	R. Harvey and C. J. Bruce ..	16132	25 March ..	25	2 April.
Separating iron from sand	F. W. Taylor	16150	28 March ..	29	16 April.*
Separating oily impurities from water ..	H. T. Davis and E. Perrett ..	15854	9 Jan. ..	6	23 Jan.
Separator. (See Centrifugal separator, Cream-separator, Magnetic separator, Oil-separator.)					
Sewage on to filter-beds, Distributing ..	E. S. Baldwin and H. H. Rayward ..	15968	12 Feb. ..	21	19 March.
Sewing-machine, Perforating-attachment to Sewing-machine. (See Blind-stitch sewing-machine, Shoe-sewing machine.)	E. Spragg	16104	14 March ..	25	2 April.*
Shaft, Dredge-tumbler	E. Roberts	16057	3 March ..	25	2 April.
Sheaf-carrier of harvester	J. V. Fahey	14637	15 March, '02 ..	6	23 Jan.
Shear-blades crossing, Preventing ..	J. Reid	15976	10 Feb. ..	13	19 Feb.*
Shear-regulator	C. V. Affleck	15953	5 Feb. ..	13	19 Feb.*
Shearing-machine, Metal	D. Donald	14559	25 Feb., 1902 ..	6	23 Jan.
Shears, Thumb and guard attachment for	J. McGrath	16056	6 March ..	21	19 March.
Sheep-bags, Printing	D. Urquhart	15891	20 Jan. ..	9	5 Feb.*
Sheep-dipping apparatus	S. E. Denniston	15992	13 Feb. ..	18	5 March.
Sheep-drafting apparatus	J. Dick	16006	20 Feb. ..	18	5 March.
Sheep-shears	C. J. Shipway and H. May ..	14932	29 May, 1902 ..	6	23 Jan.
Sheep-shears	H. Hartree	16054	4 March ..	21	19 March.*
Sheep-shears, Grip for handle of	S. F. Clare	15946	2 Feb. ..	13	19 Feb.*
Sheet-metal can or box	F. W. Feaver	15856	10 Jan. ..	9	5 Feb.
Sheet metal into cubes, Forming ..	W. H. Pearson	16114	18 March ..	29	16 April.
Shell for cream-separator	T. H. Vickery	15900	21 Jan. ..	9	5 Feb.*
Shield for stay-busk	A. F. Wall	14703	4 April, 1902 ..	6	23 Jan.
Ship, Mounting billiard-table in	W. McKenzie	15979	14 Feb. ..	13	19 Feb.*
Ship's raft	Union Steamship Company of New Zealand (Limited)	15975	12 Feb. ..	21	19 March.
Ship's raft	J. Waymouth	16028	23 Feb. ..	21	19 March.*
Ship's telegraph	J. Ormiston	15832	6 Jan. ..	6	23 Jan.*
Shoe, Fastening lacing-hooks in	United Shoe Machinery Company ..	16108	19 March ..	25	2 April.
Shoe-sewing machine	United Shoe Machinery Company ..	16108	19 March ..	25	2 April.
Side-slip of cycle, Preventing ..	S. Butler	16178	31 March ..	29	16 April.
Signalling-apparatus for cable-tramway	W. J. Dunstan	16176	31 March ..	29	16 April.*
Signalling by electro-magnetic waves ..	R. A. Fessenden	15846	7 Jan. ..	6	23 Jan.
Signalling-system for electric railway ..	W. E. Hughes	15908	27 Jan. ..	9	5 Feb.
Single or poly-phase current source, Obtaining unidirectional current from	J. P. Campbell	15898	23 Jan. ..	9	5 Feb.
Siphon	J. W. Tong	15877	19 Jan. ..	9	5 Feb.
Skidding of cycle, &c., Preventing ..	S. Butler	16178	31 March ..	29	16 April.
Skylight	J. D. Florant	15970	12 Feb. ..	13	19 Feb.*
Slag, Generating steam from hot ..	H. A. Seymour	15851	9 Jan. ..	6	23 Jan.
Slaking lime, Apparatus for	E. J. Parrott	14866	7 May, 1902 ..	25	2 April.
Slicer, Cucumber, &c.	M. C. Cossar	16156	31 March ..	29	16 April.*
Sluice-box, Withdrawing material from	J. Thomson	15849	5 Jan. ..	6	23 Jan.*
Smelting ironsand	A. Reid	16097	16 March ..	25	2 April.*
Smoke-abatement arrangement	G. Fraser and L. Le B. Mount ..	15957	7 Feb. ..	18	5 March.*
Smoke-consumer	H. E. Leighton	16117	21 March ..	..	..
Smoke-minimiser	G. W. Basley	15998	16 Feb. ..	18	5 March.
Smoke or spark arrester	B. Crawford	15882	15 Jan. ..	18	5 March.*
Smoking-pipe clip	G. Aldous	15984	16 Feb. ..	18	5 March.
Soap-moulding machine	K. Schnetzer	15727	3 Dec., 1902 ..	18	5 March.
Sodawater-bottle opener	S. White	15921	27 Jan. ..	9	5 Feb.*
Sole for boot or shoe	E. Dimant	15101	10 July, 1902 ..	6	23 Jan.
Sower. (See Seed-sower.)					
Sowing seed and cereals	W. E. Chamberlain	15806	23 Dec., 1902 ..	21	19 March.
Spark-arrester	H. Gunn	14859	6 May, 1902 ..	13	19 Feb.*
Spark-arrester	B. Crawford	15882	15 Jan. ..	18	5 March.*
Spark-extinguisher	C. W. Haines	14857	8 May, 1902 ..	13	19 Feb.
Speed-gearing. (See Pedal-action and speed, Variable-speed gearing.)					
Spinning-top	J. C. Corbett	16181	31 March ..	29	16 April.*
Spirit-level	F. W. Crowther	16061	6 March ..	21	19 March.*
Split-link, hook, &c.	J. Holms, jun.	15933	30 Jan. ..	13	19 Feb.*
Splitting. (See Leather-splitting.)					
Spouting	J. P. Evans	14942	24 May, 1902 ..	18	5 March.
Spreading polish on floors	J. Stewart	16090	12 March ..	25	2 April.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Spring-catch for windows ..	J. T. Young and J. Wren ..	15839	8 Jan. ..	6	23 Jan.
Spring-regulator, &c., for vehicle ..	M. Browne ..	15890	16 Jan. ..	9	5 Feb.*
Spring-resistance device ..	J. T. Hunter ..	16012	21 Feb. ..	43	28 May.
Springs, Friction- ..	P. Hien ..	15973	12 Feb. ..	..	..
Stack, Cover for hay, &c. ..	H. Ham ..	16018	23 Feb. ..	25	2 April.*
Stamp, Marking or branding ..	A. McLeod ..	15085	11 March ..	25	2 April.*
Stamping letters, packets, &c., Automatic ..	J. H. Husband ..	15829	5 Jan. ..	6	23 Jan.*
Stamping machine, &c., Metal- ..	D. Donald ..	14559	25 Feb., 1902	6	23 Jan.
Starting-gate, Race ..	A. Lyell ..	14962	6 June, 1902	6	23 Jan.
Stay-busk shields ..	A. F. Wall ..	14703	4 April, 1902	6	23 Jan.
Steam and air to furnace, Supplying ..	G. Claydon ..	15061	30 June, 1902	18	5 March.
Steam-boiler furnace ..	G. W. Basley ..	15998	16 Feb. ..	18	5 March.
Steam-engine, Compounded ..	R. P. Gibbons ..	15537	18 Oct., 1902	18	5 March.
Steam from hot slag, Generating ..	H. A. Seymour ..	15851	9 Jan. ..	6	23 Jan.
Steam-turbine ..	G. Westinghouse ..	16017	23 Feb. ..	18	5 March.
Steam-turbine motor ..	J. and E. H. Friend ..	16105	16 March ..	25	2 April.*
Steering plough, Means for ..	E. M. McLauchlan ..	15888	19 Jan. ..	9	5 Feb.*
Sterilising bones, &c. ..	J. A. Pond ..	15896	20 Jan. ..	9	5 Feb.*
Sterilising milk, &c. ..	E. S. Baldwin and H. H. Rayward ..	15865	14 Jan. ..	6	23 Jan.
Stirring auriferous material ..	P. Ferguson ..	15965	11 Feb. ..	..	..
Stone. (See Artificial stone.)					
Stonework impervious to water, Making ..	J. J. Collins and R. D. Harman ..	14930	29 May, 1902	9	5 Feb.
Stop for holding tipping-waggon ..	Sir W. G. Armstrong, Whitworth, and Co. (Limited) ..	16133	25 March ..	25	2 April.
Stoppering and filling bottle ..	F. J. Fletcher ..	15997	18 Feb., 1902	18	15 March.
Strainer. (See Clothes-line strainer, Wire-strainer.)					
Street-sweeping machine ..	T. Russell ..	14921	26 May, 1902	13	5 March.
Stretchers. (See Trouser-stretcher.)					
Stripper for grass-seed ..	C. S. Alington ..	15981	13 Feb. ..	18	5 March.
Sunken vessel, Raising ..	D. C. Groves and A. R. Stanton ..	16096	16 March ..	25	2 April.*
Supplying steam and air to furnace ..	G. Claydon ..	15061	30 June, 1902	18	5 March.
Supporting clothes-line ..	H. F. Nelson ..	16079	10 March ..	25	2 April.*
Suspenders ..	W. Greenshields ..	16115	21 March ..	25	2 April.*
Sweeper and collector, Road ..	W. Brierley and G. Fraser ..	16070	6 March ..	21	19 March.*
Sweeping machine, Street- ..	T. Russell ..	14921	26 May, 1902	18	5 March.
Swinging window, Pivoting-arrangement for ..	W. Turnbull ..	14978	9 June, 1902	21	19 March.
Swingle-tree iron ..	W. D. Wilson ..	16146	25 March ..	29	16 April.*
Synthesis, Producing ammonia by ..	H. C. Woltereck ..	15892	21 Jan. ..	9	5 Feb.
System of handling material ..	H. W. Blaisdell ..	15836	7 Jan. ..	6	23 Jan.
Table, Revolving ..	H. J. Bettany ..	15866	14 Jan. ..	6	23 Jan.
Tail of cow, Holding ..	C. C. Neal ..	16113	20 March ..	25	2 April.
Tan, Extracting, from bark ..	G. H. Irvine ..	16048	4 March ..	21	19 March.
Tap ..	G. Helleur ..	16042	3 March ..	21	19 March.
Tap, Filter for ..	G. Meldrum ..	16064	6 March ..	21	19 March.*
Tap for drawing off beer, &c. ..	J. McLean and P. Ellis ..	16037	2 March ..	21	19 March.*
Tap, Measuring- ..	J. Watson and A. W. Crane ..	16050	2 March ..	21	19 March.
Tape embossing, &c., machine ..	A. J. Ellis ..	15994	18 Feb. ..	18	5 March.
Tar, Applying boiling, to wood blocks ..	C. M. Newson and M. Coulson ..	15983	11 Feb. ..	21	19 March.*
Tarring apparatus, Block- ..	T. Willmot and M. T. Morgan ..	16043	3 March ..	21	19 March.
Tea-infuser ..	K. Raymond ..	15855	7 Jan. ..	6	23 Jan.*
Tea-packing machine ..	A. H. Nathan ..	15403	16 Sept., 1902	13	19 Feb.
Teat of cow, Probe for ..	C. Ridd and C. E. Young ..	15964	10 Feb. ..	13	19 Feb.*
Telegraph, Ship's ..	J. Ormiston ..	15832	6 Jan. ..	6	23 Jan.*
Tellurian and selenotrope ..	A. Hosking ..	15895	20 Jan. ..	13	19 Feb.
Tennis-racquet handle ..	W. R. Cooper ..	15876	14 Jan. ..	9	5 Feb.*
Tent-rope, Peg for fixing ..	T. Morris ..	15920	27 Jan. ..	9	5 Feb.*
Thinning plants sown in ridges ..	D. Clark ..	16015	19 Feb. ..	18	5 March.*
Thread-waxing apparatus ..	United Shoe Machinery Company ..	15938	4 Feb. ..	13	19 Feb.
Threshing-machine, Grain-dresser of ..	J. E. Watkins ..	16153	30 March ..	29	16 April.
Thumb and guard attachment to sheep-shears ..	J. McGrath ..	16056	6 March ..	21	19 March.
Tin, Opening, with wire ..	G. Holford ..	16121	23 March ..	29	16 April.*
Tin, Tap for ..	G. Helleur ..	16042	3 March ..	21	19 March.
Tipping-wagon ..	Sir W. G. Armstrong, Whitworth, and Co. (Limited) ..	16133	25 March ..	25	2 April.
Tire ..	C. Tandy ..	14842	5 March, '02	13	19 Feb.
Tire, Pneumatic ..	P. Magnus ..	16140	26 March ..	25	2 April.
Titanium from ironsand, Extracting ..	C. F. Lungley ..	15917	29 Jan. ..	9	5 Feb.*
Tobacco-cutter ..	J. Warwood ..	15950	3 Feb. ..	13	19 Feb.*
Tobacco-pipe ..	E. T. Towgood, Y. S. Towgood, and J. Allison ..	14774	19 April, 1902	6	23 Jan.
Tobacco-pipe ..	H. E. J. Morgan ..	16055	6 March ..	21	19 March.*
Toe-piece for water-meter ..	B. Crawford ..	16032	28 Feb. ..	21	19 March.*
Top, Spinning- ..	J. C. Corbett ..	16181	31 March ..	29	16 April.*
Torch, Antiseptic ..	D. L. Turner ..	16060	7 March ..	21	19 March.*
Traction. (See Railway-traction.)					
Train, Electrically lighting ..	A. B. Gill ..	15909	27 Jan. ..	9	5 Feb.
Train, Indicating approach of ..	J. Cotterill and C. McIntyre, jun. ..	14297	2 Dec., 1901	9	5 Feb.
Tramcar, Reflecting view of, to driver ..	S. G. Plucknett ..	16003	17 Feb. ..	18	5 March.*
Tramway, Signalling-apparatus for cable- ..	W. J. Dunstan ..	16176	31 March ..	29	16 April.*
Trap. (See Animal-trap, Rabbit-trap.)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Tread for boot or shoe, Divided	E. Dimant	15101	10 July, 1902	6	23 Jan.
Treating lime	B. Eldred	16137	26 March	29	16 April.*
Trigger. (See Ladder-trigger.)					
Triple valve of Westinghouse brake	W. J. Hopkirk and G. Gilpin	15868	14 Jan.	6	23 Jan.*
Tripping-block	G. Davidson	14558	24 Feb., 1902	13	19 Feb.
Trough for underground cable.	T. E. Devonshire	16134	25 March		
Trouser press and stretcher	A. G. Barton	16078	10 March	25	2 April.*
Trousers, Working-men's	L. Le B. Mount	16165	30 March	29	16 April.*
Trumpet, Ear-	T. W. Messenger	14721	8 April, 1902	6	23 Jan.
Tumbler, Dredge-	T. J. Davys and W. J. Wallace	16145	23 March	29	16 April.*
Tumbler of dredge, Bottom	J. Duncan	15841	8 Jan.	6	23 Jan.*
Tumbler, Protecting bucket-	F. W. Payne	15939	2 Feb.	25	2 April.
Tumbler shaft, Dredge lower-	E. Roberts	16057	3 March	25	2 April.
Turbine motor, Steam-	J. and E. H. Friend	16105	16 March	25	2 April.*
Turbine, Steam-	G. Westinghouse	16017	23 Feb.	18	5 March.
Typewriter-roller	W. H. Stebbing and J. H. Colwill	16093	12 March	25	2 April.*
Umbrella, Sliding ferrule for	J. Coventry	15989	14 Feb.	18	5 March.*
Underground cable, Conduit for	T. E. Devonshire	16134	25 March		
Unidirectional current, Obtaining	J. P. Campbell	15906	27 Jan.	9	5 Feb.
Utilising waste light of shop for advertising	H. Ashworth	16004	20 Feb.	18	5 March.*
Vacuum-pan for distillation	D. R. S. Galbraith	16103	14 March	25	2 April.*
Valve	J. Cook	14880	15 May, 1902	13	19 Feb.
Valve for water-cistern, Ball-	W. A. J. Dutch and C. H. Barton	16102	18 March	25	2 April.
Valve, Hydrant-	R. Le P. Trench	16030	27 Feb.	21	19 March.
Valve of Westinghouse brake, Triple	W. J. Hopkirk and G. Gilpin	15868	14 Jan.	6	23 Jan.*
Valve, Reducing-	M. Lumley	15845	7 Jan.	6	23 Jan.
Vapour-burning apparatus	A. Kitson	15886	19 Jan.	33	30 April.
Vapour-burning apparatus	A. Kitson	15887	19 Jan.	9	5 Feb.
Vapour-burning apparatus	A. Kitson	16040	17 June, 1902	21	19 March.
Variable-speed gearing	W. N. Dumaresq	16088	13 March	25	2 April.
Vehicle-axle oiler	I. Taucher	15956	9 Feb.	13	19 Feb.*
Vehicle-body adjustment	G. Bish	15924	27 Jan.	9	5 Feb.*
Vehicle, Means for preventing horse bolting with	W. Campbell	16072	10 March	21	19 March.
Vehicle, Mechanically propelled	T. W. Barber	16129	21 March	29	16 April.
Vehicle-spring regulator	M. Browne	15890	16 Jan.	9	5 Feb.*
Ventilating halls, &c.	J. D. Kelly, D. P. Fisher, and N. V. G. Wix	14952	4 June, 1902	21	19 March.
Ventilator	W. Craig	14875	10 May, 1902	9	5 Feb.
Vessel for patrol, despatch, &c.	A. N. Whitney	15958	7 Feb.	13	19 Feb.*
Vessel, Raising sunken	D. C. Groves and A. R. Stanton	16096	16 March	25	2 April.*
Wagon, Buffer for tipping-	Sir W. G. Armstrong, Whitworth, and Co. (Limited)	16133	25 March	25	2 April.
Wagon, Driving log-hauling tramway-	J. Shepherd	16124	24 March	25	2 April.*
Wagon or carrier, Bucket	H. W. Lovegrove	14928	24 May, 1902	21	19 March.
Waist-belt, rifle-carrier, and bandolier	E. H. B. Laing and G. W. Clarke	15999	16 Feb.	18	5 March.
Wall-distemper	C. W. B. Scott	15899	23 Jan.	9	5 Feb.
Wall, &c., Dusting, cleaning, &c.	H. H. Henderson	14955	5 June, 1902	18	5 March.
Washer, Self-tightening nut and	T. Hewton	15880	15 Jan.	9	5 Feb.
Washing copper, Combustion-chamber, &c., for	F. J. Newberry and A. Walker	15853	9 Jan.	6	23 Jan.
Washing, &c., fibre	W. Toogood	14715	7 April, 1902	21	19 March.
Washing wool	A. Weaver	15519	14 Oct., 1902	9	5 Feb.
Waste-converter	A. E. Niccolls	16179	31 March	43	28 May.
Water-cistern, Ball-valve for	W. A. J. Dutch and C. H. Barton	16102	18 March	25	2 April.
Water, Composition for rendering brick, &c., impervious to	J. J. Collins and R. D. Harman	14930	29 May, 1902	9	5 Feb.
Water-heating. (See Heating.)					
Water-meter, Toe-piece for	B. Crawford	16032	28 Feb.	21	19 March.*
Waver and curler, Hair	J. D. Smith	15930	29 Jan.	13	19 Feb.*
Waxing-apparatus. (See Thread-waxing apparatus.)					
Wearing-apparel, Making button-holes in	L. G. W. Godden	15883	17 Jan.	9	5 Feb.*
Weather-boarding, Rusticated.	T. Herbert	16005	17 Feb.		
Weed-destroying composition	J. Findlay	16009	18 Feb.	18	5 March.
Weed-destroying composition	T. M. Hickman	16063	6 March	21	19 March.*
Weighing-machine	H. A. and R. V. Danne and J. Donaldson	16000	19 Feb.	18	5 March.
Weight-compensator, &c., for vehicle	M. Browne	15890	16 Jan.	9	5 Feb.*
Westinghouse brake, Triple-valve of	W. J. Hopkirk and G. Gilpin	15868	14 Jan.	6	23 Jan.*
Wharfedale, &c., printing-machine, Paper-folding attachment to	J. M. Twomey	16059	6 March	21	19 March.*
Wheel. (See Grip-wheel.)					
Winch for dredge, Compound	W. Cutten	15857	8 Jan.	6	23 Jan.
Window	R. S. Reid	14867	1 May, 1902	9	5 Feb.
Window-attachment	H. Agar	16045	4 March	21	19 March.
Window-catch	J. T. Young and J. Wren	15839	8 Jan.	6	23 Jan.
Window, &c., Securing	J. D. Tripe	15038	6 Jan.	6	23 Jan.*
Window-sash, Supporting	H. E. M. Gordon	15928	31 Jan.	13	19 Feb.*
Wire bar, Manufacturing compound	R. D. Sanders	14813	1 May, 1902	9	5 Feb.
Wire fence	J. Harris	15831	5 Jan.	6	23 Jan.
Wire rope, Compressor for	E. Seager	15945	5 Feb.	18	19 Feb.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Wire-strainer	W. F. Smith	15954	5 Feb. ..	13	19 Feb.*
Wire-strainer	R. Williams	16091	12 March ..	25	2 April.*
Withdrawing material from sluice-box ..	J. Thomson	15849	5 Jan. ..	6	23 Jan.*
Wood-block pavement, Mastic jointing-material for	C. M. Newson and M. Coulson ..	16089	26 Feb. ..	21	19 March.*
Wood-paving block, Applying boiling tar to	C. M. Newson and M. Coulson ..	15983	11 Feb. ..	21	19 March.*
Wooden block, Coating with tar, &c. ..	T. Willmot and M. T. Morgan ..	16043	3 March ..	21	19 March.
Woodwork, Decorating	Artistic Woodwork Proprietary (Limited)	15993	18 Feb. ..	18	5 March.*
Wool-press	D. Donald	15912	28 Jan. ..	13	19 Feb.
Wool-washing apparatus	A. Weaver	15519	14 Oct., 1902	9	5 Feb.
Wort-separator and mash-tun	M. Henius	16089	12 March ..	25	2 April.
Yoke for pigs	A. Ward	15901	21 Jan. ..	9	5 Feb.*

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS DURING QUARTER ENDING 31st MARCH, 1903.

Name and Address.	No. of Class.	Design.		Gazette.	
		No.	Date.	No.	Date.
Danks, A. T., Melbourne, Victoria ..	1	174	23 Feb. ..	18	5 Mar.
Exshaw and Co., J., Bordeaux, France ..	3	177	20 Mar. ..	29	16 April.
Middleton, A., Wellington, N.Z. ..	5	173	16 Feb. ..	13	19 Feb.
St. Hilda's Collegiate School, Dunedin, N.Z. ..	13	176	30 Mar. ..	25	2 April.
Volkman and Tucker, Wellington, N.Z. ..	2	175	20 Mar. ..	25	2 April.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER ENDING 31st MARCH, 1903.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Abbey Effervescent Salt Company, Limited, The	London, Eng. ..	3	4056	9 Jan. ..	6	23 Jan.
Apollinaris Company, Limited, The ..	London, Eng. ..	44	4086	10 Feb. ..	13	19 Feb.
Barry, S.	Palmerston North, N.Z. ..	8	4145	24 March ..	33	30 April.
Bartlett and Sons, W.	Redditch, Eng.	49	4091	17 Feb. ..	13	19 Feb.
Batkin, E. C.	Wellington, N.Z.	45	4143	20 March ..	25	2 April.
Beattie, Lang, and Co.	Wellington, N.Z.	42	4089	14 Feb. ..	13	19 Feb.
Beattie, Lang, and Co.	Wellington, N.Z.	42	4092	18 Feb. ..	18	5 March.
Billens, A.	Christchurch, N.Z.	39	4061	20 Jan. ..	9	5 Feb.
Bone Phosphate and Chemical Company, Limited, The	Flint, Wales	2	4120	12 March ..	21	19 March.
Booth's Distillery, Limited	London, Eng.	43	4098	19 Feb. ..	18	5 March.
Breitenburger Portland Cement Fabrik	Hamburg, Germany ..	17	4099	19 Feb. ..	21	19 March.
British Oil and Cake Mills, Limited, The (Stewart Bros. and Spencer Branch), and another	Christchurch, N.Z. ..	42, 44	4082, 3	6 Feb. ..	13	19 Feb.
Castle Tea Company	Wellington, N.Z.	42	4058	15 Jan. ..	..	..
Catt, G. H.	Hythe and London, Eng. ..	6	4053	8 Jan. ..	6	23 Jan.
Chappell, Allen, and Co., Limited ..	Bristol, Eng.	38	4140	19 March ..	25	2 April.
Clark and Co., I. P.	Leicester, Eng.	23	4002	20 Nov., 1902	21	19 March.
Clark and Co., I. P.	Leicester, Eng.	23	4122	12 March ..	21	19 March.
Clark and Sons, Limited, A.	Auckland, N.Z.	50, 38	4034, 5	19 Dec., 1902	18	5 March.
Clark and Sons, Limited, A.	Auckland, N.Z.	13, 25, 40, 38	4094, 5, 6, 7	19 Feb. ..	18	5 March.
Collier and Co. (Foreign), Limited, T.	Manchester, Eng. ..	{ 38, 50, 40 38, 33, 26 23, 13, 14 32, 30, 24 25	{ 4126- 4135, 4137- 4139	16 March ..	25	2 April.
Compressed (Whole-leaf) Tea Syndicate, Limited, The	London, Eng.	42	4112	9 March ..	21	19 March.
Continental Caoutchouc- und Gutta-percha Compagnie	Hanover, Germany ..	40	4105	23 Feb. ..	18	5 March.
Cox, Limited, J. and G.	Edinburgh, Scot., and London, Eng.	42	3856, 7	23 July, 1902	6	23 Jan.
Darnley, J.	Dunedin, N.Z.	50	4076	2 Feb. ..	13	19 Feb.
De Roubaix. (See under Roubaix.)	Auckland, N.Z.	47	4101	20 Feb. ..	18	5 March.
Dutton, E.	Auckland, N.Z.	3	4100	20 Feb. ..	18	5 March.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Eagle Cigarette Company. (See J. Jeffs.)	Sydney, N.S.W.	39	4069	28 Jan.	..	..
Edwards, Dunlop, and Co., Limited	Dunedin, N.Z.	50	4186	18 March	..	..
Espie, A.	..	..	..	..	..	..
Fabian, J.	Auckland, N.Z.	3	4074	28 Jan.	..	9 5 Feb.
Fennings, A.	Cowes, Isle of Wight, Eng.	3	4063, 4	21 Jan.	..	19 19 Feb.
Frankau and Co., Limited, A.	London, Eng.	50	4124	14 March	..	21 19 March.
Gardner, A.	Pahiatua, N.Z.	42	4088	13 Feb.	..	18 5 March.
Gerstendorfer, A., and another	New York, U.S.A.	1	4071, 2	28 Jan.	..	9 5 Feb.
Gerstendorfer Bros. (See A. and M. Gerstendorfer, Nos. 4071, 2.)	..	..	..	..	..	..
Gerstendorfer, M., and another	New York, U.S.A.	1	4071, 2	28 Jan.	..	9 5 Feb.
Gianacis, N.	Cairo, Egypt	45	4118	11 March	..	29 16 April.
Gill, P.	Wellington, N.Z.	3	4044	30 Dec., 1902	..	13 19 Feb.
Glyn and Co.	London, Eng.	38	4054	9 Jan.	..	18 5 March.
Griffiths Bros. and Co.	London, Eng.	1	4073	28 Jan.	..	9 5 Feb.
Grossmith, J., and Son, and J. Grosssmith, Son, and Co. (See J. L. Grossmith.)	..	..	..	..	..	..
Grossmith, J. L.	London, Eng.	48	4114, 5, 6	11 March	..	21 19 March.
Gunson and Co., W.	Auckland, N.Z.	4	4079	5 Feb.	..	..
Guthridge, Limited, N.	Wellington, N.Z., &c.	20	4090	14 Feb.	..	..
Havana Commercial Company	Havana, Cuba	45	3284, 6	30 Jan., 1901	..	2 8 Jan.
Havana Commercial Company	Havana, Cuba	45	3289	30 Jan., 1901	..	18 5 March.
Havanna Cigar-manufacturing Company	Havanna, Eng.	45	4055	9 Jan.	..	6 23 Jan.
Hoffnung and Co. (1902), Limited, S.	London, Eng., and Sydney, N.S.W.	8	4036	19 Dec., 1902	..	9 5 Feb.
Hoffnung and Co. (1902), Limited, S.	London, Eng., and Sydney, N.S.W.	8	4037	19 Dec., 1902	..	21 19 March.
Houten. (See Van Houten.)	..	..	..	..	..	..
Hudson, R. W.	Liverpool, Eng.	47	3943	19 Sept., '02	..	2 8 Jan.
Hudson, R. W.	Liverpool, Eng.	47	3944	19 Sept., 1902	..	9 5 Feb.
Hutton, J. C. (See S. and W. Hutton, No. 4081.)	..	..	..	..	..	2 8 Jan.
Hutton, S., and another	Melbourne, Vic.	42	4081	5 Feb.	..	13 19 Feb.
Hutton, W., and another	Melbourne, Vic.	42	4081	5 Feb.	..	13 19 Feb.
Imperial Leather-preserver Manufacturing Company	Philadelphia, U.S.A.	50	4102	21 Feb.	..	25 2 April.
Jameson, Anderson, and Co.	Christchurch, N.Z.	47	4108	9 March	..	21 19 March.
Jameson, Anderson, and Co.	Christchurch, N.Z.	47	4110	9 March	..	21 19 March.
Jeffs, J.	Dunedin, N.Z.	45	4142	19 March	..	..
Jenkins Bros.	New York, U.S.A.	6	4125	16 March	..	..
Kleemo and Co., P.	Sydney, N.S.W.	10	4059	15 Jan.	..	6 23 Jan.
Lever Bros., Limited	Balmain, N.S.W.	47	4111	9 March	..	21 19 March.
Leverett, W. E.	Christchurch, N.Z.	50	4148	20 March	..	25 2 April.
Linotype Company, Limited, The	London, Eng.	5	3923	4 Sept., 1902	..	6 23 Jan.
Lyons and Co., Limited, J.	Kensington, Eng.	43	4070	28 Jan.	..	9 5 Feb.
Lysoform Gesellschaft mit Beschränkter Haftung	Berlin, Germany	2	4075	29 Jan.	..	33 30 April.
Marshall's Chemical Company, Limited	Dunedin, N.Z.	3	4062	21 Jan.	..	9 5 Feb.
Martell and Co.	Cognac, France	43	4068	28 Jan.	..	9 5 Feb.
Martell, J. and F. (See Martell and Co., No. 4068.)	..	..	..	..	..	..
Monnet et Cie, J. G. (See United Vineyard-proprietors' Company.)	..	..	..	..	..	..
Nathan and Co., Limited, J.	Wellington, N.Z.	47	4067	24 Jan.	..	9 5 Feb.
Neil, J.	Dunedin, N.Z.	48	4147	26 March	..	25 2 April.
Nelson, Moate, and Co., Limited	Wellington, N.Z.	42	4057	13 Jan.	..	9 5 Feb.
Newberry and Co., J.	Wellington, N.Z.	42	4093	14 Feb.	..	18 5 March.
Newberry and Co., J.	Wellington, N.Z.	42	4106	25 Feb.	..	..
Nield, D.	Wellington, N.Z.	50	3980	24 Oct., 1902	..	13 19 Feb.
Patent Borax Company, Limited, The	Birmingham, Eng.	2,3,48,47	3349-52	4 April, 1901	..	21 19 March.
Pidgeon and Co., Limited, E. W.	Christchurch, N.Z.	45	4123	14 March	..	21 19 March.
Pitman and Sons, Limited, Sir I.	Bath, Eng.	39	4103	23 Feb.	..	..
Pitman and Sons, Limited, Sir I.	Bath, Eng.	39	4104	23 Feb.	..	18 5 March.
Quane and Co., H., and another	Christchurch, N.Z.	42, 44	4082, 3	6 Feb.	..	13 19 Feb.
Roberts, J. D.	Auckland, N.Z.	42	4077, 8	3 Feb.	..	13 19 Feb.
Roberts, J. D.	Auckland, N.Z.	42	4084	6 Feb.	..	13 19 Feb.
Roubaix Oedenkoven and Co., De	Antwerp, Belgium	47	4121	12 March	..	21 19 March.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Sandow's Own Combined Developer ..	London, Eng. ..	49	4141	19 March ..	25	2 April.
Scott, H. W.	Palmerston North, N.Z. ..	2	4119	12 March ..	29	16 April.
Sims, F. R.	Christchurch, N.Z. ..	2	4144	24 March ..	25	2 April.
Smedley, Limited, J.	Matlock, Eng. ..	38	4065, 6	23 Jan. ..	9	5 Feb.
Société Des Propriétaires Vinicole De Cognac La (J. G. Monnet et Cie). (See United Vineyard-proprietors' Company.)						
Standard Varnish-works, The ..	New York, U.S.A. ..	1	4113	9 March ..	21	19 March.
Stewart Bros. and Spencer Branch ..	Christchurch, N.Z. ..	42, 4	4082, 3	6 Feb. ..	13	19 Feb.
Subritzky, J.	Awanui, N.Z. ..	3	4087	11 Feb. ..	..	..
Thomas, W.	Geraldine, N.Z. ..	8	4109	9 March ..	21	19 March.
Tucker, W. F.	Auckland, N.Z. ..	3	4060	19 Jan. ..	9	5 Feb.
United Vineyard-proprietors' Company, The	Cognac, France ..	43	4080	5 Feb. ..	21	19 March.
Van Houten and Zoon, C. J. ..	Weesp, Holland ..	42	4146	25 March ..	..	..
Waldberg and Co., Limited ..	Berlin, Germany ..	8	4040	24 Dec., 1902	21	19 March.
Watson and Co., Limited, J. ..	Dundee, Scotland ..	43	4052	7 Jan. ..	29	16 April.
Whybrow and Co.	Abbotsford, Vic. ..	38	4085	10 Feb. ..	..	..
Wiggins, Teape, and Co., Limited ..	London, Eng. ..	39	4117	11 March ..	21	19 March.
Wilson and Wood	Christchurch, N.Z. ..	42	4107	7 March ..	43	28 May.
Wilson and Wood	Christchurch, N.Z. ..	42	4149	27 March ..	25	2 April.

J.—ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING
30TH JUNE, 1903.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Adams, R. N., Dunedin, N.Z. (See C. N. Scurr, Nos. 16215, 16270.)				
Adams, R. N., Dunedin, N.Z. Swinging-mirror pivot ..	16364	15 May ..	47	11 June.*
Adams, R. N., Dunedin, N.Z. (See J. R. Park, Nos. 16489, 16491.)				
Adams, R. N., Dunedin, N.Z. Caster	16521	17 June ..	57	9 July.*
Ainsworth, J., Bolivia, N.S.W. Road-vehicle wheel ..	16241	15 April ..	37	14 May.
Albone, D., Biggleswade, Eng. (See The Ivel Agricultural Motors, Limited, No. 16341.)				
Alcock, H. U., Melbourne, Vic. Billiard and dining-table ..	15259	12 Aug., 1902..	43	28 May.
Alcock, H. U., Melbourne, Vic. Settee and billiard-table ..	15373	6 Sept., 1902	50	25 June.
Alexander, L. W., New Plymouth, N.Z. Remoulding golf-balls ..	16277	24 April ..	..	..
Alkemade, P. V. L., Melbourne, Vic. Rat-trap	16514	18 June ..	57	9 July.*
Allen, R., Invercargill, N.Z. Teapot	16294	29 April ..	37	14 May.*
Alston, J., Melbourne, Vic. Changing gear for windmills ..	16208	8 April ..	33	30 April.
Ambrose, H. T., and another, Orange, U.S.A. Typewriter ..	16556	23 June ..	63	6 August.
Anderson and Co., J., Dunedin, N.Z. Rotary-pump tongue ..	16204	3 April ..	..	..
Anderson, J., Dunedin, N.Z. Tap, especially for dairy-work ..	16474	8 June ..	57	9 July.
Anderson, J., Christchurch, N.Z. Flax-drum truing-up machine ..	15185	29 July, 1902..	37	14 May.
Anderson, J., and another, Christchurch, N.Z. Switch for overhead railway	16310	7 May ..	37	14 May.*
Anderson, J. T. N., Dunedin, N.Z. Water-filter	15756	11 Dec., 1902..	43	28 May.
Andrew, N., and another, Wanganui, N.Z. Utilising exhaust from engine	15339	1 Sept., 1902	50	25 June.
Anketell, C., Greytown North, N.Z. Wagon-brake	16496	16 June ..	50	25 June.*
Anketell, C., Greytown North, N.Z. Carriage-lamp	16497	16 June ..	50	25 June.*
Armour, J. M., Dunedin, N.Z. Collapsible cradle, &c.	15304	23 Aug., 1902..	50	25 June.
Armstrong, J., Auckland, N.Z. Securing cords to window-sashes ..	15449	26 Sept., 1902	57	9 July.
Arndt, A., Sydney, N.S.W. (See J. Chambers and Son, Limited, No. 14670.)				
Arthur, E. B., Wellington, N.Z. Coal-scuttle	15126	17 July, 1902..	33	30 April.
Arthur, E. B., Wellington, N.Z. Pie-dish	15127	17 July, 1902..	33	30 April.
Aschman, A. E. M., and another, St. Albans, N.Z. Switch for ove head railway	16310	7 May ..	37	14 May.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Ashcroft, R. W., and another, Palmerston North, N.Z. Milk-can lid	16452	8 June ..	57	9 July.
Ashcroft, R. W., and others, Wellington, N.Z. Putting up butter into regular quantities	16253	20 April ..	60	23 July.*
Ashcroft, R. W., and others, Wellington, N.Z. Collapsible box ..	16254	20 April ..	33	30 April.*
Ashcroft, S., and others, Wellington, N.Z. Collapsible box ..	16254	20 April ..	33	30 April.*
Ashcroft, S., and others, Wellington, N.Z. Putting up butter into regular quantities	16253	20 April ..	60	23 July.*
Ashworth, H., Wellington, N.Z. Washing and drying wool ..	16311	7 May ..	43	28 May.
Ashworth, H., Wellington, N.Z. Menu-holder ..	16432	4 June ..	47	11 June.*
Atkin, W. H., Auckland, N.Z. Smoke-consumer and draught-increaser	16379	20 May ..	47	11 June.
Australian Explosives and Chemical Company, Limited, The, Melbourne, Vic. Draining rackarock cartridges. (H. W. Gepp)	16227	15 April ..	33	30 April.*
Babcock and Wilcox, London, Eng. (See J. Chambers and Son, Limited, No. 14670.)				
Babcock and Wilcox, Limited, and another, London, Eng. Chain grate-stoker	16538	24 June ..	..	..
Baker, A. G., and others, Dunedin, N.Z. Shot-making machine ..	16303	1 May ..	37	14 May.*
Baker, A. G., and others, Dunedin, N.Z. Cutting material into strips	16304	1 May ..	37	14 May.*
Ball, A., Naseby, N.Z. Spring hinge ..	16355	12 May ..	43	28 May.*
Barnard, A. W. A., and another, Dunedin, N.Z. (See J. R. Park, No. 16487.)				
Barnett, C., and others, Petersham, N.S.W. Fire-escape ..	16338	13 May ..	43	28 May.
Baumgarten, H., London, Eng. Acetylene-generator and lamp ..	16506	17 June ..	57	9 July.
Baxter, R., Milton, N.Z. Oil emulsion ..	16439	1 June ..	47	11 June.*
Baxter, R., Milton, N.Z. Sash-fastener ..	16559	24 June ..	60	23 July.*
Bayley, C. H., Boston, U.S.A. (See United Shoe Machinery Company, No. 15204.)				
Beale, C., London, Eng. Preservation of food ..	15212	2 Aug., 1902..	37	14 May.
Beale, J. A., Auckland, N.Z. Oven-shelf ..	16309	7 May ..	43	28 May.
Beaumont, W., Wanganui, N.Z. Milk strainer and aerator ..	16363	18 May ..	47	11 June.*
Beer de. (See under D.)				
Beer, S., Kyeburn Diggings, N.Z. Elevator ..	16365	15 May ..	47	11 June.*
Belk, J. A., Feilding, N.Z. Candle-extinguisher ..	16573	30 June ..	60	23 July.*
Bell, C. R. E., and another, Bromley, England. Mechanically igniting material	16325	6 May ..	43	28 May.
Bellet, J., and another, Melbourne, Vic. Lock-nut plate ..	15623	13 Nov., 1902..	33	30 April.
Bentham, W. H., Te Araroa, N.Z. Machine for dressing flax ..	16163	1 April ..	29	16 April.*
Bernays, C. E., Brisbane, Queensland. Combustion of fuel and smoke and spark-preventer	16504	17 June ..	57	9 July.
Bettany, H. J., Nelson, N.Z. Brake-apparatus ..	16327	11 May ..	43	28 May.*
Biel, W., Itzehoe, Germany. (See A. Peppler, No. 16447.)				
Bish, G., and another, Bombay, Auckland, N.Z. Mortise-making machine	16359	13 May ..	43	28 May.*
Bish, G., and another, Auckland, N.Z. Mortising, boring, and tenon-shaping machine	16546	20 June ..	57	9 July.*
Bishop, A., Carterton, N.Z. Snatch-block ..	16298	4 May ..	43	28 May.
Blair, J. B., Indooroopilly, Queensland. Means for swinging a ship	16194	4 April ..	29	16 April.
Blaisdell, H. W., Los Angeles, U.S.A. Handling material ..	16231	15 April ..	37	14 May.
Bland, H., Waverley, N.S.W. Elastic fluid-compressor ..	16193	4 April ..	29	16 April.
Booth, G. T., and another, Christchurch, N.Z. Lubricator mechanism	16445	5 June ..	50	25 June.*
Booth, J. C., Prahran, Vic. Attachment for adjusting shirt-sleeves	16351	14 May ..	43	28 May.*
Bowman, F. E., Manchester, Eng. Gas-producing plant ..	16240	15 April ..	33	30 April.
Boyd, J. A., Wellington, N.Z. Potato-cleaner ..	16386	26 May ..	47	11 June.*
Boyens, W. H., Kaikoura, N.Z. Force-pump ..	15242	11 Aug., 1902	50	25 June.*
Boyens, W. H., and another, Kaikoura, N.Z. Opening and closing swing-gates	16387	26 May ..	47	11 June.*
Brady, W., Papamoa, N.Z. Horse-shoe ..	16160	1 April ..	29	16 April.
Branford, J. W., Wanganui, N.Z. Tethering-post ..	16553	26 June ..	60	23 July.
Brent, C. D., Cromwell, N.Z. Shoe-fastener ..	16356	11 May ..	43	28 May.
Brew, W., and another, Christchurch, N.Z. Lubricator mechanism	16445	5 June ..	50	25 June.*
Bristow, C., Addington, N.Z. Butter-sizer ..	16440	5 June ..	47	11 June.*
Brooks, R. H., Auckland, N.Z. Newspaper-vending machine ..	16479	8 June ..	57	9 July.*
Brough, J., Brunswick, Vic. Bottom for wickered jars, &c.	16385	20 May ..	47	11 June.
Brown, H. C., Lepperton, N.Z. Bedstead ..	16481	12 June ..	50	25 June.
Brown, J. H. S., Auckland, N.Z. Heating fluids ..	15141	22 July, 1902 ..	47	11 June.
Brown, R. F., Dunedin, N.Z. Terret ..	16523	18 June ..	57	9 July.*
Brownley, A. H., Onehunga, N.Z. Spring winding-apparatus for eye-glass cord	16544	22 June ..	57	9 July.*
Budde, C. C. L. G., Copenhagen, Denmark. Sterilising articles of food	16326	6 May ..	43	28 May.
Buhlmann, G., Berlin, Ger. Manufacturing incandescent mantles..	15160	24 July, 1902 ..	37	14 May.
Bünz, C. F., Christchurch, N.Z. Medical instrument. (F. J. Rottman)	16358	15 May ..	43	28 May.*
Burrell, D. H., New York, U.S.A. (See A. Harvey, No. 16292.)				
Burrell, T., and another, North Melbourne, Vic. Boot sole and heel	15279	21 Aug., 1902 ..	29	16 April.
Bursill, F. W., Sedgmore, N.Z. Fencing-standard ..	16464	10 June ..	50	25 June.*
Butler, S., Bristol, Eng. Preventing "skidding" of bicycles, &c. ..	16324	6 May ..	43	28 May.
Butterick, F., Wakanui, N.Z. Cutting-mechanism of reaper ..	16431	2 June ..	47	11 June.*
Cairns, T., Auckland, N.Z. Railway-signalling appliance ..	16570	30 June ..	63	6 August.
Campbell, J., Grove Bush, N.Z. Rabbit-trap ..	15370	9 Sept., 1902..	47	11 June.
Campbell, J. P., Wellington, N.Z. Alternating electrical apparatus. (C. F. Scott)	16233	16 April ..	33	30 April.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Carlson, H., Dannevirke, N.Z. Hobble for horses, &c. ..	16457	9 June ..	57	9 July.*
Casgrain, L. A., Winchester, U.S.A. (See United Shoe Manufacturing Company, No. 16229.)				
Casimir, C., and another, Christchurch, N.Z. Incandescent lamp ..	16406	27 May ..	47	11 June.*
Cates, W. E. W., Bristol, Eng. (See The Vacuum Tin Syndicate Limited, No. 16180.)				
Catt, G. H., Hyde, Hampshire, Eng. Wheel of boot-finishing machine	15350	4 Sept., 1902 ..	43	28 May.
Challier, A. V., Aratapu, N.Z. Pick for agricultural purposes ..	16563	25 June ..	60	23 July.
Chamberlin, W. F., and another, Dayton, U.S.A. Box-making machine	16256	22 April ..	47	11 June.
Chambers, R., New Plymouth, N.Z. Music-holder ..	15188	29 July, 1902 ..	37	14 May.
Chambers and Son, Limited, J., Auckland, N.Z. Oil-separator. (Babcock and Wilcox—A. Arndt)	14670	25 March, 1902 ..	25	2 April.
Champion, W. H., Auckland, N.Z. Harpoon ..	16265	21 April ..	33	30 April.*
Champion, W. H., Auckland, N.Z. Medicine ..	16455	4 June ..	50	25 June.
Channon, J., Hornsby, N.S.W. Sea-lock for mail-bag. (J. J. Russell)	16187	4 April ..	29	16 April.
Clancy, J. C., Melbourne, Vic. Extraction of gold, &c. ..	16583	30 June ..	60	23 July.*
Clark, D. J., New York, U.S.A. (See "Secretary," No. 16449.)				
Clarke, G. C., Hastings, N.Z. Twisting and straining wires ..	16410	29 May ..	47	11 June.*
Clarke, J. F., Woolwich, N.S.W. Weighing-machine ..	16463	10 June ..	57	9 July.
Cleveland, W. L., Fitzroy, Vic. Indoor game ..	16213	8 April ..	33	30 April.*
Cloud, J. W., London, Eng. (See The Westinghouse Brake Company, Limited, No. 16423.)				
Cobb, J. H., Christchurch, N.Z. Tobacco-plug holder and cutter. (J. Lloyd)	16291	29 April ..	37	14 May.*
Cochrane, W. H., Otahuiti, N.Z. Yoking horses ..	15189	29 July, 1902 ..	37	14 May.
Coe, H., Greymouth, N.Z. Holder for nail while being driven ..	16434	4 June ..	47	11 June.*
Collins, R., Midhurst, N.Z. Toe-protector for boots and shoes ..	16393	28 May ..	47	11 June.*
Collins, W. A., Wellington, N.Z. Hanging clothes on line ..	16268	24 April ..	33	30 April.*
Congreve, R., Christchurch, N.Z. Cycle-lock ..	16377	19 May ..	43	28 May.*
Congreve, R., Christchurch, N.Z. Cycle-lock ..	16186	4 April ..	29	16 April.*
Connor, A., Dunedin, N.Z. Fire escape, extinguisher, and alarm ..	16473	8 June ..	50	25 June.*
Connstein, W., Charlottenburg, Prussia. Manufacture of fatty acids	16407	29 May ..	47	11 June.
Coop, J., Kaituna, N.Z. Feeder for sheep-dip ..	16469	9 June ..	50	25 June.*
Cooper, A., Wellington, N.Z. Vehicle-wheel lock ..	15232	7 Aug., 1902 ..	43	28 May.
Cooper, F., Christchurch, N.Z. Steerage-gear for sheep feeding-rack	16470	9 June ..	..	..
Cooper-Hewitt Electric Company, New York, U.S.A. Electric gas-lamp. (P. Cooper-Hewitt)	16234	16 April ..	33	30 April.
Cooper-Hewitt Electric Company, New York, U.S.A. (See J. T. Hunter, No. 16169.)				
Cooper-Hewitt Electric Company, New York, U.S.A. (See W. E. Hughes, No. 16230.)				
Cóoper-Hewitt, P., New York, U.S.A. (See J. T. Hunter, No. 16169.)				
Cooper-Hewitt, P., New York, U.S.A. (See W. E. Hughes, No. 16230.)				
Cooper-Hewitt, P., New York, U.S.A. (See Cooper-Hewitt Electric Company, No. 16234.)				
Cooper, J., Auckland, N.Z. Gate-hinge ..	16516	16 June ..	60	23 July.
Cooze, C. J., Carterton, N.Z. Spile for beer-cask ..	16453	8 June ..	50	25 June.*
Cornell, W. A., Toorak, Vic. Attaching brake-drum to wheel-hub ..	16345	14 May ..	43	28 May.*
Cornish, T., Ballarat, Vic. Driving shafting hydraulically	16284	30 April ..	37	14 May.*
Cousens, W., Glebe, N.S.W. Windmill ..	16267	24 April ..	33	30 April.*
Coventry, J., Dunedin, N.Z. Umbrella-tip retainer ..	15989	14 February ..	50	25 June.
Cox, E. T., Yering, Vic. Wood-boring auger ..	16398	28 May ..	47	11 June.*
Crothers, J., Perth, W.A. Composition for pavements ..	16426	2 June ..	47	11 June.*
Croxford, C., and others, Dunedin, N.Z. Shot-making machine ..	16303	1 May ..	37	14 May.*
Croxford, C., and others, Dunedin, N.Z. Cutting material into strips	16304	1 May ..	37	14 May.*
Crown Cork and Seal Company, The, Baltimore, U.S.A. Bottle-closure. (R. A. Hall)	16168	2 April ..	29	16 April.
Crump, W. C., Sydney, N.S.W. Electro-medical belt ..	16476	11 June ..	..	..
Cubbins, T., and another, Hawthorn, Vic. Amalgamator ..	16513	18 June ..	57	9 July.*
Cummins, M., and another, Lancaster, Eng. (See W. E. Hughes, No. 16536.)				
Currie, H., Gisborne, N.Z. Cancer remedy ..	16238	15 April ..	33	30 April.*
Daft, L., and another, Middlesex, Eng. (See W. E. Hughes, No. 16076.)				
Dale, A., Morven, N.Z. Attachment-device for traces of driven horses	16555	24 June ..	60	23 July.
Dando, P. H., Whangarei, N.Z. Chamber utensil ..	15356	4 Sept., 1902 ..	43	28 May.
Darby, T. C., and others, Wickford Junction, Eng. Implement for breaking up roads	15314	27 Aug., 1902 ..	33	30 April.
Darby, T. A., and others, Wickford Junction, Eng. Implement for breaking up roads	15314	27 Aug., 1902 ..	33	30 April.
Darby, S. C., and others, Wickford Junction, Eng. Implement for breaking up roads	15314	27 Aug., 1902 ..	33	30 April.
Davenport, E. F., Melrose, U.S.A. (See United Shoe Machinery Company, No. 15203.)				
Davidson, G., Hokitika, N.Z. Pitch-chain and sprocket ..	16568	29 June ..	60	23 July.*
Davie, L., Homefield, N.Z. Apparatus for washing crockery ..	16423	1 June ..	50	25 June.*
Davies, J. B., Malvern, Vic. (See C. F. Dunn, No. 16349.)				
Dawbarn, and Co., E. A., Sydney, N.S.W. (See W. P. Maschwitz, No. 16210.)				
Dawson, W., Wanganui, N.Z. Table game ..	15458	1 Oct., 1902 ..	37	14 May.
Day, S. H., Lady Barkly, N.Z. Sheep-dipping apparatus ..	16492	11 June ..	50	25 June.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
De Beer, S., Roslyn, N.Z. Fire-hose coupling	16295	4 May ..	43	28 May.*
Deering, W., Evanstown, U.S.A. Twine. (G. H. Ellis) ..	16342	13 May ..	43	28 May.
De Kleist, E., North Tonawanda, U.S.A. Automatic musical-instrument	16340	13 May ..	43	28 May.
De Laval, C. G. P., Stockholm, Sweden. Distillation of zinc ..	16416	27 May ..	50	25 June.
Denney, H. H., Timaru, N.Z. Feed for grain, turnips, &c. ..	16446	5 June ..	50	25 June.*
Denniston, S. E., Avenal, N.Z. Luggage-label fastener ..	16438	5 June ..	47	11 June.*
Deutsch, I., and another. Montreal, Canada. Power-transmitting device	16350	14 May ..	47	11 June.
Devonshire, T. E., Chislehurst, Eng. Conduit for electric cable ..	16134	25 March ..	50	25 June.
Dewing, F. M., and others, Boston, U.S.A. (See Submarine Signal Company, No. 16467.)				
Dillicar, J., Taneatua, N.Z. Brand for meat	16460	9 June ..	50	25 June.*
Dixon, E. V., Opotiki, N.Z. Screw-propeller	16278	28 April ..	37	14 May.*
Dolter Electric Traction, Limited, The, London, Eng. Electric-traction system. (H. Dolter)	16283	28 April ..	37	14 May.
Dolter, H., Paris, France. (See The Dolter Electric Traction, Limited, No. 16283.)				
Donald, J. A., Potaerau, N.Z. Cow leg and tail holder ..	16529	22 June ..	60	23 July.*
Donaldson, R. R., Dunedin, N.Z. Ventilation of sewers ..	16197	6 April ..	29	16 April.
Donning, G. W., and another, East Orange, U.S.A. Typewriter ..	16556	23 June ..	63	6 August.
Doyle, R. G., Doyleston, N.Z. Preventing cow kicking while being milked	16421	1 June ..	47	11 June.*
Droullege, H., Auckland, N.Z. Lamp-light controller	16530	18 June ..	57	9 July.*
Du Feu, J. N., Christchurch, N.Z. Cushion-heel for boots, &c. ..	16390	26 May ..	47	11 June.*
Duncan, J., Whangamomona, N.Z. Leggings	16499	16 June ..	50	25 June.*
Dunn, C. F., Kew, Vic. Wire-nail. (J. B. Davies)	16349	14 May ..	47	11 June.
Dunne, R., Dunedin, N.Z. Mitre-cutting machine	15176	23 July, 1902 ..	33	30 April.
Dunne, R., Dunedin, N.Z. Mitre-box	15881	15 Jan. ..	37	14 May.
Dunne, R., Dunedin, N.Z. Hinge	16313	5 May ..	37	14 May.*
Dunne, R., Dunedin, N.Z. Non-refillable bottle	16507	13 June ..	57	9 July.*
Durand, H., Timaru, N.Z. Trace-fastening	16318	7 May ..	47	11 June.
Durand, H., Timaru, N.Z. Shaft-tug	16319	7 May ..	..	..
Durand, H., Timaru, N.Z. Garden-shears	16320	7 May ..	..	..
Duryea, O. C., and another, Los Angeles, U.S.A. (See E. Phillips, No. 16400.)				
East, T. Q., Napier, N.Z. Ships' ventilators	16225	14 April ..	33	30 April.*
Eaves, E., and others, Stockport, Eng. Hydraulic press and pump	16308	7 May ..	43	28 May.
Edison Ore-milling Syndicate, Limited, London, Eng. (See E. Waters, jun., No. 16503.)				
Edison, T. A., Llewellyn Park, U.S.A. (See E. Waters, jun., No. 16503.)				
Electrical Ore-finding Company, London, Eng. (See W. E. Hughes, No. 16076.)				
Ellis, G. H., Chicago, U.S.A. (See W. Deering, No. 16342.)				
Elspass, J. H., Los Angeles, U.S.A. (See Elspass Roller Quartz-mill and Manufacturing Company, No. 16253.)				
Elspass Roller Quartz-mill and Manufacturing Company, Pueblo, U.S.A. Pulverising-mill. (J. H. Elspass)	16258	22 April ..	47	11 June.
Emmerich, R., Munich, Germany. Preservation of meat ..	16566	25 June ..	60	23 July.
Ennis, R., Barrakee, Vic. Seed-drill	16443	4 June ..	50	25 June.*
Eppler, A., Allston, U.S.A. (See United Shoe Machinery Company, No. 15103.)				
Evans, G. S., Corryong, Vic. Ratchet screw-wrench	16394	28 May ..	47	11 June.*
Falcone, A., Florence, Italy. Electric telegraph apparatus ..	16414	27 May ..	50	25 June.
Falloon, J., and another, Ballance, N.Z. Composition for destroying noxious weeds	16389	26 May ..	47	11 June.*
Fancourt, R. H., Woollahra, N.S.W. Packing cake tobacco ..	16468	6 June ..	57	9 July.
Fetherstonhaugh, E. J., and another, Montreal, Canada. Power-transmitting device	16350	14 May ..	47	11 June.
Feu, du. (See under D.)				
Fiddes, J. A., Dunedin, N.Z. Raising or lowering fireplace and fire in ranges	16323	6 May ..	37	14 May.*
Firth, J., and others, Wellington, N.Z. Locomotive-engine head-lights	16498	16 June ..	50	25 June.*
Firth, R., and others, Petone, N.Z. Locomotive-engine head-lights	16498	16 June ..	50	25 June.*
Firth, T., Wellington, N.Z. Vehicle wheel-lock and horse-stopper ..	16450	8 June ..	60	23 July.
Fisher, C. E., and others, Wellington, N.Z. Locomotive-engine head-lights	16498	16 June ..	50	25 June.*
Fisher, D. P., and another, Wellington, N.Z. Peg	16289	30 April ..	37	14 May.*
Ford, L. P., London, Eng. Manufacture of artificial-stone brick ..	16166	2 April ..	33	30 April.
Foster, J., Caversham, N.Z. Music, &c., binder	16263	18 April ..	..	..
Foster, J., Caversham, N.Z. Book and music binder	16329	8 May ..	43	28 May.
Fraser, D., Caversham, N.Z. Indelible carcase-brand	16218	8 April ..	33	30 April.*
Freeman, E. T., Boston, U.S.A. (See United Shoe Machinery Company, No. 15205.)				
French, A. G., Auckland, N.Z. Utilising bark of ti-tree for tanning	16408	26 May ..	47	11 June.*
Gaffney, W. A., and another, Invercargill, N.Z. Marking-tool ..	16522	20 June ..	57	9 July.*
Gaitt, L., Middlemarch, N.Z. Animal-trap	16518	17 June ..	57	9 July.*
Galbraith, D. R. S., Remuera, N.Z. Milk and other food product..	15368	6 Sept., 1902..	50	25 June.
Gale, H. B., and others, Natick, U.S.A. (See Submarine Signal Company, No. 16467.)				

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Gardner, C. C., Kew, Vic. Transparent oven-door	16525	19 June ..	60	23 July.
Gare, G. W., and another, Waipori, N.Z. Removing clay from dredge-bucket	15175	23 July, 1902 ..	33	30 April.
Gavin, P., Tuparoa, N.Z. Window-fastener	16545	22 June ..	60	23 July.*
Gepp, H. W., Deer Park, Vic. (See The Australian Explosives and Chemical Company, Limited, No. 16227.)				
Gibbons, R. P., Kopu, Thames, N.Z. Galvanic boot or shoe sole ..	16331	8 May ..	43	28 May.*
Gibbons, R. P., Kopu, Thames, N.Z. Galvanic plate for boots, &c.	16375	14 May ..	43	28 May.*
Gibbons, R. P., Kopu, Thames, N.Z. Water-gauge for steam-boiler	16425	2 June ..	50	25 June.
Gibson, H. C. W., and another, London, Eng. Manufacture of tubes	16161	1 April ..	29	16 April.
Giesen, C. F., Uruti Road, Taranaki, N.Z. Waterproof hood ..	16357	15 May ..	43	28 May.*
Gillies, A., Terang, Vic. Milking-apparatus	16348	14 May ..	43	28 May.
Gillies, A., Terang, Vic. Milking-apparatus	16022	25 Feb. ..	47	11 June.
Gillies, A., Terang, Vic. Pulsating teat-cups of milking apparatus	16378	20 May ..	47	11 June.
Glendining, R., Dunedin, N.Z. Garment-band	16272	22 April ..	37	14 May.*
Goodall, T., Albertown, N.Z. Animal-trap	16246	15 April ..	33	30 April.*
Goosman, G., Mangere, N.Z. Bag-strap	15196	28 July, 1902 ..	37	14 May.
Gordon, F. W., Auckland, N.Z. Wash-hand basin	16293	27 April ..	37	14 May.
Gorman, R. F., Warmatta, N.S.W. Wire-strainer	16282	30 April ..	37	14 May.
Goyder, G. A., and another, Adelaide, S.A. Separation of minerals	16466	10 June ..	50	25 June.*
Gray, A., Manapouri Station, N.Z. Claw-hammer and staple-drawer	15265	15 Aug., 1902..	43	28 May.
Gray, A., Manapouri Station, N.Z. Saddle tool-bag	15266	15 Aug., 1902..	43	28 May.
Gray, A., Manapouri Station, N.Z. File, wire-twister, and rule ..	15267	15 Aug., 1902..	43	28 May.
Gray, J., Dunedin, N.Z. Seed-sower	16528	19 June ..	57	9 July.*
Gray, J. S., Auckland, N.Z. Luminous watch-rim and hands ..	16388	22 May ..	47	11 June.*
Green, M. R., Kensington Park, S.A. Window-lock	16301	6 May ..	37	14 May.*
Greenslade, J., Prebbleton, N.Z. Grain-threshing machine ..	16274	24 April ..	37	14 May.*
Grier, T. J., Laurence, U.S.A. Recovering metals from ores ..	16302	6 May ..	43	28 May.
Griffiths, F. C., New Plymouth, N.Z. Skylight	16383	23 May ..	47	11 June.*
Griffiths, J., and others, Petone, N.Z. Locomotive-engine head-lights	16499	16 June ..	50	25 June.*
Groves, D. C., and another, Dunedin, N.Z. Raising sunken vessels	16096	16 March ..	37	14 May.
Gungall, A. F., Hawera, N.Z. Mitre-shooting block	16222	14 April ..	33	30 April.*
Gunthorp, H., Dunedin, N.Z. Apparatus for inhaling anaesthetics	16508	15 June ..	57	9 July.*
Gwillim, D., Toorak, Vic. Indoor-game apparatus	15341	2 Sept., 1902	47	11 June.
Haines, R. T., Melbourne, Vic. Cinematographic process	16465	10 June ..	50	25 June.*
Hall, R. A., Baltimore, U.S.A. (See The Crown Cork and Seal Company, No. 16168.)				
Hancock, J. N., Centre Bush, Southland, N.Z. Envelope	15269	18 Aug., 1902..	43	28 May.
Hancox, W. G., Petone, N.Z. Handle and support for tins, &c. ..	16374	19 May ..	43	28 May.*
Harradence, F. W., Auckland, N.Z. Tire	16533	19 June ..	57	9 July.*
Harvey, A., Auckland, N.Z. Link-blade device for cream-separator. (D. H. Burrell)	16292	27 April ..	37	14 May.*
Hatmaker, J. R., London, Eng. Preserving milk, &c. (J. A. Just)	16287	30 April ..	37	14 May.
Hayes, G. H., London, Eng. Pneumatic drill, &c.	16209	8 April ..	33	30 April.
Hayling, H. S., St. Kilda, Vic. Tip-wagon mechanism. (A. Mansfield)	16461	10 June ..	57	9 July.
Hayward, C. E., Maungakarama, N.Z. Wire-tightening appliance	15590	3 Nov., 1902..	43	28 May.
Heighton, A. L., Christchurch, N.Z. Boot-heel attachment ..	16136	24 March ..	50	25 June.
Herbert, P., Sydney, N.S.W. Tram and railway car	16404	28 May ..	50	25 June.*
Hessey, J., Otago, N.Z. Window-sash lock	16223	14 April ..	33	30 April.*
Hewitt. (See under Cooper-Hewitt.)				
Hien, P., Chicago, U.S.A. Friction-springs	15973	12 Feb. ..	47	11 June.
Holbourns, J. G., and another, London, Eng. Linotype machine ..	16381	22 May ..	50	25 June.
Holford, G., Auckland, N.Z. Rat-trap	16451	8 June ..	57	9 July.
Holland, R., Flemington, N.Z. Elevator-chain	15024	23 June, 1902..	47	11 June.
Hollinworth, W. H. H., Brisbane, Queensland. Letter-stamping machine	16493	12 June ..	50	25 June.*
Hovert, H., and another, Auckland, N.Z. Stay for keeping trunk-lid open	16275	25 April ..	37	14 May.*
Hovey, C. C., New York, U.S.A. (See J. T. Hunter, No. 16173.)				
Hoyt, G. E., San Francisco, U.S.A. Gas or explosive engine ..	16417	27 May ..	50	25 June.
Hughes, W. E., Wellington, N.Z. Localising mineral deposits. (Electrical Ore Finding Company—L. Daft and A. Williams)	16076	11 March ..	50	25 June.
Hughes, W. E., Wellington, N.Z. Producing gas or vapour bath for electric current. (Cooper-Hewitt Electric Company—P. Cooper-Hewitt)	16230	15 April ..	57	9 July.
Hughes, W. E., Wellington, N.Z. Preserving eggs. (A. Pfaff) ..	16462	10 June ..	57	9 July.
Hughes, W. E., Wellington, N.Z. Vehicle brake. (W. C. Mitchell and M. Cummins)	16536	24 June ..	60	23 July.
Hughes, W. E., Wellington, N.Z. Controller for electric motor. (G. Westinghouse)	16537	24 June ..	60	23 July.
Humphreys, A. W., Wellington, N.Z. Vehicle brake	15215	2 Aug., 1902..	47	11 June.
Hunter, I., Dunedin, N.Z. Cuff	16191	4 April ..	29	16 April.*
Hunter, J. T., Wellington, N.Z. Sealing-jar for food-preserving. (C. C. Hovey-G. Lees)	16173	2 April ..	29	16 April.
Hunter, J. T., Wellington, N.Z. Transforming electrical energy. (Cooper-Hewitt Electric Company—P. Cooper-Hewitt)	16169	2 April ..	57	9 July.
Hurley, G. A., and another, Wellington, N.Z. Gold-saving apparatus	15220	5 Aug., 1902..	43	28 May.
Hurst, I., Oamaru, N.Z. Fire-escape	16419	27 May ..	47	11 June.*
Hutton, L. S. H., Christchurch, N.Z. Lock for bicycle-wheel ..	16251	18 April ..	37	14 May.*
Ivel Agricultural Motors, Limited, London, Eng. Agricultural motor tractor. (D. Albone)	16341	13 May ..	43	28 May.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Jacobson, S. H., New York, U.S.A. Ventilator	16512	20 June, 1902†	..	..
Jagger, P. B., London, Eng. Non-refillable bottle	16299	6 May ..	43	28 May.
Jensen, A. E., Feilding, N.Z. Wire-fastener	16429	2 June ..	47	11 June.*
Jensen, A. E., Feilding, N.Z. Wire-clip	16430	2 June ..	47	11 June.*
Jermyn, W., Masterton, N.Z. Comb	16384	12 May ..	43	28 May.*
Jerrard, C. H., East Ham, Essex, Eng. Cleaning tram-rails ..	16347	14 May ..	47	11 June.
Jesson, W. G., Christchurch, N.Z. Holding doors ajar.. ..	16214	7 April ..	33	30 April.*
Johanson, E., Waiwhero, N.Z. Non-refillable bottle	16316	8 May ..	43	28 May.
Johnson, J. T., Waipori, N.Z. Driving dredge machinery by water-power	15086	3 July, 1902 ..	27	16 April.
Johnson, J., Dunedin, N.Z. Pneumatic foot	15199	30 July, 1902 ..	37	14 May.
Johnson, T. C., New Haven, U.S.A. (See Winchester Repeating Arms Company, No. 16339.)				
Johnston, J., and another, Bombay, N.Z. Mortising, boring, and tenon-shaping machine	16546	20 June ..	57	9 July.*
Jolly, H. R., Hokitika, N.Z. Hose-coupling	16500	16 June ..	63	6 August.
Jones, E., Auckland, N.Z. Sleeve-link	16532	23 June ..	57	9 July.*
Jones, T. D., and others, Sydney, N.S.W. Fire-escape	16338	13 May ..	43	28 May.
Jorgensen, O. A., and another, Wellington, N.Z. Street-cleaning machine	16567	29 June ..	66	20 Aug.
Just, J. A., Syracuse, U.S.A. (See J. R. Hatmaker, No. 16287.)				
Kelly, H. A. E., Dunedin, N.Z. Draught-creating device for register-grate	16484	9 June ..	50	25 June.*
Kelly, H. A. E., Dunedin, N.Z. Adjusting shutters of register-grate	16486	13 June ..	50	25 June.*
Kelly, J., Palmerston, N.Z. Railway bicycle-trolley	16216	7 April ..	33	30 April.*
Kelly, J. D., and another, Wellington, N.Z. Peg	16289	30 April ..	37	14 May.*
Kelly, R. D., Pigeon Bay, N.Z. Vehicle draw-gear	15254	15 Aug., 1902..	37	14 May.
Keon, W. H., and another, Dunedin, N.Z. Fire-escape	15261	15 Aug., 1902..	50	25 June.
Kerr, J., Yering, Vic. Milk-strainer	16370	19 May ..	47	11 June.
Kerr, J., Yering, Vic. Milking-bucket	16371	19 May ..	47	11 June.
Kerr, J., Yering, Vic. Milk cooler or refrigerator	16396	28 May ..	47	11 June.
Kibblewhite, J. T., and another, Petone, N.Z. Wheelbarrow ..	16391	27 May ..	47	11 June.*
Kibblewhite, J. T., and another, Petone, N.Z. Lifting-jack ..	16392	27 May ..	50	25 June.*
Kingsbeer, A. J., Palmerston North, N.Z. Bricks	16228	15 April ..	33	30 April.*
Kingsland, W., London, Eng. Electric-switch	16501	17 June ..	70	3 Sept.
Kirkpatrick-Picard, H. F., and another, London, Eng. Recovery of precious metals	16505	17 June ..	57	9 July.
Kleist, de. (See under D.)				
Koch, E. S., Wellington, N.Z. Curtain-pole	16409	29 May ..	60	23 July.
Kortlang, L., and another, Neutral Bay, N.S.W. Extension-table	15775	17 Dec., 1902..	33	30 April.
Kortlang, A., and another, Neutral Bay, N.S.W. Extension-table	15775	17 Dec., 1902..	33	30 April.
Lashlie, C., Christchurch, N.Z. Hat and clothes brush	15365	5 Sept., 1902	50	25 June.
Lathey, H. F., and another, Dunedin, N.Z. Wall and table bracket	16564	26 June ..	57	9 July.*
Laughton, E., and another, Adelaide, S.A. Separation of minerals	16466	10 June ..	50	25 June.*
Laval, De. (See under D.)				
Layton, W. J. S., Dunedin, N.Z. Tube-cleaner	16296	1 May ..	37	14 May.*
Lees, G., Chicago, U.S.A. (See J. T. Hunter, No. 16173.)				
Legge, A. M., Christchurch, N.Z. Lubricating device for wheels ..	16248	16 April ..	33	30 April.*
Lindmark, T. G. E., Langholmen, Sweden. Elastic fluid-turbine ..	16415	27 May ..	50	25 June.
Linley, F. M., Castlemaine, Vic. Shirt-fastening	16266	24 April ..	37	14 May.
Lintern, S., Strathmore, N.Z. Retaining window-sash	16255	22 April ..	33	30 April.*
Lintern, S., Strathmore, N.Z. Railway coupling	16343	13 May ..	43	28 May.*
Lister, C. A., Auckland, N.Z. Enamelled pasteboard	16199	3 April ..	29	16 April.*
Longhurst, H. A., and another, London, Eng. Linotype machine..	16381	22 May ..	50	25 June.
Lorie, A. F. W., Dunedin, N.Z. Sash-fastener	16418	29 May ..	47	11 June.*
Lloyd, E. W., Bobinawarrah, Vic. Measuring milk	16346	14 May ..	43	28 May.*
Lloyd, J., Westport, N.Z. (See J. H. Cobb, No. 16291.)				
Lowry, G. A., Chicago, U.S.A. Charging fluids with gas	16569	30 June ..	60	23 July.
Lowe, W., Invercargill, N.Z. Seed-sower	16297	1 May ..	37	14 May.*
Luxford, W. L., Dannevirke, N.Z. Traction on wooden tramways	15056	30 June, 1902	29	16 April.
Macintosh, J. M., Brunswick, Vic. Sash-fastener	16372	19 May ..	43	28 May.*
Mackay, A. G., Totaranui, N.Z. Chamber utensil	16420	27 May ..	50	25 June.*
Mackay, G. W. L., Awaroa, N.Z. Signalling-target	16243	15 April ..	33	30 April.*
Mackay, G. W. L., Awaroa, N.Z. Saddle-cloth	16244	15 April ..	33	30 April.*
Madden, W., and another, Auckland, N.Z. Stay for keeping trunk-lid open	16275	25 April ..	37	14 May.*
Madder, W., New Plymouth, N.Z. Damper-frame	16373	19 May ..	47	11 June.
Maddren, W. J., and others, Wellington, N.Z. Collapsible box ..	16254	20 April ..	33	30 April.*
Maddren, W. J., and others, Wellington, N.Z. Putting up butter into regular quantities	16253	20 April ..	60	23 July.*
Maddren, W. J., and another, Palmerston North, N.Z. Milk-can lid	16452	8 June ..	57	9 July.
Mahoney, F. J., and another, Christchurch, N.Z. Incandescent lamp	16406	27 May ..	47	11 June.*
Mainland, H. L., Dunedin, N.Z. Cuff-fastener	16448	4 June ..	..	..
Mains, J., Port Chalmers, N.Z. Cross-beam for hatches	16519	17 June ..	57	9 July.*
Maniachi, A. V., Melbourne, Vic. Stove	16205	8 April ..	33	30 April.
Mansfield, A., North Fitzroy, Vic. (See H. S. Hayling, No. 16461.)				
Marshall, E., London, Eng. Stopping bottles	16159	1 April ..	..	..
Maschwitz, W. P., Sydney, N.S.W. Bottle-stopper	16210	8 April ..	37	14 May.
Masters, A. P., Wellington, N.Z. Ventilator	16441	6 June ..	47	11 June.*
Mayne, W., Mildura, Vic. Engine-valve gear	16185	4 April ..	29	16 April.
Mayo, B. F., Salem, U.S.A. (See United Shoe Machinery Company, Nos. 15413 and 16207.)				

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
McGowan, H., East Melbourne, Vic. Linotype machine ..	15717	4 Dec., 1902..	33	30 April.
McHardy, L. H., Blackhead, N.Z. Wire-fencing standard ..	16456	6 June ..	50	25 June.
Mellraith, Q. A., Te Pahi, N.Z. Coiling and uncoiling wires ..	15065	27 June, 1902..	47	11 June.
McIntyre, A. R., Gisborne, N.Z. Yoking-in horses ..	16480	10 June ..	57	9 July.*
McKay, J., Dunedin, N.Z. Window-lock ..	16322	6 May ..	37	14 May.*
McKenzie, A. W., and another, Timaru, N.Z. Bivalve-opener ..	15239	8 Aug., 1902..	37	14 May.
McKenzie, J. B., and another, Timaru, N.Z. Bivalve-opener ..	15239	8 Aug., 1902..	37	14 May.
McKenzie, C. R., Oroville, U.S.A. Gold-saving rifle ..	16433	4 June ..	50	25 June.
McKenzie, D., Auckland, N.Z. Coiler and spindle for wire-weaving machine ..	16454	4 June ..	50	25 June.*
McLaren, R. A., and others, Renfrew, Scotland. Chain grate-stoker ..	16538	24 June ..	..	..
McLauchlan, E. M., Springhills, N.Z. Buckle ..	16170	2 April ..	29	16 April.*
McLauchlan, E. M., Springhills, N.Z. Staple for bookbinding ..	16171	2 April ..	29	16 April.*
McLaughlan, E. M., Springhills, N.Z. Rivet ..	16172	2 April ..	29	16 April.*
McLean, D. W., Methven, N.Z. Gear for motors ..	16477	11 June ..	50	25 June.*
McLeod, A., Auckland, N.Z. Brand ..	16548	22 June ..	57	9 July.*
McLeod, A., Auckland, N.Z. Burner and heater ..	15547	22 June ..	57	9 July.*
McLeod, F., Wellington, N.Z. Non-refillable bottle ..	15030	23 June, 1902..	33	30 April.
McLeod, M. E., Tanjil, Vic. Dress-chart ..	16183	4 April ..	29	16 April.*
McLeod, H. N., and another, Wellington, N.Z. Gold-saving apparatus ..	15220	5 Aug., 1902..	43	28 May.
McQueen, J., and others, Dunedin, N.Z. Shot-making machine ..	16303	1 May ..	37	14 May.*
McQueen, J., and others, Dunedin, N.Z. Cutting material into strips ..	16304	1 May ..	37	14 May.*
McTear, B. F., and another, Rainhill, Eng. Manufacture of tubes ..	16161	1 April ..	29	16 April.
Meddings, W. G., Auckland, N.Z. Incubator ..	16550	23 June ..	..	..
Meinung, H. M., Dunedin, N.Z. Generating power from tidal water ..	16543	25 June ..	57	9 July.*
Meyenberg, W. F., Tairua, N.Z. Diving-apparatus ..	16269	25 April ..	33	30 April.*
Michelli, W. T., Dunedin, N.Z. Window-fastening ..	15010	17 June, 1902..	37	14 May.
Miller, C., Nelson, N.Z. Photo, Christmas, and New Year cards ..	16542	22 June ..	63	6 August.
Miller, E. H., London, Eng. Eliminating sulphur from ores ..	16300	6 May ..	43	28 May.
Miller, T., and another, Masterton, N.Z. Composition for destroying noxious weeds ..	16389	26 May ..	47	11 June.*
Miller, W. O., and another, Dunedin, N.Z. Fire-escape ..	15261	15 Aug., 1902..	50	25 June.
Millsom, T. C., St. Kilda, Vic. Cure for deafness ..	16475	10 June ..	50	25 June.*
Mitchell, W. C., and another, Lancaster, Eng. (See W. E. Hughes, No. 16536.)				
Monro, A. V. H., and another, Dunedin, N.Z. Safety grip-block ..	16413	27 May ..	47	11 June.*
Montagu, R. L., Oroville, U.S.A. Recovery of metals ..	16517	16 June ..	57	9 July.*
Montgomerie, R. A., Wanganui, N.Z. Fencing-dropper ..	16554	26 June ..	60	23 July.
Montgomery, J., Little River, Canterbury, N.Z. Tie-clip ..	16317	8 May ..	43	28 May.
Montgomery, J., Christchurch, N.Z. Tie-clip ..	16192	4 April ..	29	16 April.
Morgan, J. C., Mangamahū, N.Z. Animal-cover fastening ..	16422	1 June ..	47	11 June.*
Morison, G. S., Bendigo, Vic. Steam-engines ..	16232	16 April ..	33	30 April.*
Morrison, C. M., Auckland, N.Z. Pocket-book ..	16224	14 April ..	33	30 April.
Moss, E., Christchurch, N.Z. Carcase-weighing machine ..	16250	17 April ..	33	30 April.*
Moul, A., London, Eng. Target apparatus ..	16332	12 May ..	50	25 June.
Mudge, B. C., Maine, U.S.A. Manufacture of flax-fibre ..	16403	28 May ..	47	11 June.
Muir, W., and another, Middlesex, Eng. Mechanically igniting material ..	16325	6 May ..	43	28 May.
Mulhare, J. W., Invercargill, N.Z. Shears ..	16515	15 June ..	..	..
Mulhare, J. W., Invercargill, N.Z. Pocket-knife ..	16540	20 June ..	57	9 July.*
Mulhare, J. W., Invercargill, N.Z. Water-purifier for tank ..	16471	4 June ..	50	25 June.*
Mundy, A. J., and others, Boston, U.S.A. (See Submarine Signal Company, No. 16467.)				
Murphy, J. T., Blenheim, N.Z. Bird-trap ..	16495	12 June ..	50	25 June.*
Murphy, W., Arrowtown, N.Z. Trap-seat regulator ..	16352	12 May ..	43	28 May.*
Murphy, W., Arrowtown, N.Z. Vehicle-brake ..	16353	12 May ..	43	28 May.*
Murphy, W., Arrowtown, N.Z. Tire setter and extractor ..	16354	12 May ..	43	28 May.*
Murray, R. L. H., Auckland, N.Z. Acetylene-generator ..	16221	7 April ..	33	30 April.
Needham, L. A., and another, Wellington, N.Z. Street-cleaner ..	16567	29 June ..	66	20 August.
Nelson, H., Wellington, N.Z. (See A. J. Park, No. 16261.)				
Nicholson, N. L., Winton, N.Z. Saw, &c., handle ..	16459	9 June ..	50	25 June.*
Nicol, J. L., Invercargill, N.Z. Holder for saucer, plaque, &c. ..	16321	6 May ..	37	14 May.*
Noble, A. H. P., and another, Christchurch, N.Z. Exterminating rabbits ..	15057	28 June, 1902..	57	9 July.
Nolan, W. P., Port Chalmers, N.Z. Ticket-dater ..	16212	6 April ..	37	14 May.*
North, T. W., Christchurch, N.Z. Horse-collar ..	15380	11 Sept., 1902	57	9 July.
Norton, E., New York, U.S.A. Bottle-cap ..	16337	13 May ..	43	28 May.
Noy, H. G. W. L., and another, Dunedin, N.Z. Safety grip-block ..	16413	27 May ..	47	11 June.*
Oaten, J., Melbourne, Vic. Animal-rug fastener ..	16369	13 May ..	47	11 June.
Ogle, G. R., Devonport, N.Z. Draught and dust excluder for doors ..	16562	25 June ..	60	23 July.*
Oliver Mill Company, Limited, The, London, England. Disintegrating-machine. (J. Thame and A. W. Smith)	16424	2 June ..	50	25 June.
Ollerenshaw, W., and another, Dunedin, N.Z. (See A. F. Roy, No. 15263.)				
O'Neil, J., Christchurch, N.Z. Windmill-lubricator ..	16290	29 April ..	43	28 May.*
Orbell, J., Seacliff, N.Z. Washer ..	16201	3 April ..	29	16 April.*
Orbell, J., Seacliff, N.Z. Fish-plate ..	16202	3 April ..	29	16 April.*
O'Rourke, T. M., Matakītaki, N.Z. Gold-saving screen and elevator ..	16361	16 May ..	57	9 July.
Osmond, S. J., Laura, South Australia. Washing-machine ..	16285	30 April ..	..	..
Otto, C., and another, Dunedin, N.Z. Collapsible box ..	16307	2 May ..	37	14 May.*
Otto, C., Dunedin, N.Z. Collapsible box ..	16539	22 June ..	57	9 July.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Palmer, G. C., Wellington, N.Z. Cartridge-holder	16162	1 April ..	29	16 April.*
Park, A. J., and another, Ngaruawahia, N.Z. Milk-weighing apparatus	16239	17 April ..	33	30 April.
Park, A. J., Dunedin, N.Z. Increasing saleability of goods. (H. Nelson)	16261	17 April ..	33	30 April.*
Park, J. R., Dunedin, N.Z. Secateur. (A. W. A. Barnard and W. G. Reid)	16487	12 June ..	50	25 June.*
Park, J. R., Dunedin, N.Z. Sash mover and lock. (R. N. Adams)	16489	12 June ..	50	25 June.*
Park, J. R., Dunedin, N.Z. Fish-plate. (R. N. Adams)	16491	11 June ..	50	25 June.*
Parker, A., Dannevirke, N.Z. Dust and draft excluder for door ..	16376	19 May ..	43	28 May.*
Parker, A., Dannevirke, N.Z. Sheep and cattle brand	16541	25 June ..	..	..
Parsons, C. A., Newcastle-on-Tyne, Eng. Steam-turbine	16335	13 May ..	47	11 June.
Payne, F. W., Dunedin, N.Z. Lock-nut	16367	13 May ..	..	..
Pearson, G. A., Lower Hutt, N.Z. Slack-adjuster for brakes ..	16558	27 June ..	60	23 July.*
Pease, C., Salem, U.S.A. (See United-Xpedite Finishing Company, No. 16509.)				
Pennington, R. E. and another, Melbourne, Vic. Lock-nut plate ..	15623	13 Nov., 1902	33	30 April.
Peppler, A., Christchurch, N.Z. Window. (W. Biel)	16447	8 June ..	57	9 July.*
Percival, G., Narromine, N.S.W. Rear hub-sprocket for bicycle ..	16435	4 June ..	60	23 July.
Perdriau, E. C. and another, Melbourne, Vic. Boot sole and heel ..	15279	21 Aug., 1902	29	16 April
Peters, G. A., Toronto, Canada. Target	16362	13 May ..	47	11 June.
Peterson, A., and another, Invercargill, N.Z. Skylight	16260	17 April ..	33	30 April.*
Peterson, J., and another, Invercargill, N.Z. Skylight	16260	17 April ..	33	30 April.*
Pfaff, A., Melbourne, Vic. (See W. E. Hughes, No. 16462.)				
Phillimore, A. E., Bath, Eng. Bedstead	15226	7 Aug., 1902	37	14 May.
Phillips, L., Hokitika, N.Z. Tailings and sand pump	16252	20 April ..	33	30 April.*
Phillips, E., Melbourne, Vic. Free-piston engine. (O. C. Duryea and M. C. White)	16400	23 May ..	50	25 June.
Picard. (See Kirkpatrick-Picard.)				
Pickard, C. J., and another, Kimbolton, N.Z. Tire	16314	8 May ..	37	14 May.*
Pomeroy, J. H., Invercargill, N.Z. Hat-fastener	16236	16 April ..	33	30 April.*
Pope, D., Caversham, N.Z. Wheel for vehicle, cycle, &c. ..	16203	9 April ..	29	16 April.*
Porter, G., Ashburton, N.Z. Cycle-chain drive	16195	6 April ..	33	30 April.*
Potter, C. V., St. Kilda, Vic. Acidulated oleaginous solution ..	16397	23 May ..	47	11 June.*
Potts, T., Pahiatua, N.Z. Medicinal preparation	16360	16 May ..	47	11 June.
Poynter, J. B., Wellington, N.Z. Fastening together papers, &c. ..	16494	15 June ..	66	20 August.*
Preston, W., and another, Richmond, Vic. Amalgamator	16513	13 June ..	57	9 July.*
Pritchett, P. H., Governor's Bay, N.Z. Felling trees mechanically	16273	24 April ..	37	14 May.*
Quilter, T. F., and another, Waipori, N.Z. Removing clay from dredge-bucket	15175	23 July, 1902 ..	33	30 April.
Ramson, F. S., Maunu, N.Z. Appliance for producing outline maps	16551	26 June ..	57	9 July.*
Raymond, A. A., Chicago, U.S.A. (See Raymond Concrete Pile Company, No. 16167.)				
Raymond Concrete Pile Company, Chicago, U.S.A. Forming piles (A. A. Raymond)	16167	2 April ..	33	30 April.
Reid, J. H., Newark, U.S.A. Generating electricity	16249	16 April ..	66	20 August
Reid, W. G., and another, Dunedin, N.Z. (See J. R. Park, No. 16487.)				
Remmant, G. W., Manutahi, N.Z. Potato-plough	16436	4 June ..	47	11 June.*
Renner, G., and another, Kaikoura, N.Z. Opening and closing swing-gates	16387	26 May ..	47	11 June.*
Renoy, L. J., Auch, France. Boiler for cooking	16211	6 April ..	33	30 April.
Restell, R. B., Hamilton, N.Z. Seed-drill	16235	16 April ..	37	14 May.*
Ribbert, J., Holthausen, Germany. Manufacture of coloured fabrics	16206	8 April ..	33	30 April.
Richardson, G. E., Thebarton, South Australia. Railway coupling	16286	30 April ..	37	14 May.
Ridd, C., and another, Eltham, N.Z. Cow-teat probe	15964	10 Feb. ..	33	30 April.
Roberts, L., Dunedin, N.Z. Dress-cutting chart	15241	6 Aug., 1902..	43	28 May.
Robertson, W., Dunedin, N.Z. Flue-damper	16560	24 June ..	60	23 July.*
Rockell, H. M., and another, Rangiwahia, N.Z. Withdrawing liquids	16328	11 May ..	43	28 May.
Rollo, J. A., Medbury, N.Z. Fencing-staple	16247	16 April ..	33	30 April.*
Rosenberg, H. M., Wellington, N.Z. Kitchen table	16200	7 April ..	29	16 April.*
Ross, A., Sutton, England. Circulating waters of boilers. (S. J. Wilford)	16242	15 April ..	37	14 May.
Ross, H. I. M., Dunedin, N.Z. Ventilator	16368	13 May ..	47	11 June.
Rottman, F. J., London, England. (See C. F. Büng, No. 16358.)				
Rouse, A. E., Perth, W.A. Pressure protector-frame for diving-dress	16482	12 June ..	50	25 June.*
Rotherham, T. F., and others, Perth, W.A. Railway flag-signal staff	16483	12 June ..	50	25 June.*
Roy, A. F., Dunedin, N.Z. Waterproofing composition. (J. Taylor and W. Ollerenshaw)	15263	15 Aug., 1902..	43	28 May.
Russell, A., Dunedin, N.Z. Candle clasp or holder	16520	17 June ..	60	23 July.
Russell, J. J., Milton, N.S.W. (See J. Channon, No. 16187.)				
Russell, T. G., and another, Christchurch, N.Z. Exterminating rabbits	15057	28 June, 1902..	57	9 July.
Ryding, F., Melbourne, Vic. Legging	16488	12 June ..	57	9 July.
Sargent, W. D., New York, U.S.A. Making brake-shoe	16226	15 April ..	33	30 April.
Saunders, H. J., and another, Perth, W.A. Self-grip and draw-off attachment for vessels	16534	24 June ..	60	23 July.
Saunders, L. E., and another, Perth, W.A. Self-grip and draw-off attachment for vessels	16534	24 June ..	60	23 July.
Saunders, M., Pleasant Point, N.Z. Harvesting-appliance	15022	13 June, 1902	33	30 April.
Sawyer, C., Wellington, N.Z. Paint-brush binder	15319	28 Aug., 1902..	33	30 April.*
Saxton, E., Stoke, N.Z. Cycling-gauntlet	15028	28 March ..	33	30 April.*
Schmitt, E. D., Baltimore, U.S.A. (See Universal Seal and Stopper Company, Nos. 16571 and 16572.)				

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Schultze, A., and another, Greymouth, N.Z. Outer cover for tire ..	16196	2 April ..	29	16 April.*
Scott, C. F., Pittsburg, U.S.A. (See J. P. Campbell, No. 16233.)				
Scott, G. M., Dunedin, N.Z. Sash hanger and lock ..	16582	29 June ..	60	23 July.*
Scott, J., and another, Cobden, N.Z. Tin opener and cutter ..	16382	19 May ..	47	11 June.*
Scott, J. R., Boston, U.S.A. (See United Shoe Machinery Company, No. 15207.)				
Scoullar, J. G., Dunedin, N.Z. Collapsible crate ..	16411	26 May ..	47	11 June.*
Scurr, C. N., Dunedin, N.Z. Window-lock. (R. N. Adams) ..	16215	7 April ..	33	30 April.*
Scurr, C. N., Dunedin, N.Z. Fish-plate. (R. N. Adams) ..	16270	24 April ..	37	14 May.*
Scurr, C. N., Dunedin, N.Z. Holding material to be cut for making mitre-joints. (R. Wales)	16305	1 May ..	37	14 May.*
Scurr, C. N., Dunedin, N.Z. Arm-adjustment for mitre-cutting frame. (R. Wales)	16306	2 May ..	37	14 May.*
Scurr, C. N., Dunedin, N.Z. Locking-dog for nuts. (R. Wales) ..	16312	5 May ..	37	14 May.*
Seavill, W., Waingaro, N.Z. Gate-catch ..	16478	8 June ..	57	9 July.*
"Secretary," New York, U.S.A. Gas-stove. (D. J. Clark) ..	16449	8 June ..	60	23 July.
Shaw, E. J., Walsall, England Hanging-lamp pendant ..	16502	17 June ..	57	9 July.
Shaw, J. W., and others, Perth, W.A. Railway flag-signal staff ..	16483	12 June ..	50	25 June.*
Shaw, W. E., Sydney, N.S.W. Tobacco-transporting box ..	15209	2 Aug., 1902..	37	14 May.
Shepherd, J., Dunedin, N.Z. Dredging machinery ..	15097	10 July, 1902..	43	28 May.
Shepherd, J., Invercargill, N.Z. Dredging machinery ..	16333	12 May ..	47	11 June.*
Shilton, G. T., and another, Greymouth, N.Z. Outer cover for tire ..	16196	2 April ..	29	16 April.*
Short, J. T., and others, Perth, W.A. Railway flag-signal staff ..	16483	12 June ..	50	25 June.*
Short, R. W., and another, Petone, N.Z. Wheelbarrow ..	16391	27 May ..	47	11 June.*
Short, R. W., and another, Petone, N.Z. Lifting-jack ..	16392	27 May ..	50	25 June.*
Sigley, J. R., Gisborne, N.Z. Concrete tank ..	15301	22 Aug., 1902..	50	25 June.
Slemitz, C., Wellington, N.Z. Washing-copper ..	15064	30 June, 1902..	29	16 April.
Smaill, J., Port Chalmers, N.Z. Determining quantity of liquid in refrigerating apparatus	14830	2 May, 1902..	47	11 June.
Smaill, J., Port Chalmers, N.Z. Steam-generator ..	16565	25 June ..	60	23 July.*
Smith, A. W., and another, Barking, Eng. (See The Oliver Mill Company (Limited), No. 16424.)				
Smith, C. B., Melbourne, Vic. Counter-check sales-book (E. M. Wildey)	16330	8 May ..	43	28 May.
Smith, C. S., and another, Dunedin, N.Z. Collapsible box ..	16307	2 May ..	37	14 May.*
Smith, G. J., and another, Greymouth, N.Z. Tin opener and cutter ..	16382	19 May ..	47	11 June.*
Smith, J. D., Dunedin, N.Z. Dressing New Zealand flax ..	16561	24 June ..	60	23 July.*
Snapper, R., Albert Park, Vict. Boot-fastening ..	15213	2 Aug., 1902..	37	14 May.
Somerville, W. G., and another, Dunedin, N.Z. Wall and table bracket	16564	26 June ..	57	9 July.*
Spackman, C. V., Mauriceville, N.Z. Horse or cow cover fastening	16557	27 June ..	60	23 July.*
Stanton, A. R., and another, Dunedin, N.Z. Raising sunken vessels	16096	16 March ..	37	14 May.
Stenhouse, J., and another, Dunedin, N.Z. Spark-arrester ..	16490	12 June ..	50	25 June.*
Stenhouse, W., and another, Dunedin, N.Z. Spark-arrester ..	16490	12 June ..	50	25 June.*
Stevenson, G., Riversdale, N.Z. Adjustable earth-auger ..	16188	4 April ..	29	16 April.*
Stevenson, G., Riversdale, N.Z. Straw-elevator of threshing-machine	16189	4 April ..	29	16 April.*
Stevenson, G., Riversdale, N.Z. Operating venetian-blinds ..	16190	4 April ..	29	16 April.*
Stevenson, G., Riversdale, N.Z. Candle-extinguisher ..	16198	6 April ..	29	16 April.*
Stevenson, G. S., Wendon, N.Z. Attachment to vehicle draw-bar..	16458	9 June ..	50	25 June.*
Stevenson, W. B., Witwatersrand, Transvaal. Safety-gear for mine-skips	16401	28 May ..	47	11 June.
Stevenson, W. G., Prospect, South Australia. Anti-rattling door and window device	16399	28 May ..	..	..
Stewart, R. T., Waikato, N.Z. School-slate cleaner ..	16384	20 May ..	47	11 June.*
Stokes, C. L., Wellington, N.Z. Balancing window-sash ..	16237	16 April ..	33	30 April.*
Stout, W. H., and another, Dayton, U.S.A. Box-making machine..	16256	22 April ..	47	11 June.
Submarine Signal Company, Maine, U.S.A. Producing sound-vibrations in water. (A. J. Mundy, H. B. Gale, and F. M. Dewing)	16467	6 June ..	57	9 July.
Sulman, H. L., and another, London, Eng. Recovery of precious metals	16505	17 June ..	57	9 July.
Sutcliffe, E. R., and others, Leigh, Eng. Manufacture of bricks ..	16336	13 May ..	47	11 June.
Sutcliffe, Speakman, and Co., Limited, and another, Leigh, Eng. Manufacture of bricks	16336	13 May ..	47	11 June.
Taylor, J., and another, Dunedin, N.Z. (See A. F. Roy, No. 15263.)				
Taylor, J., Dunedin, N.Z. Waterproofing composition ..	16280	25 April ..	37	14 May.*
Taylor, R. E., Christchurch, N.Z. Earth-scoop ..	16177	1 April ..	29	16 April.*
Temperley, G. W., Wellington, N.Z. Boot and shoe soles, &c. ..	16174	2 April ..	29	16 April.
Tempest, A. J. F., Auckland, N.Z. Oil-regulator for engine ..	16531	18 June ..	57	9 July.*
Terrill, T., London, Eng. Manufacturing incandescent mantle ..	16259	22 April ..	37	14 May.
Thame, J., and another, London, Eng. (See The Oliver Mill Company, Limited, No. 16424.)				
Thomas, W., Geraldine, N.Z. Changing photographic-plates ..	16016	20 Feb. ..	37	14 May.
Thompson, H., and another, Wanganui, N.Z. Trouser-clip ..	16281	20 April ..	37	14 May.*
Thompson, J. H., Melbourne, Vic. Pegless clothes-line ..	16402	28 May ..	63	6 August.
Thomsen, W. A., Rotorua, N.Z. Securing hat to head ..	15461	1 Oct., 1903 ..	57	9 July.
Thomson, D., Edinburgh, Scotland. Material-dividing machine ..	16442	4 June ..	..	..
Thomson, F., and another, Rangiwahia, N.Z. Withdrawing liquids	16328	11 May ..	43	28 May.
Thomson, R. W., Lynn, U.S.A. (See United-Xpedite Finishing Company, No. 16510.)				
Thorpe, H. M., and another, Ngaurawahia, N.Z. Milk-weighing apparatus	16239	17 April ..	33	30 April.
Tolson, J., Toorak, Vic. Incandescent-mantle lighting ..	16511	30 July 1902†	63	6 August.
Tonge, A. J., and others, Bolton, Eng. Hydraulic press and pump	16308	7 May ..	43	28 May.
Tonge, J., jun., and others, Bolton, Eng. Hydraulic press and pump	16308	7 May ..	43	28 May.
Tonkin, J. E., and others, Camperdown, N.S.W. Fire-escape ..	16338	13 May ..	43	28 May.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Topliss, H. J., and another, Addington, N.Z. Utilising exhaust from oil-engine	15339	1 Sept., 1902	50	25 June.
Trewhella, B., and another, Trentham, Vic. Operating pawls of lever-jacks	16524	19 June ..	57	9 July.*
Trewhella, W., and another, Trentham, Vic. Operating pawls of lever-jacks	16524	19 June ..	57	9 July.*
Trillo, C., and another, Invercargill, N.Z. Marking-tool ..	16522	20 June ..	57	9 July.*
Tripe, J. D., and another, Wanganui, N.Z. Trousers-clip ..	16281	20 April ..	37	14 May.*
Trivick, S., South Norwood, Eng. Manufacture of dry sulphates of alkali metals	16405	28 May ..	47	11 June.
Trolley, I., Grantham, Eng. Sheaf-binding harvester and trusser ..	15600	5 Nov., 1902..	50	25 June.
Turner, H. D., Carterton, N.Z. Manufacture of independent letters for signs and advertising	16344	13 May ..	43	28 May.*
United Shoe Machinery Company, Paterson, U.S.A. Apparatus for turning boot or shoe. (A. Eppler)	15103	10 July, 1902 ..	33	30 April.
United Shoe Machinery Company, Paterson, U.S.A. Skiving-machine. (E. F. Davenport)	15203	2 Aug., 1902	33	30 April.
United Shoe Machinery Company, Paterson, U.S.A. Machine for inserting fastenings. (E. T. Freeman)	15205	2 Aug., 1902	33	30 April.
United Shoe Machinery Company, Paterson, U.S.A. Leather-skiving machine. (J. R. Scott)	15207	2 Aug., 1902	33	30 April.
United Shoe Machinery Company, Paterson, U.S.A. Skiving-machine. (C. H. Bayley)	15204	2 Aug., 1902	33	30 April.
United Shoe Machinery Company, Paterson, U.S.A. Heel-attaching machine. (B. F. Mayo)	16207	8 April ..	33	30 April.
United Shoe Machinery Company, Paterson, U.S.A. Nurling-machine. (L. A. Casgrain)	16229	15 April ..	33	30 April.*
United Shoe Machinery Company, Paterson, U.S.A. Nail-assorting mechanism. (B. F. Mayo)	15413	18 Sept., 1902	57	9 July.
United-Xpedite Finishing Company, Berwick, U.S.A. Heel-finishing machine. (C. Pease)	16509	18 June .	57	9 July.*
United-Xpedite Finishing Company, Berwick, U.S.A. Heel-finishing machine. (R. W. Thomson)	16510	18 June ..	57	9 July.*
Universal Seal and Stopper Company, Camden, U.S.A. Bottle-sealing device. (E. D. Schmitt)	16571	30 June ..	60	23 July.
Universal Seal and Stopper Company, Camden, U.S.A. Bottle-sealing device. (E. D. Schmitt)	16572	30 June ..	60	23 July.
Vacuum Tin Syndicate, Limited, The, Bristol, Eng. Exhausting air from cans, &c. (W. E. W. Cates)	16180	3 April ..	29	16 April.
Wardman, E., Dunedin, N.Z. Shoe and blacklead brush ..	16366	15 May ..	47	11 June.*
Wagner, M., Wiesbaden, Germany. Skeleton-bearing ..	16395	28 May ..	57	9 July.
Wales, R., Dunedin, N.Z. (See C. N. Scurr, Nos. 16305, 16306, 16312.)				
Walker, E., Wellington, N.Z. Ventilator window-blind and fire-screen	16552	26 June ..	57	9 July.*
Walsh, J. R., Halswell, N.Z. Potato-digger ..	16219	9 April ..	33	30 April.*
Walters, W. B., Dunedin, N.Z. Production of hydrocarbon gas ..	15260	16 Aug., 1902	50	25 June.
Ward, C. H., Windsor, Vic. Manufacturing pigments for use as a paint	16184	4 April ..	29	16 April.*
Ward, H. A., and another, Kimbolton, N.Z. Tire ..	16314	8 May ..	37	14 May.*
Waters, E., jun., Melbourne, Vic. Roller crushing-mill (Edison Ore Milling Syndicate, Limited. T. A. Edison)	16503	17 June ..	57	9 July.
Waters, W., Auckland, N.Z. Siphon ..	16220	8 April ..	33	30 April *
Watson, A. E., Kyneton, Vic. Wheel-scraper for agricultural-implementation	16527	19 June ..	60	23 July.
Watt, C. L., and another, Dunedin, N.Z. Spark-arrester ..	16472	8 June ..	50	25 June.*
Watt, I. N., and another, Dunedin, N.Z. Spark-arrester ..	16472	8 June ..	50	25 June.*
Watt, J. R., Islington, N.Z. Covering of walls of houses, &c. ..	16485	13 June ..	50	25 June.*
Watts, A. M. S., Palmerston North, N.Z. Attaching draw-off tap to drum	16288	30 April ..	37	14 May.*
Watts, W., Midland Junction, Western Aust. Railway pivot-blade joint	15493	9 Oct., 1902 ..	33	30 April.
Webster, W., Melbourne, Vic. Acetylene-generator ..	15752	10 Dec., 1902..	37	14 May.
Westinghouse Brake Company, Limited, London, Eng. Railway coupling. (J. W. Cloud)	16428	2 June ..	50	25 June.
Westinghouse, G., Pittsburg, U.S.A. (See W. E. Hughes, No. 16537.)				
White, G. W., Footscray, Vic. Hose-coupling ..	16262	17 April ..	33	30 April.*
White, M. C. and another, Los Angeles, U.S.A. (See E. Phillips, No. 16400.)				
Whitehorn, T., Coburg, Vic. Cigarette-trimming machine ..	16245	15 April ..	33	30 April.*
Whitehouse, J., Waihi, N.Z. Spark-arrester ..	15429	22 Sept., 1902	57	9 July.
Whitmore, E. H. and another, Invercargill, N.Z. Spring-hook for luggage-label	16217	4 May ..	43	28 May.
Wickman, S. J., Hawthorn, Vic. Laundry-stove ..	16437	4 June ..	47	11 June.*
Wicksteed, S. H., Stratford, N.Z. Catch for hauling-engine ..	16264	24 April ..	37	14 May.*
Wight, R. B., Auckland, N.Z. Removing paint, rust, &c., from iron vessels	16549	22 June ..	57	9 July.*
Willey, E. M., Sydney, N.S.W. (See C. B. Smith, No. 16330)				
Wilford, S. J., London, Eng. (See A. Ross, No. 16242)				
Wilhelm, E. F., Cunningham's, N.Z. Brake ..	16444	8 June ..	50	25 June.*
Wilhelm, E. H., Marton, N.Z. Searing and docking lambs' tails ..	16315	14 April ..	43	28 May.
Wilkinson, F., Petone, N.Z. Separation of fibres of wool, cotton, &c.	16257	22 April ..	33	30 April.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Williams, A., and another, Wimbledon, Eng. (See W. E. Hughes, No. 16076.)				
Williams, J. L., North Melbourne, Vic. Flushing latrine ..	16164	30 Dec., 1902..	37	14 May.
Williams, R., East Taieri, N.Z. Brand for carcasses, &c. ..	16182	1 April ..	29	16 April.*
Wilson, A., South Dunedin, N.Z. Hair-pin ..	16271	23 April ..	37	14 May.*
Wilson, J. F., and another, Invercargill, N.Z. Spring-hook for luggage-label ..	16217	4 May ..	43	28 May.
Winchester Repeating Arms Company, New Haven, U.S.A. Firearms. (T. C. Johnson)	16339	13 May ..	47	11 June.
Woltereck, H. C., London, Eng. Manufacture of hydro-cyanic acid	16535	24 June ..	60	23 July.
Woltereck, H. C., London, Eng. Production of ammonia by synthesis	16427	2 June ..	47	11 June.
Wood, A., Glebe, N.S.W. Shears, scissors, &c. ..	16526	19 June ..	60	23 July.
Worsnop, J., Auckland, N.Z. Hose-pipe coupling ..	16412	27 May ..	47	11 June.*
Wren, J., Invercargill, N.Z. Screw ..	16380	22 May ..	47	11 June.*
Wycherley, C. W., and another, Palmerston North and Wellington, N.Z. Legging-fastening	16279	29 April ..	37	14 May.*
Wycherley, H. S., and another, Palmerston North and Wellington, N.Z. Legging-fastening	16279	29 April ..	43	28 May.
Wylds, A. H., Palmerston North, N.Z. Sash holder and lock ..	16276	28 April ..	37	14 May.*
Young, C. E., and another, Eltham, N.Z. Cow-teat probe ..	15964	10 Feb. ..	33	30 April.

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 30TH JUNE, 1903.

* Denotes a provisional specification.

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

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Acetylene-generator ..	R. L. H. Murray ..	16221	7 April ..	33	30 April.
Acetylene-generator, Carbide feeder for ..	W. Webster ..	15752	10 Dec., 1902	37	14 May.
Acetylene-generator and lamp ..	H. Baumgarten ..	16506	17 June ..	57	9 July.
Advertising ..	H. D. Turner ..	16344	13 May ..	43	28 May.*
Agricultural motor-tractor ..	Ivel Agricultural Motors, Limited	16341	13 May ..	43	28 May.
Agricultural pick ..	A. V. Challier ..	16563	25 June ..	60	23 July.
Air-exhausting apparatus ..	Vacuum Tin Syndicate, Limited	16180	3 April ..	29	16 April.
Alternating-current electrical apparatus ..	J. P. Campbell ..	16233	16 April ..	33	30 April.
Amalgamating apparatus ..	T. Cubbins and W. Preston ..	16513	18 June ..	57	9 July.
Ammonia-production by synthesis	H. C. Woltereck ..	16427	2 June ..	47	11 June.
Anaesthetic-inhaler ..	H. Gunthorp ..	16508	15 June ..	57	9 July.*
Animal-rug fastener ..	J. Oaten ..	16369	13 May ..	47	11 June.
Animal-trap ..	J. Campbell ..	15370	9 Sept., 1902	47	11 June.
Animal-trap ..	L. Gaitt ..	16518	17 June ..	57	9 July.*
Animal-trap ..	T. Goodall ..	16246	15 April ..	33	30 April.*
Arm-adjustment for mitre-cutting frame ..	C. N. Scurr ..	16306	2 May ..	37	14 May.*
Artificial stone brick ..	L. P. Ford ..	16166	2 April ..	33	30 April.
Auger, Earth- ..	G. Stevenson ..	16188	4 April ..	29	16 April.*
Auger, Wood-boring ..	E. T. Cox ..	16398	28 May ..	47	11 June.*
Bag, Saddle tool- ..	A. Gray ..	15266	15 Aug., 1902	43	28 May.
Bag, Shoulder-strap for school-, &c. ..	G. Goosman ..	15196	28 July, 1902	37	14 May.
Balancing window-sash ..	C. L. Stokes ..	16237	16 April ..	33	30 April.*
Balls. (See Golf-balls.)					
Band for garment ..	R. Glendining ..	16272	22 April ..	37	14 May.*
Basin, Wash-hand ..	F. W. Gordon ..	16293	27 April ..	37	14 May.
Bath. (See Electric bath.)					
Bearing, Skeleton- ..	M. Wagner ..	16395	28 May ..	57	9 July.
Bedstead ..	H. C. Brown ..	16481	12 June ..	50	25 June.*
Bedstead ..	A. E. Phillimore ..	15226	7 Aug., 1902	37	14 May.
Belt-driving motor-cycles, Gear for ..	D. W. McLean ..	16477	11 June ..	50	25 June.*
Belt, Electro-medical ..	W. C. Crump ..	16476	11 June ..	50	25 June.*
Bicycle-brake apparatus and tire-inflator ..	H. J. Bettany ..	16327	11 May ..	43	28 May.*
Bicycle chain-drive, Motor- ..	G. Porter ..	16195	6 April ..	33	30 April.*
Bicycle-locking device ..	R. Congreve ..	16186	4 April ..	29	16 April.*
Bicycle, Rear-hub sprocket for ..	G. Percival ..	16435	4 June ..	60	23 July.
Bicycle-trolley, Railway ..	J. Kelly ..	16216	7 April ..	33	30 April.*
Bicycle-wheel lock ..	L. S. H. Hutton ..	16251	18 April ..	37	14 May.*
Billiard and dining table, Convertible ..	H. U. Alcock ..	15259	12 Aug., 1902	43	28 May.
Billiard table and settee, Convertible ..	H. U. Alcock ..	15373	6 Sept., 1902	50	25 June.
Binder, Book and music ..	J. Foster ..	16329	8 May ..	43	28 May.
Binder, Music- &c. ..	J. Foster ..	16263	18 April ..	33	30 April.
Binder, Paint-brush ..	C. Sawyer ..	15319	28 Aug., 1902	33	30 April.
Bird-trap ..	J. T. Murphy ..	16495	12 June ..	50	25 June.*
Bivalves, Machine for opening ..	A. W. and J. B. McKenzie ..	15239	8 Aug., 1902	37	14 May.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Blind, Operating Venetian Block. (See Snatch-block.)	G. Stevenson	16190	4 April	29	16 April.*
Boat, Spiral screw-propeller for	E. V. Dixon	16278	28 April	37	14 May.*
Boiler for cooking	L. J. Renoy	16211	6 April	33	30 April.
Boilermaker's marking-tool	C. Trillo	16522	10 June	57	9 July.
Boiler-water, Circulating	A. Ross	16242	15 April	37	14 May.
Boiler, Water-gauge for	R. P. Gibbons	16425	2 June	50	25 June.
Book, &c., binder	J. Foster	16329	8 May	43	28 May.
Bookbinding staple	E. M. McLauchlan	16171	2 April	29	16 April.*
Book, Pocket-	C. M. Morrison	16224	14 April	33	30 April.
Book. (See Sales-book.)					
Boot-fastener	R. Snapper	15213	2 Aug., 1902	37	14 May.
Boot-finishing wheel	G. H. Catt	15350	4 Sept., 1902	43	28 May.
Boot-heel	A. L. Heighton	16136	24 March	50	25 June.
Boot, Machine for turning	United Shoe Machinery Company	15103	10 July, 1902	33	30 April.
Boot-sole	G. W. Temperley	16174	2 April	29	16 April.
Boot sole and heel, Attaching	United Shoe Machinery Company	16207	8 April	33	30 April.
Boot sole and heel	T. Burrell and E. C. Perdriau	15279	21 Aug., 1902	29	16 April.
Boot-sole, Galvanic	R. P. Gibbons	16331	8 May	43	28 May.*
Boot-sole, Galvanic-plate	R. P. Gibbons	16375	14 May	43	28 May.*
Boots, Cushion-heel for	J. N. du Feu	16390	26 May	47	11 June.*
Boots, Toe-protector for	R. Collins	16393	28 May	47	11 June.*
Boring, mortising, and tenoning	G. Bish and J. Johnston	16546	20 June	57	9 July.
Bottle-cap	E. Norton	16337	13 May	43	28 May.
Bottle-closure	Crown Cork and Seal Company	16168	2 April	29	16 April.
Bottle-sealing device	Universal Seal and Stopper Company	16571	30 June	60	23 July.
Bottle-sealing device	Universal Seal and Stopper Company	16572	30 June	60	23 July.
Bottle-stopper	W. P. Maschwitz	16210	8 April	37	14 May.
Bottle. (See also Non-refillable bottle.)					
Bottles, Stopping	E. Marshall	16159	1 April	..	..
Box, Collapsible	C. S. Smith and C. Otto	16307	2 May	37	14 May.*
Box, Collapsible	C. Otto	16539	22 June	57	9 July.*
Box, Collapsible	R. W. and S. Ashcroft and W. J. Maddren	16254	20 April	33	30 April.*
Box, Tobacco-transporting	W. E. Shaw	15209	2 Aug., 1902	37	14 May.
Box. (See also Mitre-box.)					
Boxes, Cylindrical, Machine for making	W. F. Chamberlin and W. H. Stout	16256	22 April	47	11 June.
Bracket, Wall and table	H. F. Lattey and W. G. Somerville	16564	26 June	57	9 July.*
Brake apparatus	H. J. Bettany	16327	11 May	43	28 May.*
Brake, Cycle-	A. W. Humphreys	15215	2 Aug., 1902	47	11 June.
Brake-drums to hubs, Attaching	W. A. Cornell	16345	14 May	43	28 May.*
Brake for wagon, &c.	C. Anketell	16496	16 June	50	25 June.*
Brake for wagon, &c.	E. F. Wilhelm	16444	8 June	50	25 June.*
Brake-shoe	W. D. Sargent	16226	15 April	33	30 April.
Brake, Slack-adjuster for	G. A. Pearson	16558	27 June	60	23 July.*
Brake, Vehicle-	W. E. Hughes	16536	24 June	60	23 July.
Brake, Vehicle-	W. Murphy	16353	12 May	43	28 May.*
Brand	A. McLeod	16548	22 June	57	9 July.*
Brand	A. Parker	16541	21 June	..	..
Brand, Carcase-	R. Williams	16182	1 April	29	16 April.*
Brand, Carcase-	D. Fraser	16218	8 April	33	30 April.*
Branding meat, &c.	J. Dillicar	16460	9 June	50	25 June.*
Breaking up roads, &c.	T. C., T. A., and S. C. Darby	15314	27 Aug., 1902	33	30 April.
Brick, Artificial-stone	L. P. Ford	16166	2 April	33	30 April.
Brick	A. J. Kingsbeer	16228	15 April	33	30 April.*
Bricks, manufacture from sand and lime	Sutcliffe, Speakman, and Co., Limited, and E. R. Sutcliffe	16336	13 May	47	11 June.
Brush-binder, Paint	C. Sawyer	15319	28 Aug., 1902	33	30 April.*
Brush, Hat and clothes	C. Lashlie	15365	5 Sept., 1902	50	25 June.
Brush, Shoe and black-lead	E. Wadman	16366	15 May	47	11 June.*
Bucket. (See Dredge-bucket, Milking-bucket.)					
Buckle	E. M. McLauchlan	16170	2 April	29	16 April.*
Burglar-proof window-lock	J. McKay	16322	6 May	37	14 May.*
Burner and heater	A. McLeod	16547	22 June	57	9 July.*
Butter, putting up into regular quantities	R. W. and S. Ashcroft and W. J. Maddren	16253	20 April	60	23 July.*
Butter-sizer	C. Bristow	16440	5 June	47	11 June.*
Cable. (See Electric cable.)					
Cancer-remedy	H. Currie	16238	15 April	33	30 April.*
Can, Exhausting air from	Vacuum Tin Syndicate, Limited	16180	3 April	29	16 April.
Candle-extinguisher	J. A. Belk	16573	30 June	60	23 July.*
Candle-extinguisher	G. Stevenson	16198	6 April	29	16 April.*
Candle-holder	A. Russell	16520	17 June	60	23 July.
Can-lid	R. W. Ashcroft and W. J. Maddren	16452	8 June	57	9 July.
Cap, Bottle	E. Norton	16337	13 May	43	28 May.
Car. (See Motor-car, railway-car, and tram-car.)					
Carbide-feeder for gas-generator	W. Webster	15752	10 Dec., 1902	37	14 May.
Carbonic-acid gas, Charging fluids with	G. A. Lowry	16569	30 June	60	23 July.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Carcase brand	D. Fraser	16218	8 April ..	33	30 April.*
Carcase brand	R. Williams	16182	1 April ..	29	16 April.*
Carcases, Tallying and weighing	E. Moss	16250	17 April ..	33	30 April.*
Cards, Photo, Christmas, and New-year	C. Miller	16542	22 June ..	63	6 August.
Carriage-lamp	C. Anketell	16497	16 June ..	50	25 June.*
Cartridge-holder	G. C. Palmer	16162	1 April ..	29	16 April.*
Cartridge-draining device	Australian Explosives and Chemical Company, Limited	16227	15 April ..	33	30 April.*
Casks, Spile for	C. J. Cooze	16453	8 June ..	50	25 June.*
Caster	R. N. Adams	16521	17 June ..	57	9 July.*
Catch. (See Safety-catch.)					
Centrifugal tailings, &c., pump	L. Phillips	16252	20 April ..	33	30 April.*
Chain and sprocket pitch	G. Davidson	16568	29 June ..	60	23 July.*
Chain-drive, bicycles, &c.	G. Porter	16195	6 April ..	33	30 April.*
Chain, Elevator	R. Holland	15024	23 June, 1902	47	11 June.
Chain grate-stoker	Babcock and Wilcox, Limited, and R. A. McLaren	16538	24 June ..	..	..
Chairs, &c., Collapsible	J. M. Armour	15304	23 Aug., 1902	50	25 June.
Chamber utensil	P. H. Dando	15356	4 Sept., 1902	43	28 May.
Chamber utensil	A. G. Mackay	16420	27 May ..	50	25 June.*
Chart for ladies' garments	M. E. McLeod	16183	4 April ..	29	16 April.*
Chart, Dress-cutting	L. Roberts	15241	6 Aug., 1902	43	28 May.
Cigarettes, Trimming ends of	T. Whitehorn	16245	15 April ..	33	30 April.*
Cinematograph process	R. T. Haines	16465	10 June ..	50	25 June.*
Claw-hammer and staple-drawer	A. Gray	15265	15 Aug., 1902	43	28 May.
Clay from dredge-bucket, Removing	T. F. Quilter and G. W. Gare	15175	23 July, 1902	33	30 April.
Cleaner. (See Tube-cleaner, Street-cleaner.)					
Clip. (See Tie-clip, Trouser-clip, Necktie-clip.)					
Closure for bottles	Crown Cork and Seal Company	16168	2 April ..	29	16 April.
Clothes-line, Pegless	J. H. Thompson	16402	28 May ..	63	6 Aug.
Clothes on line, Hanging	W. A. Collins	16268	24 April ..	33	30 April.*
Coalscuttle	E. B. Arthur	15126	17 July, 1902	33	30 April.
Coiler. (See Wire-coiler.)					
Coin-freed machine for stamping letters	W. H. H. Hollingworth	16493	12 June ..	50	25 June.*
Collapsible chair, &c.	J. M. Armour	15304	23 Aug., 1902	50	25 June.
Collapsible box	C. Otto	16539	22 June ..	57	9 July.*
Collapsible box	C. S. Smith and C. Otto	16307	2 May ..	37	4 May.*
Collapsible box	R. W. and S. Ashcroft and W. J. Maddren	16254	20 April ..	33	30 April.*
Collar or fastener	F. M. Linley	16266	24 April ..	37	14 May.
Collar. (See Horse-collar.)					
Comb	W. Jermyn	16334	12 May ..	43	28 May.*
Combustion of fuel	C. E. Bernays	16504	17 June ..	57	9 July.*
Compensating device for railway vehicle	G. E. Richardson	16286	30 April ..	37	14 May.
Composition for destruction of noxious weeds	T. Millar and J. Falloon	16389	26 May ..	47	11 June.*
Composition for pavements	J. Crothers	16426	2 June ..	47	11 June.*
Compressor, Elastic-fluid	H. Bland	16193	4 April ..	29	16 April.
Concrete tank	J. R. Sigley	15301	22 Aug., 1902	50	25 June.
Convertible billiard and dining table	H. U. Alcock	15259	12 Aug., 1902	43	28 May.
Cooking-boiler	L. J. Renoy	16211	6 April ..	33	30 April.
Cooking-range, Raising or lowering fire-place of	J. A. Fiddes	16323	6 May ..	37	14 May.*
Copper. (See Washing-copper.)					
Cork, Crown	W. P. Maschwitz	16210	8 April ..	37	14 May.
Corsets, Galvanic plate for	R. P. Gibbons	16375	14 May ..	43	28 May.*
Cotton fibre, Pulling out	F. Wilkinson	16257	22 April ..	33	30 April.*
Counter-check sales-book	C. B. Smith	16330	8 May ..	43	28 May.
Coupling. (See Hose-coupling, Railway-coupling.)					
Cover, Tyre	G. T. Shilton and A. Schultze	16196	2 April ..	29	16 April.
Covering of walls of houses	J. R. Watt	16485	13 June ..	50	25 June.*
Covers, Fastening on animals	J. C. Morgan	16422	1 June ..	47	11 June.*
Cow leg and tail holder	J. A. Donald	16529	22 June ..	60	23 July.*
Cow-leg holder	R. G. Doyle	16421	1 June ..	47	11 June.*
Cow and horse cover fastening	C. V. Spackman	16557	27 June ..	60	23 July.*
Cow's teat, Probe for	C. Ridd and C. E. Young	15964	10 Feb. ..	33	30 April.
Cradle, &c., Collapsible	J. M. Armour	15304	23 Aug., 1902	50	25 June.
Crate for rabbits or game	J. G. Scoullar	16411	26 May ..	47	11 June.*
Cream-separator, Link-blade device for	H. Harvey	16292	27 April ..	37	14 May.*
Crockery-washing apparatus	L. Davie	16423	1 June ..	50	25 June.*
Cross-beams for hatch	J. Mains	16519	17 June ..	57	9 July.*
Crown cork	W. P. Maschwitz	16210	8 April ..	37	14 May.
Crushing-mill	E. Waters, jun.	16503	17 June ..	57	9 July.*
Cuff	I. Hunter	16191	4 April ..	29	16 April.*
Cuff-fastener	H. L. Mainland	16448	4 June ..	..	..
Cuff-fastener	F. M. Linley	16266	24 April ..	37	14 May.
Cure for deafness	T. C. Millsom	16475	10 June ..	50	25 June.*
Curtain-pole	E. S. Koch	16409	29 May ..	60	23 July.
Cushion-heel for boots, &c.	J. N. Du Feu	16390	26 May ..	47	11 June.*
Cutter. (See Mitre-cutter, Tobacco-cutter.)					
Cutting ladies' garments	M. E. McLeod	16183	4 April ..	29	16 April.*
Cutting material into strips	A. G. Baker, C. and G. Croxford, and J. McQueen	16304	1 May ..	37	14 May.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cyanides, Manufacture of metallic ..	H. C. Woltereck	16535	24 June ..	60	23 July.
Cycle-lock	R. Congreve	16377	19 May ..	43	28 May.
Cycle. (See Bicycle, Motor-cycle.)					
Cycling gauntlet	E. Saxton	15028	28 March ..	33	30 April.*
Cyclists' trouser-clip	H. Thompson and J. D. Tripe ..	16281	20 April ..	37	14 May.*
Cylindrical-box machine. (See Boxes.)					
Damper-frame	W. Madder	16373	19 May ..	47	11 June.
Damper, Flue-	W. Robertson	16560	24 June ..	60	23 July.*
Dater, Ticket-	W. P. Nolan	16212	6 April ..	37	14 April.*
Deafness, Cure for	T. C. Millsom	16475	10 June ..	50	25 June.*
Delivering and weighing machine ..	A. J. Park and H. M. Thorpe ..	16239	17 April ..	33	30 April.
Developing photographic plate ..	W. Thomas	16016	20 Feb. ..	37	14 May.
Digger, Land, &c.	T. C., T. A., and S. C. Darby ..	15814	27 Aug., 1902	33	30 April.
Digger, Potato-	J. R. Walsh	16219	9 April ..	33	30 April.*
Dining-table, Convertible	H. U. Alcock	15259	12 Aug., 1902	43	28 May.
Diseases, Instrument for treating ..	C. F. Bunz	16358	15 May ..	43	28 May.*
Dish. (See Pie-dish.)					
Disintegrating-machine	Oliver Mill Company, Limited ..	16424	2 June ..	50	25 June.
Dividing, Material, machine	D. Thomson	16442	4 June ..	..	..
Diving apparatus	W. F. Meyenberg	16269	25 April ..	33	30 April.*
Diving-dress, Pressure-protector for	A. E. Rouse	16482	12 June ..	50	25 June.*
Docking and searing lamb's tail ..	E. H. Wilhelm	16315	14 April ..	43	28 May.
Dog for nut, Locking-	C. N. Sourr	16312	5 May ..	37	14 May.*
Door, Anti-rattling device for	W. G. Stevenson	16399	28 May ..	..	..
Door, Holding, ajar	W. G. Jesson	16214	7 April ..	33	30 April.*
Door. (See Oven-door.)					
Draining device for rackarock cartridge	Australian Explosives and Chemi- cal Company, Limited ..	16227	15 April ..	33	30 April.*
Draught and dust excluder	A. Parker	16376	19 May ..	43	28 May.
Draught and dust excluder	G. R. Ogle	16562	25 June ..	60	23 July.*
Draught-creating device for register-grate	H. A. E. Kelly	16484	9 June ..	50	25 June.*
Draw-bar of vehicle, Attachment for ..	G. S. Stevenson	16458	9 June ..	50	25 June.*
Draw-gear for vehicle, Outtrigger ..	R. D. Kelly	15254	15 Aug., 1902	37	14 May.
Draw-off attachment for vessels	L. E. and H. J. Saunders ..	16534	24 June ..	60	23 July.
Draw-off tap to drum, Attaching	A. M. S. Watts	16288	30 April ..	37	14 May.*
Dredge-bucket, Removing clay from ..	T. F. Quilter and G. W. Gare ..	15175	23 July, 1902	33	30 April.
Dredge-machinery, Driving	J. T. Johnson	15086	3 July, 1902	29	16 April.
Dredging machinery	J. Shepherd	15097	10 July, 1902	43	28 May.
Dredging machinery	J. Shepherd	16333	12 May ..	47	11 June.*
Dress-cutting chart	L. Roberts	15241	6 Aug., 1902	43	28 May.
Dressing apparatus for thresher	J. Greenlade	16274	24 April ..	37	14 May.*
Dressing-machine for flax	W. H. Bentham	16163	1 April ..	29	16 April.*
Drill. (See Seed and fertilizer drill.)					
Drill, Pneumatic	G. H. Hayes	16209	8 April ..	33	30 April.
Driving dredge-machinery	J. T. Johnson	15086	3 July, 1902	29	16 April.
Driving shafting, Hydraulically	T. Cornish	16284	30 April ..	37	14 May.*
Drum of hauling-engine, Safety-catch for	S. H. Wicksteed	16264	24 April ..	37	14 May.*
Drum, Truing-up flax-stripper	J. Anderson	15185	29 July, 1902	37	14 May.
Drum. (See Brake-drum.)					
Dry sulphates. (See Sulphates.)					
Drying and preserving milk	J. R. Hatmaker	16287	30 April ..	37	14 May.
Drying wool	H. Ashworth	16311	7 May ..	43	28 May.
Dust and draught excluder	G. R. Ogle	16562	25 June ..	60	23 July.*
Dust and draught excluder	A. Parker	16376	19 May ..	43	28 May.*
Earth-auger	G. Stevenson	16188	4 April ..	29	16 April.*
Earth-scoop	R. E. Taylor	16177	1 April ..	29	16 April.*
Egg-preserving	W. E. Hughes	16462	10 June ..	57	9 July.
Elastic-fluid compressor	H. Bland	16193	4 April ..	29	16 April.
Electric cable, Conduit for	T. E. Devonsire	16134	25 March ..	50	25 June.
Electric gas-lamp	Cooper Hewitt Electric Co. ..	16234	16 April ..	33	30 April.
Electric generator	J. H. Reid	16249	16 April ..	66	20 August.
Electric-motor controller	W. E. Hughes	16537	24 June ..	60	23 July.
Electric switch	W. Kingsland	16501	17 June ..	70	3 Sept.
Electric telegraph apparatus	A. Falcone	16414	27 May ..	50	25 June.
Electric traction system	Dolter Electric Traction, Limited	16283	28 April ..	37	14 May.
Electrical apparatus alternating current	J. P. Campbell	16233	16 April ..	33	30 April.
Electrical energy apparatus	J. T. Hunter	16169	2 April ..	57	9 July.
Electrical gas or vapour bath	W. E. Hughes	16230	15 April ..	57	9 July.
Electro-medical belt	W. C. Crump	16476	11 June ..	..	..
Elevator	S. Beer	16365	15 May ..	47	11 June.*
Elevator-chain	R. Holland	15024	23 June, 1902	47	11 June.
Elevator. (See also Straw-elevator, Screen- elevator.)					
Enamelled paste-board	C. A. Lister	16199	3 April ..	29	16 April.*
Engine head-lights	C. E. Fisher, R. and J. Firth, and J. Griffiths ..	16498	16 June ..	50	25 June.*
Engine. (See Gas or Explosive engine, Free-piston engine, Steam-engine.)					
Engine, Regulator for oil-	A. J. F. Tempest	16531	18 June ..	57	9 July.*
Envelopes	J. N. Hancock	15269	18 Aug., 1902	43	28 May.
Escape. (See Fire-escape.)					
Exhaust from oil and gas engines, Utilising	H. J. Topliss and N. Andrew ..	15339	1 Sept., 1902	50	25 June.
Exhausting air from can	Vacuum Tin Syndicate, Limited	16180	3 April ..	29	16 April.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Extension-table	L. Kortlang, sen., and A. Kortlang	15775	17 Dec., 1902	33	30 April.
Extinguisher. (See Candle-extinguisher, Fire-extinguisher.)					
Eyeglass-suspender	A. H. Brownley	16544	22 June ..	57	9 July.*
Fabric, Indigo-coloured	J. Ribbert	16206	8 April ..	33	30 April.
Fastener, Adjustable, for animal-rugs	J. Oaten	16369	13 May ..	47	11 June.
Fastener for luggage-labels, &c.	S. E. Denniston	16438	5 June ..	47	11 June.*
Fastener. (See also Boot-fastener, Collar and cuff fastener, Hat-fastener, Legging-fastener, Paper-fastener, Sash-fastener, Shoe-fastener, Window-fastener.)					
Fastening. (See Horse and cow fastening, Trace-fastening.)					
Fastenings, Inserting	United Shoe Machinery Company	15205	2 Aug., 1902	33	30 April.
Fatty acids and their esters, Manufacture	W. Connstein	16407	29 May ..	47	11 June.
Feed for grain, turnips, &c.	H. H. Denney	16446	5 June ..	50	25 June.*
Feeder to sheep-dip, Traversing	J. Coop	16469	9 June ..	50	25 June.*
Felling tree by mechanical power	P. H. Pritchett	16273	24 April ..	37	14 May.*
Fencing-dropper	R. A. Montgomerie	16554	26 June ..	60	23 July.
Fencing-post, Making holes for	G. Stevenson	16188	4 April ..	29	16 April.*
Fencing-standard	F. W. Bursill	16464	10 June ..	50	25 June.*
Fencing-staple	J. A. Rollo	16247	16 April ..	33	30 April.*
Fibre of wool, Pulling out	F. Wilkinson	16257	22 April ..	33	30 April.*
File, wire-twister, and rule	A. Gray	15267	15 Aug., 1902	43	28 May.
Filter, Water-	J. T. N. Anderson	15756	11 Dec., 1902	43	28 May.
Firearms	Winchester Repeating Arms Co.	16339	13 May ..	47	11 June.
Fire-escape	J. E. Tonkin, C. Barnett, and T. D. Jones	16338	13 May ..	43	28 May.
Fire escape, extinguisher, and alarm	A. Connor	16473	8 June ..	50	25 June.*
Fire-escape	I. Hurst	16419	27 May ..	47	11 June.*
Fire-escape	W. H. Keon and W. O. Miller	15261	15 Aug., 1902	50	25 June.
Fire-hose coupling	S. de Beer	16295	4 May ..	43	28 May.*
Fireplace, raising or lowering cooking-range	J. A. Fiddes	16323	6 May ..	37	14 May.*
Fire-screen, window-blind, and ventilator	E. Walker	16552	26 June ..	57	9 July.*
Fish-plate	C. N. Scurr	16270	24 April ..	37	14 May.*
Fish-plate	J. Orbell	16202	3 April ..	29	16 April.*
Fish-plate	J. R. Park	16491	11 June ..	50	25 June.*
Fish-plate, Preventing nut loosening on	R. E. Pennington, J. Bellett	15623	13 Nov., 1902	33	30 April.
Flag-signal staff, Automatic	J. T. Short, T. F. Rotheram, and J. W. Shaw	16483	12 June ..	50	25 June.*
Flax, Dressing	J. D. Smith	16561	24 June ..	60	23 July.*
Flax-dressing machine	W. H. Bentham	16163	1 April ..	29	16 April.*
Flax-fibre manufacture	B. C. Mudge	16403	28 May ..	47	11 June.
Flax, Pulling out strands of	F. Wilkinson	16257	22 April ..	33	30 April.*
Flax-stripper drum truing-up	J. Anderson	15185	29 July, 1902	37	14 May.
Flue-damper	W. Robertson	16560	24 June ..	60	23 July.*
Fluid. (See Elastic fluid.)					
Fluids, Means of heating	J. H. S. Brown	15141	22 July, 1902	47	11 June.
Fluids with gas, Charging	G. A. Lowry	16569	30 June ..	60	23 July.
Flushing latrines, &c.	J. L. Williams	16164	30 Dec., 1902	37	14 May.
Food-preserving	C. Beale	15212	2 Aug., 1902	37	14 May.
Food-preserving	J. T. Hunter	16173	2 April ..	29	16 April.
Food-product	D. R. S. Galbraith	15368	6 Sept., 1902	50	25 June.
Food, Sterilising	C. C. L. G. Budde	16326	6 May ..	43	28 May.
Foot, Pneumatic	J. Johnson	15199	30 July, 1902	37	14 May.
Force-pump	W. H. Boyens	15242	11 Aug., 1902	50	25 June.
Forging and piercing machinery	B. F. McTear and H. C. W. Gibson	16161	1 April ..	29	16 April.
Free-piston engine	E. Phillips	16400	28 May ..	50	25 June.
Friction-springs	P. Hien	15973	12 Feb. ..	47	11 June.
Fuel combustion	C. E. Bernays	16504	17 June ..	57	9 July.
Furnace, Larger consumption of carbon in	W. H. Atkin	16379	20 May ..	47	11 June.
Galvanic boot-sole	R. P. Gibbons	16331	8 May ..	43	28 May.*
Galvanic plate for boots, &c.	R. P. Gibbons	16375	14 May ..	43	28 May.*
Game, Indoor, apparatus	D. Gwillim	15341	2 Sept., 1902	47	11 June.
Game, Indoor or parlour	W. L. Cleveland	16213	8 April ..	33	30 April.*
Game, Table-	W. Dawson	15458	1 Oct., 1902	37	14 May.
Garment, Band for	R. Glendinning	16272	22 April ..	37	14 May.*
Garments, Chart for ladies'	M. E. McLeod	16183	4 April ..	29	16 April.*
Gas. (See Hydrocarbon gas, Carbonic-acid gas.)					
Gas or explosive engine	G. E. Hoyt	16417	27 May ..	50	25 June.
Gas or vapour lamp, Electric	Cooper-Hewitt Electric Company	16234	16 April ..	33	30 April.
Gas-producing plant	F. E. Bowman	16240	15 April ..	33	30 April.
Gas-stove	"Secretary"	16449	8 June ..	60	23 July.
Gas, Charging fluids with	G. A. Lowry	16569	30 June ..	60	23 July.
Gas-light controller	H. Drouledge	16530	18 June ..	57	9 July.
Gate-catch	W. Seavill	16478	8 June ..	57	9 July.*
Gate-hinge	J. Cooper	16516	16 June ..	60	23 July.
Gates. (See Swing-gates.)					
Gauntlet, Cycling	E. Saxton	15028	28 March ..	33	30 April.*
Gear for sheep-feeding rack	F. Cooper	16470	9 June ..	..	..

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Generator. (See Acetylene-generator, Electric-generator, Steam-generator.)					
Gold and other metals extracting ..	J. C. Clancy	16583	30 June ..	60	23 July.*
Gold from quartz, Extracting ..	T. Cubbins and W. Preston ..	16513	18 June ..	57	9 July.*
Gold-saving apparatus	H. N. McLeod and G. A. Hurley ..	15220	5 Aug., 1902	43	28 May.
Gold-saving dredge	T. M. O'Rourke	16361	16 May ..	57	9 July.
Gold-saving riffle	C. R. McKenzie	16433	4 June ..	50	25 June.
Golf-balls, Remoulding	L. W. Alexander	16277	24 April ..	..	..
Goods, Increasing saleability of ..	A. J. Park	16261	17 April ..	33	30 April.*
Grain, &c., thresher, Dressing apparatus for Grate. (See Register-grate.)	J. Greenslade	16274	24 April ..	37	14 May.*
Grip-block, Safety	A. V. H. Monro and H. G. W. L. Noy	16413	27 May ..	47	11 June.*
Hair-pin, Safety	A. Wilson	16271	23 April ..	37	14 May.*
Hammer and staple-drawer	A. Gray	15265	15 Aug., 1902	43	28 May.
Handle. (See Saw-handle.)					
Handle and support for tins	W. G. Hancox	16374	19 May ..	43	28 May.*
Handling material	H. W. Blaisdell	16231	15 April ..	37	14 May.
Harness	G. W. Temperley	16174	2 April ..	29	16 April.
Harpoon	W. H. Champion	16265	21 April ..	33	30 April.*
Harvesting-appliance	M. Saunders	15022	18 June, 1902	33	30 April.
Hat-fastener	W. A. Thomsen	15461	1 Oct., 1902	57	9 July.
Hat-fastener	J. H. Pomeroy	16236	16 April ..	33	30 April.*
Hatches, Cross-beam	J. Mains	16519	17 June ..	57	9 July.
Hauling-engine drum, Safety catch for ..	S. H. Wicksteed	16264	24 April ..	37	14 May.*
Head-lights, Locomotive	C. E. Fisher, R. Firth, J. Griffiths, and J. Firth	16498	16 June ..	50	25 June.*
Heater and burner	A. McLeod	16547	22 June ..	57	9 July.
Heating fluids	J. H. S. Brown	15141	22 July, 1902	47	11 June.*
Heating irons, Stove for	A. V. Maniachi	16205	8 April ..	33	30 April.
Heel-finishing machine	United Xpedite Finishing Company	16510	18 June ..	57	9 July.*
Heel of boot, &c., Attaching	United Shoe Machinery Company	16207	8 April ..	33	30 April.
Heel-finishing machine	United Xpedite Finishing Company	16509	18 June ..	57	9 July.*
Heel of boots, &c., Attachment to	A. L. Heighton	16136	24 March ..	50	25 June.
Heels	J. T. Johnson	15279	21 Aug., 1902	29	16 April.
Hermetically-closed can	Vacuum Tin Syndicate, Limited ..	16180	3 April ..	29	16 April.
Hinge	R. Dunne	16313	5 May ..	37	14 May.*
Hinge, Spring	A. Ball	16355	12 May ..	43	28 May.
Hinge. (See Gate-hinge.)					
Hobble for horses, &c.	H. Carlson	16457	9 June ..	57	9 July.*
Holder. (See Candle-holder, Cartridge-holder, Cow leg and tail holder, Menu-holder, Music-book holder, Photograph-holder, Sash-holder, Saucer and plaque holder, Tobacco-plug holder.)					
Holding material for making mitre-joints ..	C. N. Scurr	16305	1 May ..	37	14 May.*
Holes for fencing-posts, Earth-auger for ..	G. Stevenson	16188	4 April ..	29	16 April.*
Hood, Waterproof	C. F. Giesen	16357	15 May ..	43	28 May.*
Horseshoe	W. Brady	16160	1 April ..	29	16 April.*
Horse-collar	T. W. North	15380	11 Sept., 1902	57	9 July.
Horse or cow cover fastening	C. V. Spackman	16557	27 June ..	60	23 July.*
Horses, Yoking	W. H. Cochran	15189	29 July, 1902	37	14 May.
Horses, Yoking	A. R. McIntyre	16480	10 June ..	57	9 July.*
Hose-pipe coupling	J. Worsnop	16412	27 May ..	47	11 June.*
Hose-coupling	G. W. White	16262	17 April ..	33	30 April.*
Hose coupling, Fire-	S. de Beer	16295	4 May ..	43	28 May.*
Hose-coupling	H. R. Jolly	16500	16 June ..	63	6 Aug.
Hydraulic press and pump	A. J. Tonge, J. Tonge, jun., and E. Eaves	16308	7 May ..	43	28 May.
Hydraulically driving shafting	T. Cornish	16284	30 April ..	37	14 May.*
Hydrocarbon-gas production	W. B. Walters	15260	16 Aug., 1902	50	25 June.
Hydrocyanic acid, Manufacture of	H. C. Woltreck	16535	24 June ..	60	23 July.
Igniting material, Mechanically	W. Muir and C. R. E. Bell	16325	6 May ..	43	28 May.
Impurity from boiler-water, Removing ..	A. Ross	16242	15 April ..	37	14 May.
Incandescent oil-gas lamp	F. J. Mahoney and C. Casimir ..	16406	27 May ..	47	11 June.*
Incandescent mantle	G. Buhlmann	15160	24 July, 1902	37	14 May.
Incandescent mantle	T. Terrell	16259	22 April ..	37	14 May.
Incandescent-mantle lighting apparatus ..	J. Tolson	16511	30 July, 1902+	63	6 Aug.
Incubator	W. G. Meddings	16550	23 June ..	..	..
Indigo-coloured fabric	J. Ribbert	16206	8 April ..	33	30 April.
Indoor-game	W. L. Cleveland	16213	8 April ..	33	30 April.*
Inflating tire of motor-car, &c.	H. J. Bettany	16327	11 May ..	43	28 May.*
Inhaler, Anæsthetic	H. Gunthorp	16508	15 June ..	57	9 July.*
Instrument for nervous diseases	C. F. Bünz	16358	15 May ..	43	28 May.*
Irons, Stove for heating	A. V. Maniachi	16205	8 April ..	33	30 April.
Jack. (See Lever-jack, Lifting-jack.)					
Jars, improvement in bottoms, &c.	J. Brough	16385	20 May ..	47	11 June.
Kitchen-table	H. M. Rosenberg	16200	7 April ..	29	16 April.*
Knife	J. W. Mulhare	16540	20 June ..	57	9 July.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Lamb's tail, Searing and docking ..	E. H. Wilhelm ..	16315	14 April ..	43	28 May.
Lamp. (See Carriage-lamp, Incandescent gas-lamp, Electric gas-lamp.)					
Lamp-light controller ..	H. Droutlege ..	16530	18 June ..	57	9 July.
Lamp-pendant ..	E. J. Shaw ..	16502	17 June ..	57	9 July.
Land digger and cultivator ..	T. C., T. A., and S. C. Darby ..	15314	27 Aug., 1902	33	30 April.
Latrine, &c., Automatic flushing ..	J. L. Williams ..	16164	30 Dec., 1902	37	14 May.
Laundry-stove ..	S. J. Wickman ..	16437	4 June ..	47	11 June.*
Leather articles ..	G. W. Temperley ..	16174	2 April ..	29	16 April.
Leather-skiving machine ..	United Shoe Machinery Company	15207	2 Aug., 1902	33	30 April.
Legging-fasteners ..	C. W. and H. S. Wycherley ..	16279	29 April ..	37	14 May.*
Leggings ..	F. Ryding ..	16488	12 June ..	43	28 May.
Leggings ..	J. Duncan ..	16499	16 June ..	57	9 July.
Letter-stamping machine ..	W. H. H. Hollinworth ..	16493	12 June ..	50	25 June.*
Letters, Manufacture of ..	H. D. Turner ..	16344	13 May ..	50	25 June.*
Lever-jack ..	B. and W. Trehwella ..	16524	19 June ..	43	28 May.*
Lifting-jack ..	J. T. Keblewhite and R. W. Short	16392	27 May ..	57	9 July.
Lid of travelling-trunk, Keeping open ..	W. Madden and H. Hoverd ..	16275	25 April ..	50	25 June.*
Lid for milk-cans ..	R. W. Ashcroft and W. J. Maddren	16452	8 June ..	37	14 May.*
Lighting apparatus, Incandescent-mantle	J. Tolson ..	16511	30 July, 1902†	57	9 July.
Light-controller ..	H. Droutlege ..	16530	18 June ..	63	6 Aug.
Link-blade device for cream-separator	A. Harvey ..	16292	27 April ..	57	9 July.*
Linotype machine ..	H. McGowan ..	15717	4 Dec., 1902	37	14 May.*
Linotype machine ..	J. G. Holbourns and H. A. Longhurst	16381	22 May ..	33	30 April.
Link, Sleeve- ..	E. Jones ..	16532	23 June ..	50	25 June.
Liquid from receptacle, Withdrawing	H. M. Rockell and F. Thomson ..	16328	11 May ..	57	9 July.*
Lock. (See Bicycle-wheel lock, Cycle-lock, Mail-bag lock, Sash-lock, Seal-lock, Vehicle-wheel lock, Window-lock.)				43	28 May.
Locking-device for bicycle ..	R. Congreve ..	16186	4 April ..	29	16 April.*
Locking-dog for nut ..	C. N. Scurr ..	16312	5 May ..	37	14 May.*
Lock-nut ..	F. W. Payne ..	16367	13 May ..	..	..
Lock-nut plate ..	R. E. Pinnington and J. Bellett	15623	13 Nov., 1902	33	30 April.
Lowering and raising oven-shelf ..	J. A. Beale ..	16309	7 May ..	43	28 May.
Lubricator for plough-skeiths ..	G. T. Booth and W. Brew ..	16445	5 June ..	50	25 June.*
Lubricator for vehicle-wheel ..	A. M. Legge ..	16248	16 April ..	33	30 April.*
Lubricator, Windmill ..	J. O'Neil ..	16290	29 April ..	43	28 May.*
Luggage-label, Spring hook for	J. F. Wilson and E. H. Whitmore	16217	4 May ..	43	28 May.
Luggage-label. (See Fastener for.)					
Luminous rim and hands for watches, &c.	J. S. Gray ..	16388	22 May ..	47	11 June.*
Mail-bag lock ..	J. Channon ..	16187	4 April ..	29	16 April.
Mantle, Incandescent ..	G. Buhlmann ..	15160	24 July, 1902	37	14 May.
Mantle, Incandescent ..	T. Terrell ..	16259	22 April ..	37	14 May.
Map-producer ..	F. S. Ransom ..	16551	26 June ..	57	9 July.*
Marking-tool for boilermakers ..	C. Trillo and W. A. Gaffney ..	16522	20 June ..	57	9 July.*
Material, Cutting, into strips ..	A. G. Baker, C. and G. Croxford, and J. McQueen	16304	1 May ..	37	14 May.*
Material-dividing machine ..	D. Thomson ..	16442	4 June ..	..	..
Material, Handling ..	H. W. Blaisdell ..	16231	15 April ..	37	14 May.
Material for mitre-joints, Holding	C. N. Scurr ..	16305	1 May ..	37	14 May.*
Measuring and weighing milk ..	E. W. Lloyd ..	16346	14 May ..	43	28 May.*
Meat, Preservation of ..	R. Emmerich ..	16566	25 June ..	60	23 July.
Medical preparation ..	T. Potts ..	16360	16 May ..	47	11 June.
Medicine for venereal diseases ..	W. H. Champion ..	16455	4 June ..	50	25 June.
Menu-holder ..	H. Ashworth ..	16432	4 June ..	47	11 June.*
Metals and minerals, Recovery of	R. L. Montagu ..	16517	16 June ..	57	9 July.*
Metals. (See Precious metals.)					
Metals from ores, Extracting ..	J. C. Clancy ..	16583	30 June ..	60	23 July.*
Milk cooler or refrigerator ..	J. Kerr ..	16396	28 May ..	47	11 June.
Milk-can lid ..	R. W. Ashcroft and W. J. Maddren	16452	8 June ..	57	9 July.
Milk, Drying and preserving ..	J. R. Hatmaker ..	16287	30 April ..	37	14 May.
Milk, Measuring or weighing ..	E. W. Lloyd ..	16346	14 May ..	43	28 May.*
Milk and other food product ..	D. R. S. Galbraith ..	15368	6 Sept., 1902	50	25 June.
Milk strainer and aerator ..	W. Beaumont ..	16363	18 May ..	47	11 June.*
Milk-strainer ..	J. Kerr ..	16370	19 May ..	47	11 June.
Milk, Weighing and measuring	H. D. Turner ..	16344	13 May ..	43	28 May.*
Milk weighing and delivery apparatus	A. J. Park and H. M. Thorpe ..	16239	17 April ..	33	30 April.
Milking-apparatus: Pneumatic means of pulsating teat-cups	A. Gillies ..	16378	20 May ..	47	11 June.
Milking-apparatus, Pneumatic ..	A. Gillies ..	16348	14 May ..	43	28 May.
Milking-apparatus, Pneumatic ..	A. Gillies ..	16022	25 February	47	11 June.
Milking-bucket ..	J. Kerr ..	16371	19 May ..	47	11 June.
Mill. (See Crushing-mill.)					
Mine-skip, Safety-gear for ..	W. B. Stevenson ..	16401	28 May ..	47	11 June.
Mineral deposits, Detecting and localising	W. E. Hughes ..	16076	11 March ..	50	25 June.
Minerals, Separation of ..	G. A. Goyder and E. Laughton ..	16466	10 June ..	50	25 June.*
Mining press and pump ..	A. J. Tonge, J. Tonge, jun., and E. Eaves	16308	7 May ..	43	28 May.
Mirrors, Pivot for ..	R. N. Adams ..	16364	15 May ..	47	11 June.*
Mitre-box ..	R. Dunne ..	15881	15 January ..	37	14 May.
Mitre-cutting machine ..	R. Dunne ..	15176	23 July, 1902	33	30 April.
Mitre-cutting frame, Arm-adjustment for..	C. N. Scurr ..	16306	2 May ..	37	14 May.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Mitre-joint, Holding material for ..	C. N. Scurr ..	16305	1 May ..	37	14 May.*
Mitre-shooting block ..	A. F. Gungall ..	16222	14 April ..	33	30 April.*
Mortise-machine ..	G. Bish ..	16359	13 May ..	43	28 May.*
Mortising, Boring and tenoning ..	G. Bish and J. Johnston ..	16546	20 June ..	57	9 July.*
Motion-changing gear for windmill ..	J. Alston ..	16208	8 April ..	33	30 April.
Motor-bicycle, &c., chain-drive ..	G. Porter ..	16195	6 April ..	33	30 April.*
Motor-car brake apparatus and tire-inflator ..	H. J. Bettany ..	16327	11 May ..	43	28 May.*
Motor-car. Preventing side slip of ..	S. Butler ..	16324	6 May ..	43	28 May.*
Motor cycle and car, Gear for ..	D. W. McLean ..	16477	11 June ..	50	25 June.*
Motor-traction for agricultural purposes ..	Ivel Agricultural Motors, Limited ..	16341	13 May ..	43	28 May.
Motor. (See also Electric motor.)					
Music-binder ..	J. Foster ..	16263	18 April.	..	..
Music-binder ..	J. Foster ..	16329	8 May ..	43	28 May.
Music-book holder ..	R. Chambers ..	15188	29 July, 1902	37	14 May.
Musical instrument ..	E. de Kleist ..	16340	13 May ..	43	28 May.
Nails: Assorting mechanism ..	United Shoe Machinery Company ..	15413	18 Sept., 1902	57	9 July.
Nail-holder ..	H. Coe ..	16434	4 June ..	47	11 June.*
Nail, Metal-headed wire ..	C. F. Dunn ..	16349	14 May ..	47	11 June.
Necktie-clip ..	J. Montgomery ..	16317	8 May ..	43	28 May.
Nervous diseases, Instrument for treating ..	C. F. Bünz ..	16358	15 May ..	43	28 May.*
Newspaper-vending machine ..	R. H. Brooks ..	16479	8 June ..	57	9 July.*
Non-refillable bottle ..	R. Dunne ..	16507	13 June ..	57	9 July.
Non-refillable bottle ..	P. B. Jagger ..	16299	6 May ..	43	28 May.
Non-refill bottle ..	E. Johanson ..	16316	8 May ..	43	28 May.
Non-refillable bottle ..	F. McLeod ..	15030	23 June, 1902	33	30 April.
Noxious weeds destruction ..	T. Miller and J. Falloon ..	16389	26 May ..	47	11 June.*
Nurling-machine ..	United Shoe Machinery Company ..	16229	15 April ..	33	30 April.*
Nut, Locking-dog for ..	C. N. Scurr ..	16312	5 May ..	37	14 May.*
Nut, Preventing loosening of ..	R. E. Pennington and J. Bellett ..	15623	13 Nov., 1902	33	30 April.
Oil emulsion ..	R. Baxter ..	16439	1 June ..	47	11 June.*
Oil-regulator for oil-engine ..	A. J. F. Tempest ..	16531	18 June ..	57	9 July.*
Outline-maps, Machine for producing ..	F. S. Ramson ..	16551	26 June ..	57	9 July.*
Outrigger vehicle draw-gear ..	R. D. Kelly ..	15254	15 Aug., 1902	37	14 May.
Oven-door, Transparent ..	C. C. Gardner ..	16525	19 June ..	60	23 July.
Oven shelf ..	J. A. Beale ..	16309	7 May ..	43	28 May.
Overhead railway-switch ..	J. Anderson and A. E. M. Aschman ..	16310	7 May ..	37	14 May.*
Oysters. (See Bivalves.)					
Packing-case, Collapsible ..	R. W. Ashcroft, W. J. Maddren, and S. Ashcroft ..	16254	20 April ..	33	30 April.*
Packing tobacco ..	R. H. Fancourt ..	16468	6 June ..	57	9 July.
Paint ..	C. H. Ward ..	16184	4 April ..	29	16 April.*
Paint-brush binder ..	C. Sawyer ..	15319	28 Aug., 1902	33	30 April.*
Paint-removing machine ..	R. B. Wight ..	16549	22 June ..	57	9 July.*
Paper-fastener ..	J. B. Poynter ..	16494	15 June ..	66	20 August.*
Parlour game ..	W. L. Cleveland ..	16213	8 April ..	33	30 April.*
Pasteboard ..	C. A. Lister ..	16199	3 April ..	29	16 April.*
Pavement, Composition for ..	J. Crothers ..	16426	2 June ..	47	11 June.*
Pawl of lever-jack ..	B. and W. Trewhella ..	16524	19 June ..	57	9 July.*
Peg ..	D. P. Fisher and J. D. Kelly ..	16289	30 April ..	37	14 May.*
Pegless clothes-line ..	J. H. Thompson ..	16402	28 May ..	63	6 August.
Pendant, Lamp ..	E. J. Shaw ..	16502	17 June ..	57	9 July.
Photograph-holder ..	J. L. Nicol ..	16321	6 May ..	37	14 May.*
Photographic plate, Changing and developing ..	W. Thomas ..	16016	20 Feb. ..	37	14 May.
Pianoforte attachment ..	R. Chambers ..	15188	29 July, 1902	37	14 May.
Pick, Agricultural ..	A. V. Challier ..	16563	25 June ..	60	23 July.
Picture-framing, Mitre-shooting block for ..	A. F. Gungall ..	16222	14 April ..	33	30 April.*
Pie-dish ..	E. B. Arthur ..	15127	17 July, 1902	33	30 April.
Piercing and forging machinery ..	B. F. McTear and H. C. W. Gibson ..	16161	1 April ..	29	16 April.
Pigment, Manufacture of ..	C. H. Ward ..	16184	4 April ..	29	16 April.*
Pile ..	Raymond Concrete Pile Company ..	16167	2 April ..	33	30 April.
Pivot-blade joint for railway-crossing ..	W. Watts ..	15493	9 Oct., 1902	33	30 April.
Pivots for swinging mirrors, &c. ..	R. N. Adams ..	16364	15 May ..	47	11 June.*
Plate. (See Galvanic plate, Lock-nut plate.)					
Plaque, &c., holder ..	J. L. Nicol ..	16321	6 May ..	37	14 May.*
Plough-skeith, Lubricator for ..	G. T. Booth and W. Brew ..	16445	5 June ..	50	25 June.*
Plough. (See Potato-plough.)					
Pneumatic drill ..	G. H. Hayes ..	16209	8 April ..	33	30 April.
Pneumatic foot ..	J. Johnson ..	15199	30 July, 1902	37	14 May.
Pneumatic milking-apparatus ..	A. Gillies ..	16348	14 May ..	43	28 May.
Pneumatic tire, Unpuncturable ..	C. J. Pickard and H. A. Ward ..	16314	8 May ..	37	14 May.*
Pneumatic-tire inflator ..	H. J. Bettany ..	16327	11 May ..	43	28 May.
Pocket-book ..	C. M. Morrison ..	16224	14 April ..	33	30 April.
Pocket-knife ..	J. W. Mulhare ..	16540	20 June ..	57	9 July.*
Post. (See Fencing-post, Tethering-post.)					
Potato-cleaner ..	J. A. Boyd ..	16386	26 May ..	47	11 June.*
Potato-digger ..	J. R. Walsh ..	16219	9 April ..	33	30 April.*
Potato-plough ..	G. W. Remmant ..	16436	4 June ..	47	11 June.*
Power-generator, Tidal ..	H. W. Meinung ..	16543	25 June ..	57	9 July.
Power-transmitting device ..	I. Deutch and E. J. Featherstone-haugh ..	16350	14 May ..	47	11 June.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Precious metal from ore, Recovering ..	T. J. Grier ..	16302	6 May ..	43	28 May.
Precious metals, Recovering ..	H. L. Sulman and H. F. Kirkpatrick-Picard ..	16505	17 June ..	57	9 July.
Preserving food ..	J. T. Hunter ..	16173	2 April ..	29	16 April.
Preserving food, &c. ..	C. Beale ..	15212	2 Aug., 1902 ..	37	14 May.
Preserving meat ..	R. Emmerich ..	16566	25 June ..	60	23 July.
Preserving, &c., Milk ..	J. R. Hatmaker ..	16287	30 April ..	37	14 May.
Press and pump for mining, Hydraulic ..	A. J. Tonge, J. Tonge, jun., and E. Eaves ..	16308	7 May ..	43	28 May.
Pressure-protector frame for diving-dresses Preventing cow from kicking. (See Cow-kicking.)	A. E. Rouse ..	16482	12 June ..	50	25 June.*
Probe for teat of cow ..	C. Ridd and C. E. Young ..	15964	10 Feb. ..	33	30 April.
Propeller, Spiral screw- ..	E. V. Dixon ..	16278	28 April ..	37	14 May.*
Pulverising-mill ..	Elspace Roller Quartz-mill and Manufacturing Company ..	16258	22 April ..	47	11 June.
Pump, Centrifugal tailings, &c. ..	L. Phillips ..	16252	20 April ..	33	30 April.*
Pump for mining, Hydraulic ..	A. J. Tonge, J. Tonge, jun., and E. Eaves ..	16308	7 May ..	43	28 May.
Pump. (See Force-pump.)					
Rabbit-crate ..	J. G. Scoullar ..	16411	26 May ..	47	11 June.*
Rabbit-extermimator ..	T. G. Russell and A. H. P. Noble ..	15057	28 June, 1902 ..	57	9 July.
Rabbit-trap ..	J. Campbell ..	15370	9 Sept., 1902 ..	47	11 June.
Rackarock cartridge draining ..	Australian Explosives and Chemical Company, Limited ..	16227	15 April ..	33	30 April.*
Railway-bicycle trolley ..	J. Kelly ..	16216	7 April ..	33	30 April.*
Railway-car, Construction of ..	P. Herbert ..	16404	28 May ..	50	25 June.*
Railway-couplings ..	Westinghouse Brake Company, Limited ..	16428	2 June ..	50	25 June.
Railway-coupling device ..	G. E. Richardson ..	16286	30 April ..	37	14 May.
Railway-crossing pivot-blade joint ..	W. Watts ..	15493	9 Oct., 1902 ..	33	30 April.
Railway-signalling appliance ..	T. Cairns ..	16570	30 June ..	63	6 Aug.
Railway-switch, Overhead ..	J. Anderson and A. E. M. Aschman ..	16310	7 May ..	37	14 May.*
Railway-vehicle, Coupling and uncoupling	S. Lintern ..	16343	13 May ..	43	28 May.*
Raising cooking-range fireplace ..	J. A. Fiddes ..	16323	6 May ..	37	14 May.*
Raising sunken vessel ..	D. C. Groves and A. R. Stanton ..	16096	16 March ..	37	14 May.
Ratchet screw-wrench ..	G. S. Evans ..	16394	28 May ..	47	11 June.*
Rat-trap ..	G. Holford ..	16451	8 June ..	57	9 July.
Rat-trap ..	P. V. L. Alkemade ..	16514	18 June ..	57	9 July.
Reaping-machine cutting mechanism ..	F. Butterick ..	16431	2 June ..	47	11 June.*
Receptacle, Withdrawing liquid from ..	H. M. Rockall and F. Thomson ..	16328	11 May ..	43	28 May.
Refrigerating apparatus, Means of determining quantity of liquid in	J. Smaill ..	14830	2 May, 1902 ..	47	11 June.
Register-grate, Adjusting shutters of	H. A. E. Kelly ..	16486	13 June ..	50	25 June.*
Register-grate, Draught-creating device for Regulator. (See Trap-seat regulator.)	H. A. E. Kelly ..	16484	9 June ..	50	25 June.*
Remedy for cancer ..	H. Currie ..	16238	15 April ..	33	30 April.*
Rifle. (See Gold-saving rifle.)					
Rivet ..	E. M. McLauchlan ..	16172	2 April ..	29	16 April.*
Roads, Breaking-up, &c. ..	T. C., T. A., and S. C. Darby ..	15314	27 Aug., 1902 ..	33	30 April.
Roller crushing-mill ..	E. Waters, jun. ..	16503	17 June ..	57	9 July.
Rule, wire-twister, and file ..	A. Gray ..	15267	15 Aug., 1902 ..	43	28 May.
Rust-remover ..	R. B. Wight ..	16549	22 June ..	57	9 July.*
Saddle-cloth ..	G. W. L. Mackay ..	16244	15 April ..	33	30 April.*
Saddle tool-bag ..	A. Gray ..	15266	15 Aug., 1902 ..	43	28 May.*
Safety-catch for hauling-engine drum	S. H. Wicksteed ..	16264	24 April ..	37	14 May.*
Safety-gear for mine skip, cages, &c.	W. B. Stevenson ..	16401	28 May ..	47	11 June.
Safety-hairpin ..	A. Wilson ..	16271	23 April ..	37	14 May.*
Saleability of goods, Increasing	A. J. Park ..	16261	17 April ..	33	30 April.*
Sales-book, Counter-check ..	C. B. Smith ..	16330	8 May ..	43	28 May.
Sand and tailings pump ..	L. Phillips ..	16252	20 April ..	33	30 April.*
Sash, Balancing window- ..	G. L. Stokes ..	16237	16 April ..	33	30 April.*
Sash-fastener ..	R. Baxter ..	16559	24 June ..	60	23 July.*
Sash-fastener ..	J. McK. Macintosh ..	16372	19 May ..	43	28 May.*
Sash-fastener ..	A. F. W. Lorie ..	16418	29 May ..	47	11 June.*
Sash-fastener, Window- ..	W. T. Michelli ..	15010	17 June, 1902 ..	37	14 May.
Sash hanger and lock ..	G. M. Scott ..	16582	29 June ..	60	23 July.*
Sash holder and lock ..	A. H. Wylds ..	16276	28 April ..	37	14 May.*
Sash lock, Window- ..	J. Hessey ..	16223	14 April ..	33	30 April.*
Sash mover and lock ..	J. R. Park ..	16489	12 June ..	50	25 June.*
Sash retainer, Window- ..	S. Lintern ..	16255	22 April ..	33	30 April.*
Saucer, &c., holder ..	J. L. Nicol ..	16321	6 May ..	37	14 May.*
Saw-handle ..	N. L. Nicholson ..	16459	9 June ..	50	25 June.*
School-bag shoulder-strap ..	G. Goosman ..	15196	28 July, 1902 ..	37	14 May.
School-slate cleaner ..	R. T. Stewart ..	16384	20 May ..	47	11 June.*
Scissors, shears, &c. ..	A. Wood ..	16526	19 June ..	60	23 July.
Scoop, Earth- ..	R. E. Taylor ..	16177	1 April ..	29	16 April.*
Scraper for agricultural implement wheels	A. E. Watson ..	16527	19 June ..	60	23 July.
Screen and elevator for gold-dredge ..	T. M. O'Rourke ..	16361	16 May ..	57	9 July.
Screw ..	J. Wren ..	16380	22 May ..	47	11 June.*
Screw-propeller for vessels ..	E. V. Dixon ..	16278	28 April ..	37	14 May.*
Scuttle. (See Coal-scuttle.)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Seal-lock for mail-bag	J. Channon	16187	4 April ..	29	16 April.
Sealing jar for preserving food	J. T. Hunter	16173	2 April ..	29	16 April.
Sealing. (See Bottle-sealing.)					
Searing and docking lambs' tails	E. H. Wilhelm	16315	14 April ..	43	28 May.
Seat. (See Trap-seat.)					
Secateur	J. R. Park	16487	12 June ..	50	25 June.*
Seed and fertiliser drill attachment	R. Ennis	16443	4 June ..	50	25 June.*
Seed-drill	R. B. Restell	16235	16 April ..	37	14 May.*
Seeds, grain, &c., Feed for	H. H. Denney	16446	5 June ..	50	25 June.*
Seed-sower	J. Gray	16528	19 June ..	57	9 July.*
Seed-sower	W. Lowe	16297	1 May ..	37	14 May.*
Seed, &c., thresher, Dressing-apparatus for	J. Greenslade	16274	24 April ..	37	14 May.*
Separator, Link-blade device for cream-	A. Harvey	16292	27 April ..	37	14 May.*
Settee and billiard-table, Convertible	H. U. Alcock	15973	6 Sept., 1902	50	25 June.
Sewer, Ventilation of	R. R. Donaldson	16197	6 April ..	29	16 April.
Shaft-tug	H. Durand	16319	7 May ..	..	..
Shafting, Driving, hydraulically	T. Cornish	16284	30 April ..	37	14 May.*
Sheaf-binding harvester and straw-trusser	I. Trolley	15600	5 Nov., 1902	50	25 June.
Shears, Garden-	H. Durand	16320	7 May ..	..	..
Shears	J. W. Mulhare	16515	15 June ..	..	..
Shears, scissors, &c.	A. Wood	16526	19 June ..	60	23 July.
Sheep-dip, Traversing-feeder to	J. Coop	16469	9 June ..	50	25 June.*
Sheep-dipping apparatus	S. H. Day	16492	11 June ..	50	25 June.*
Sheep-feeding rack, Gear for	F. Cooper	16470	9 June ..	..	..
Shelf. (See Oven-shelf.)					
Ship, turning by main engines	J. B. Blair	16194	4 April ..	29	16 April.
Ship's ventilator	T. Q. East	16225	14 April ..	33	30 April.*
Shirt, &c., fastener	F. M. Linley	16266	24 April ..	37	14 May.
Shirt-sleeve adjuster	J. C. Booth	16351	14 May ..	43	28 May.*
Shoe-fastener	C. D. Brent	16356	11 May ..	43	28 May.
Shoe. (See Brake-shoe, Horse-shoe.)					
Shot-making machine	A. G. Baker, C. and G. Croxford, and J. McQueen	16303	1 May ..	37	14 May.*
Shoulder-strap for school-bag, &c.	G. Goosman	15196	28 July, 1902	37	14 May.
Show-card, Spring hook for	J. F. Wilson and E. H. Whitmore	16217	4 May ..	43	28 May.
Side-slipping of motor car, &c., Preventing	S. Butler	16324	6 May ..	43	28 May.
Sign	H. D. Turner	16343	13 May ..	43	28 May.*
Signal. (See Flag-signal.)					
Signalling-target	G. W. L. Mackay	16243	15 April ..	33	30 April.*
Signalling-appliance	T. Cairns	16570	30 June ..	63	6 Aug.
Siphon	W. Waters	16220	8 April ..	33	30 April.*
Skeleton-bearing	M. Wagner	16395	28 May ..	57	9 July.
Skidding of motor-car, &c., Preventing	S. Butler	16324	6 May ..	43	28 May.
Skiving-machine	United Shoe Machinery Company	15203	2 Aug., 1902	33	30 April.
Skiving-machine	United Shoe Machinery Company	15204	2 Aug., 1902	33	30 April.
Skiving-machine, Leather	United Shoe Machinery Company	15207	2 Aug., 1902	33	30 April.
Skylight	A. and J. Peterson	16260	17 April ..	33	30 April.*
Skylights	T. C. Griffiths	16383	23 May ..	47	11 June.*
Slack-adjuster for brake	G. A. Pearson	16558	27 June ..	60	23 July.*
Sleeve-link	E. Jones	16532	23 June ..	57	9 July.*
Sleeve. (See Shirt-sleeve.)					
Smoke and spark preventer	C. E. Bernays	16504	17 June ..	57	9 July.
Snatch-block	A. Bishop	16298	4 May ..	43	28 May.
Sole of boot, Galvanic-	R. P. Gibbons	16331	8 May ..	43	28 May.*
Sole of boot	G. W. Temperley	16174	2 April ..	29	16 April.
Sower. (See Seed-sower.)					
Solution for paints, Street-sprinkling	C. V. Potter	16397	28 May ..	47	11 June.*
Sound-vibrations in water, Means for producing	Submarine Signal Company	16467	6 June ..	57	9 July.
Spark-arrester	J. Whitehouse	15429	22 Sept., 1902	57	9 July.
Spark-arrester	I. N. and C. L. Watt	16472	8 June ..	50	25 June.*
Spark-arrester	W. and J. Stenhouse	16490	12 June ..	50	25 June.*
Spark and smoke preventer	C. E. Bernays	16504	17 June ..	57	9 July.
Spile for beer-casks	C. J. Cooze	16453	8 June ..	50	25 June.*
Spiral screw-propeller	E. V. Dixon	16278	28 April ..	37	14 May.*
Spring-winding apparatus for eye-glasses, &c.	A. H. Brownley	16544	22 June ..	57	9 July.*
Spring, Friction	P. Hien	15973	12 Feb. ..	47	11 June.
Spring hinge	A. Ball	16355	12 May ..	43	28 May.*
Spring hook for securing label, &c.	J. F. Wilson and E. H. Whitmore	16217	4 May ..	43	28 May.
Sprocket, Pitch-chain and	G. Davidson	16568	29 June ..	60	23 July.*
Standard and dropper, Wire-fencing	L. H. McHardy	16456	6 June ..	50	25 June.
Staple-drawer and claw-hammer	A. Gray	15265	15 Aug., 1902	43	28 May.
Staple, Fencing	J. A. Rollo	16247	16 April ..	33	30 April.*
Staple for book-binding	E. M. McLauchlan	16171	2 April ..	29	16 April.*
Steam-engine	G. S. Morison	16232	16 April ..	33	30 April.*
Steam-generator	J. Smail	16565	25 June ..	60	23 July.*
Steering-gear, Auxiliary	J. B. Blair	16194	4 April ..	29	16 April.
Sterilising food	C. C. L. G. Budde	16326	6 May ..	43	28 May.
Stoker. (See Chain-grate stoker.)					
Stone-brick, Artificial	L. P. Ford	16166	2 April ..	33	30 April.
Stopper. (See Bottle-stopper.)					
Stove. (See Laundry-stove, Gas-stove.)					
Stove for heating irons	A. V. Maniachi	16205	8 April ..	33	30 April.
Strainer. (See Wire-strainer, Milk-strainer.)					
Strand of wool, &c., Pulling out	F. Wilkinson	16257	22 April ..	33	30 April.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Strap-buckle, Seal-lock for	J. Channon	16187	4 April ..	29	16 April.
Strap for bags	G. Goosman	15196	28 July, 1902	37	14 May.
Straw-elevator of thresher	G. Stevenson	16189	4 April ..	29	16 April.*
Straw-trusser	I. Trolley	15600	5 Nov., 1902	50	25 June.
Street-cleaner	O. A. Jorgensen and L. A. Needham	16567	29 June ..	60	20 August.
Strips, &c., Cutting material into	A. G. Baker, C. and G. Croxford, and J. McQueen	16304	1 May ..	37	14 May.*
Sulphates, Dry and alkali metals, manufacture	S. Trivick	16405	28 May ..	47	11 June.
Sulphur from ore, Eliminating	E. H. Miller	16300	6 May ..	43	28 May.
Sunken vessel, Raising	D. C. Groves and A. R. Stanton	16096	16 March ..	37	14 May.
Swing-gates, Opening and closing	G. Renner and W. H. Boyens	16387	25 May ..	47	11 June.*
Swinging ship by main engine	J. B. Blair	16194	4 April ..	29	16 April.
Switch, Electric	W. Kingsland	16501	17 June ..	70	3 Sept.
Switch for overhead railway	J. Anderson and A. E. M. Aschman	16310	7 May ..	37	14 May.*
Table. (See Billiard-table.)					
Table, Convertible	H. U. Alcock	15259	12 Aug., 1902	43	28 May.
Table, Extension	L. Kortlang, sen., and A. Kortlang	15775	17 Dec., 1902	33	30 April.
Table-game	W. Dawson	15458	10 Oct., 1902	37	14 May.
Table, Kitchen-	H. M. Rosenberg	16200	7 April ..	29	16 April.*
Tailings and sand pump	L. Phillips	16252	20 April ..	33	30 April.*
Tallying and weighing carcasses	E. Moss	16250	17 April ..	33	30 April.*
Tank. (See Concrete tank.)					
Tank, Water-purifier for	J. W. Mulhare	16471	4 June ..	50	25 June.*
Tanning-preparation	A. G. French	16408	26 May ..	47	11 June.*
Tap	J. Anderson	16474	8 June ..	57	9 July.
Tap to drum, Attaching draw-off	A. M. S. Watts	16288	30 April ..	37	14 May.*
Target apparatuses	A. Moul	16332	12 May ..	50	25 June.
Target, Self-registering	G. A. Peters	16362	13 May ..	47	11 June.
Target, Signalling-	G. W. L. Mackay	16243	15 April ..	33	30 April.*
Teapot	R. Allen	16294	29 April ..	37	14 May.*
Teat of cow, Probe for	C. Ridd and C. E. Young	15964	10 Feb. ..	33	30 April.
Telegraph apparatus, Electric	A. Falcone	16414	27 May ..	50	25 June.
Tenoning, boring, and mortising	G. Bish and J. Johnston	16546	20 June ..	57	9 July.
Terret	R. F. Brown	16523	18 June ..	57	9 July.*
Tethering-post	J. W. Branford	16553	26 June ..	60	23 July.
Thresher, Dressing-apparatus for seed, &c.	J. Greenslade	16274	24 April ..	37	14 May.*
Thresher, Straw-elevator of	G. Stevenson	16189	4 April ..	29	16 April.*
Ticket-dater	W. P. Nolan	16212	6 April ..	37	14 May.*
Tidal-power generator	H. M. Meinung	16543	25 June ..	57	9 July.*
Tie-clip	J. Montgomery	16192	4 April ..	29	16 April.
Tie-clip	J. Montgomery	16317	8 May ..	43	28 May.
Tightener. (See Wire-tightener.)					
Tin opener and cutter	G. J. Smith and J. Scott	16382	19 May ..	47	11 June.*
Tin, handle and support	W. G. Hancox	16374	19 May ..	43	28 May.*
Tip-wagon	H. S. Hayling	16461	10 June ..	57	9 July.
Tires for vehicle-wheels	F. W. Harradence	16533	19 June ..	57	9 July.*
Tire of bicycle, &c., Vulcanised cover for	G. T. Shilton and A. Schultze	16196	2 April ..	29	16 April.*
Tire setter and extractor	W. Murphy	16354	12 May ..	43	28 May.*
Tire. (See Pneumatic tire.)					
Tobacco-cake, Packing	R. H. Fancourt	16468	6 June ..	57	9 July.
Tobacco-plug holder and cutter	J. H. Cobb	16291	29 April ..	37	14 May.*
Tobacco-transporting box	W. E. Shaw	15209	2 Aug., 1902	37	14 May.
Toe-protector for boots and shoes	R. Collins	16393	28 May ..	47	11 June.*
Tool-bag, Saddle	A. Gray	15266	15 Aug., 1902	43	28 May.
Trace-attachment	A. Dale	16555	24 June ..	60	23 July.
Trace-fastening	H. Durand	16318	7 May ..	47	11 June.
Traction on wooden tramway	W. L. Luxford	15056	30 June, 1902	29	16 April.
Traction, Surface-contact electric	Dolter Electric Traction, Limited	16283	28 April ..	37	14 May.
Tractor, Agricultural motor-	Ivel Agricultural Motors, Limited	16341	13 May ..	43	28 May.
Trader's sales-book	C. B. Smith	16330	8 May ..	43	28 May.
Tram and railway car construction	P. Herbert	16404	28 May ..	50	25 June.*
Tramway traction, Wooden	W. L. Luxford	15056	30 June, 1902	29	16 April.
Tramway-lines, Cleansing	C. H. Jerrard	16347	14 May ..	47	11 June.
Trap-seat regulator	W. Murphy	16352	12 May ..	43	28 May.*
Trap. (See Animal-trap, Bird-trap, Rabbit-trap, Rat-trap.)					
Travelling-trunk, Keeping open lid of	W. Madden and H. Hoverd	16275	25 April ..	37	14 May.*
Tree, Felling	P. H. Pritchett	16273	24 April ..	37	14 May.*
Trimming ends of cigarettes	T. Whitehorn	16245	15 April ..	33	30 April.*
Trolley, Railway-bicycle	J. Kelly	16216	7 April ..	33	30 April.*
Trouser-clip for cyclist	H. Thompson and J. D. Tripe	16281	20 April ..	37	14 May.*
Troughs for underground cable, &c.	T. E. Devonshire	16134	25 March ..	50	25 June.
Truing up flax-stripper drum	J. Anderson	15185	29 July, 1902	37	14 May.
Tube-cleaner	W. J. S. Layton	16296	1 May ..	37	14 May.*
Tubes, Manufacture of	B. F. McTear and H. C. W. Gibson	16161	1 April ..	29	16 April.
Turbines, Steam-	Hon. C. A. Parsons	16335	13 May ..	47	11 June.
Turbines, Elastic-fluid	T. G. E. Lindmark	16415	27 May ..	50	25 June.
Turning boot or shoe	United Shoe Machinery Company	15103	10 July, 1902	33	30 April.
Turning ship by main engine	J. B. Blair	16194	4 April ..	29	16 April.
Twine	W. Deering	16342	13 May ..	43	28 May.
Twister. (See Wire-twister.)					
Type-matrices, Assembly of	J. G. Holbourns and H. A. Longhurst	16381	22 May ..	50	25 June.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Typewriter	G. W. Donning and H. T. Ambrose	16556	23 June ..	63	6 August.
Umbrella-tip retainer	J. Coventry	15989	14 Feb. ..	50	25 June.
Urinal, automatic flushing	J. L. Williams	16164	30 Dec., 1902	37	14 May.
Valve-gear for steam-engine	W. Mayne	16185	4 April ..	29	16 April.
Vehicle-brake	W. Murphy	16353	12 May ..	43	28 May.*
Vehicle-brake	W. E. Hughes	16536	24 June ..	60	23 July.
Vehicles, Drawbar for	G. S. Stevenson	16458	9 June ..	50	25 June.*
Vehicle draw-gear, Outrigger	R. D. Kelly	15254	15 Aug., 1902	37	14 May.
Vehicle wheel, Road-	J. Ainsworth	16241	15 April ..	37	14 May.
Vehicle, &c., wheel	D. Pope	16203	3 April ..	29	16 April.*
Vehicle-wheel lubricator	A. M. Legge	16248	16 April ..	33	30 April.*
Vehicle-wheel lock	A. Cooper	15232	7 Aug., 1902	43	28 May.
Vehicle-wheel lock	T. Firth	16450	8 June ..	60	25 July.
Vending machine. (See Newspaper-vending machine.)					
Venetian blinds, Operating	G. Stevenson	16190	4 April ..	29	16 April.*
Ventilation of sewer	R. R. Donaldson	16197	6 April ..	29	16 April.
Ventilator	S. H. Jacobson	16512	18 June ..	..	..
Ventilator, Double-current	H. I. M. Ross	16368	13 May ..	47	11 June.
Ventilator for window-sash	A. P. Masters	16441	6 June ..	47	11 June.*
Ventilator, Ship's	T. Q. East	16225	14 April ..	33	30 April.*
Ventilator, window-blind, and fire-screen..	E. Walker	16552	26 June ..	57	9 July.*
Vessel, Raising sunken	D. C. Groves and A. R. Stanton..	16096	16 March ..	37	14 May.
Vessels, Draw-off attachment for	L. E. and H. J. Saunders	16534	24 June ..	60	23 July.
Vulcanised outer cover for tires	G. T. Shilton and A. Schultze ..	16196	2 April ..	29	16 April.*
Wagon. (See Tip-wagon.)					
Walls, Covering of	J. R. Watt	16485	13 June ..	50	25 June.*
Washer	J. Orbell	16201	3 April ..	29	16 April.*
Wash-hand basin	F. W. Gordon	16293	27 April ..	37	14 May.
Washing and drying wool	H. Ashworth	16311	7 May ..	43	28 May.
Washing-copper	C. Slemitz	15064	30 June, 1902	29	16 April.
Washing crockery, Apparatus for	L. Davie	16423	1 June ..	50	25 June.*
Washing-machine	S. J. Osmond	16285	30 April ..	..	..
Watches, Luminous rim for	J. S. Gray	16388	22 May ..	47	11 June.*
Water-filter	J. T. N. Anderson	15756	11 Dec., 1902	43	28 May.
Water-gauge for steam-boilers..	R. P. Gibbons	16425	2 June ..	50	25 June.
Water-power, Driving dredge by	J. T. Johnson	15086	3 July, 1902	29	16 April.
Waterproof-hood	C. F. Giesen	16357	15 May ..	43	28 May.*
Waterproofing composition	J. Taylor	16280	25 April ..	37	14 May.*
Waterproofing composition	A. F. Roy	15263	15 Aug., 1902	43	28 May.
Water-purifier for tank	J. W. Mulhare	16471	4 June ..	50	25 June.*
Weighing and delivery machine	A. J. Park and H. M. Thorpe ..	16239	17 April ..	33	30 April.
Weighing and measuring milk	E. W. Lloyd	16346	14 May ..	43	28 May.*
Weighing and tallying carcases	E. Moss	16250	17 April ..	33	30 April.*
Weighing-machine	J. F. Clarke	16463	10 June ..	57	9 July.
Wheelbarrow	J. T. Kibblewhite and R. W. Short	16391	27 May ..	47	11 June.*
Wheel, Boot-finishing	G. H. Catt	15350	4 Sept., 1902	43	28 May.
Wheel-lock and horse-stopper	T. Firth	16450	8 June ..	60	23 July.
Wheel lock, Bicycle-	L. S. H. Hutton	16251	18 April ..	37	14 May.*
Wheel lock, Vehicle-	A. Cooper	15232	7 Aug., 1902	43	28 May.
Wheel, Road-vehicle	J. Ainsworth	16241	15 April ..	37	14 May.
Wheel-scraper for agricultural implements	A. E. Watson	16527	19 June ..	60	23 July.
Wheel, Vehicle, &c.	D. Pope	16203	3 April ..	29	16 April.*
Windmill	W. Cousens	16267	24 April ..	33	30 April.*
Windmill-lubricator	J. O'Neil	16290	29 April ..	43	28 May.*
Windmill, motion-changing gear	J. Alston	16208	8 April ..	33	30 April.
Window	A. Pappeler	16447	8 June ..	57	9 July.*
Window, Anti-rattling device for	W. G. Stevenson	16399	28 May ..	..	..
Window-blind, ventilator, and fire-screen	E. Walker	16552	26 June ..	57	9 July.*
Window-fastener	P. Gavin	16545	22 June ..	60	23 July.*
Window-lock	J. McKay	16322	6 May ..	37	14 May.*
Window-locks	C. N. Scurr	16215	7 April ..	33	30 April.*
Window safety-lock	M. R. Green	16301	6 May ..	37	14 May.*
Window-sash balancing	C. L. Stokes	16237	16 April ..	33	30 April.*
Window-sashes, Securing cards to	J. Armstrong	15449	26 Sept., 1902	57	9 July.
Window-sash fastener	W. T. Michelli	15010	17 June, 1902	37	14 May.
Window-sash hanger	W. J. Alexander	16067	9 March ..	37	14 May.
Window-sash lock	J. Hessey	16223	14 April ..	33	30 April.*
Window-sash retainer	S. Lintern	16255	22 April ..	33	30 April.*
Wire-clip	A. E. Jensen	16430	2 June ..	47	11 June.*
Wire coiler and uncoiler	A. A. McIlwraith	15065	27 June, 1902	47	11 June.
Wire-fastener	A. E. Jensen	16429	2 June ..	47	11 June.*
Wire-fencing standard and dropper	L. H. McHardy	16456	6 June ..	50	25 June.
Wire staple for bookbinding	E. M. McLauchlan	16171	2 April ..	29	16 April.*
Wire-strainer	R. F. Gorman	16282	30 April ..	37	14 May.
Wire-tightener	C. E. Hayward, jun..	15590	3 Nov., 1902	43	28 May.
Wire-twister, file, &c.	A. Gray	15267	15 Aug., 1902	43	28 May.
Wire twisting and straining	G. C. Clarke	16410	29 May ..	47	11 June.*
Wire-weaver machines, Coiler and spindle for	D. McKenzie	16454	4 June ..	50	25 June.*
Wooden-tramway traction.	W. L. Luxford	15056	30 June, 1902	29	16 April.
Wool, Pulling out strands of	F. Wilkinson	16257	22 April ..	33	30 April.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Wool washing and drying	H. Ashworth	16311	7 May ..	43	28 May.
Yoking horse, &c., teams	W. H. Cochrane	15189	29 July, 1902	37	14 May.
Yoking-in horses	A. R. McIntyre	16480	10 June ..	57	9 July.*
Zinc, Distillation of	C. G. P. de Laval	16416	27 May ..	50	25 June.

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS DURING QUARTER ENDING 30TH JUNE, 1903.

Name and Address.	No. of Class.	Design.		Gazette.	
		No.	Date.	No.	Date.
Fisher, C. W., Christchurch, N.Z.	2	182	8 June ..	47	11 June.
Frank, A. J., Auckland, N.Z.	1	181	6 June ..	50	25 June.
Harding and Billing, Auckland, N.Z.	5	183	12 June ..	50	25 June.
Kline, C. B., Christchurch, N.Z.	2	178	29 April ..	37	14 May.
New Zealand Times Company, Limited, The, Wellington, N.Z.	5	180	5 June ..	50	25 June.
Schatz and Co., L., Wellington, N.Z.	2	184	20 June ..	57	9 July.
Stewart, Dawson, and Co., Wellington, N.Z.	1	179	7 May ..	37	14 May.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER ENDING 30TH JUNE, 1903.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Abrahams, L.	Melbourne, Vic.	45	4233	10 June ..	..	..
Abrahams, L.	Melbourne, Vic.	45	4234	10 June ..	50	25 June.
Ainslie, J., and Co.	Leith, Scotland	43	4254	24 June ..	..	..
Ansonia Clock Company, The	New York, U.S.A., and London, Eng.	10	4205	18 May ..	43	28 May.
Ardath Tobacco Company	London, Eng.	45	4208	20 May ..	70	3 Sept.
Armstrong, J., and Co.	Auckland, N.Z.	13	4253	23 June ..	57	9 July.
Barlow and Jones, Limited	Manchester, Eng.	38	4241	12 June ..	50	25 June.
Barlow and Jones, Limited	Manchester, Eng.	24	4256	24 June ..	57	9 July.
Barlow and Jones, Limited	Manchester, Eng.	27	4257	24 June ..	57	9 July.
Barlow and Jones, Limited	Manchester, Eng.	24	4258	24 June ..	57	9 July.
Barlow and Jones, Limited	Manchester, Eng.	27	4259	24 June ..	57	9 July.
Barlow and Jones, Limited	Manchester, Eng.	24	4260	24 June ..	57	9 July.
Barlow and Jones, Limited	Manchester, Eng.	27	4261	24 June ..	57	9 July.
Barraud and Abraham	Palmerston North, N.Z.	42	4162	15 April ..	33	30 April.
Barraud and Abraham	Palmerston North, N.Z.	42	4163	15 April ..	33	30 April.
Baugh. (See de Baugh.) .. ..	.. ..	..	..	..	..	..
Bayer and Co., C.	London, Eng.	38	4195	12 May ..	63	6 August.
Bayer and Co., C.	London, Eng.	38	4196	12 May ..	..	..
Beattie, Lang, and Co.	Wellington, N.Z.	42	4166	17 April ..	33	30 April.
Beattie, Lang, and Co.	Wellington, N.Z.	42	4244	16 June ..	50	25 June.
Bickford and Sons, Limited, A. M.	Adelaide, South Aus.	3	4216	2 June ..	47	11 June.
Bickmore Gall Cure Company	Old Town, U.S.A.	2	4192	7 May ..	60	23 July.
Bonnington, G., Executors of	Christchurch, N.Z.	42	4255	24 June ..	57	9 July.
British-American Tobacco Company	London, Eng.	45	4237	11 June ..	50	25 June.
British-American Tobacco Company	London, Eng.	45	4238	11 June ..	50	25 June.
British-American Tobacco Company	London, Eng.	45	4239	11 June ..	50	25 June.
Broughton, M. E.	Auckland, N.Z.	3	4230	9 June ..	..	..
Buchanan and Co., J. (See J. Buchanan.) .. ..	.. ..	..	..	..	..	..
Buchanan, J.	London, Eng.	43	4151	1 April ..	..	..
Burrell and Co., D. H.	Little Falls, New York, U.S.A.	8	4204	18 May ..	..	..
Bush, T.	Wellington, N.Z.	37, 38,	4170, 1	20 April ..	..	..
Butters, H., and another	Havelock North, N.Z.	2	4168	18 April ..	33	30 April.
Butters and Hickman. (See H. Butters and T. M. Hickman, No. 4168.) .. ..	.. ..	..	..	..	..	..
Cameron and Co., Limited, W. R.	Dunedin, N.Z.	42	4172	24 April ..	33	30 April.
Cammell and Co., Limited, C.	Sheffield, Eng.	5	4158	8 April ..	29	16 April.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Campbell, G.	Auckland, N.Z. ..	42	4221	5 June ..	57	9 July.
Chipman, H. S.	Sydney, N.S.W. ..	6	4273	30 June ..	57	9 July.
Clarke and Co., I. P. Cloux. (See Le Cloux.)	Leicester, Eng. ..	23	3800	28 May, 1902	25	2 April.
Connell, J., and Company Proprietary, Limited	Sydney, N.S.W. ..	42	4236	10 June ..	60	23 July.
Copithorne, J. W.	Wellington, N.Z. ..	9	4209	21 May ..	47	11 June.
Cotton, F. H.	Christchurch, N.Z. ..	22	4182	29 April ..	37	14 May.
Crump, W. C.	Sydney, N.S.W. ..	38	4264	25 June ..	60	23 July.
De Baugh, H. W.	Auckland, N.Z. ..	6	4211	22 May ..	47	11 June.
Distillers Company, Limited	Edinburgh, N.B. ..	43	4272	30 June ..	..	..
Dixon Tobacco Company, Limited	Sydney, N.S.W. ..	45	4217	2 June ..	50	25 June.
Dixon Tobacco Company, Limited	Sydney, N.S.W. ..	45	4218	2 June ..	50	25 June.
Dutton, E., and another	Auckland, N.Z. ..	3	4215	30 May ..	47	11 June.
Dutton, P.	Auckland, N.Z. ..	3	4212	26 May ..	47	11 June.
Dutton, P.	Auckland, N.Z. ..	47	4267	27 June ..	..	..
Dutton, R. A.	Auckland, N.Z. ..	3	4153	3 April ..	47	11 June.
Dutton, R. A., and another ..	Auckland, N.Z. ..	3	4215	30 May ..	47	11 June.
Eagle Cigarette Company, The. (See J. Jeffs, No. 4142.)						
Finer, E. M.	Auckland, N.Z. ..	3	4232	10 June ..	50	25 June.
Gaudin, A. H.	Melbourne, Vic. ..	22	4268	17 June ..	57	9 July.
Gaudin, A. H.	Melbourne, Vic. ..	40	4277	17 June ..	57	9 July.
Gerhard Mennen Chemical Company, The	Newark, U.S.A. ..	48	4198	13 May ..	43	28 May.
Gibbons, H. B.	Wanganui, N.Z. ..	49	4169	18 April ..	33	30 April.
Gordon and Co. (See C. M. Gordon, No. 4266.)						
Gordon, C. M.	Christchurch, N.Z. ..	47	4266	26 June ..	60	23 July.
Hall and Co., Limited, J.	Christchurch, N.Z. ..	42	4213	27 May ..	47	11 June.
Hayward Bros. and Co., Limited	Christchurch, N.Z. ..	42	4240	11 June ..	60	23 July.
Hickman, T. M., and another ..	Wolverhampton, Eng. ..	2	4168	18 April ..	33	30 April.
Hohenlohe Nährmittelfabrik Lim, The	Gerabronn, Germany ..	42	4191	7 May ..	37	14 May.
H. O. (Hornby's Oatmeal) Company, The	Buffalo and New York, U.S.A. ..	42	4243	12 June ..	50	25 June.
Howell and Co. (See W. Meyerstein and Co., No. 4154.)						
Hudson and Co., J. (See C. Hudson, No. 4193.)						
Hudson, C.	London, Eng. ..	50	4193	8 May ..	66	20 August.
Jeffs, J.	Dunedin, N.Z. ..	45	4142	19 March ..	50	25 July.
Kempthorne, Prosser, and Co.'s New Zealand Drug Company, Limited	Dunedin, Christchurch, Auckland, and Wellington, N.Z. ..	2	4248	19 June ..	66	20 August.
Kempthorne, Prosser, and Co.'s New Zealand Drug Company, Limited	Dunedin, Christchurch, Auckland, and Wellington, N.Z. ..	3	4249	19 June ..	66	20 August.
Kempthorne, Prosser, and Co.'s New Zealand Drug Company, Limited	Dunedin, Christchurch, Auckland, and Wellington, N.Z. ..	3	4250	19 June ..	50	25 June.
Kempthorne, Prosser, and Co.'s New Zealand Drug Company, Limited	Dunedin, Christchurch, Auckland, and Wellington, N.Z. ..	47	4251	19 June ..	66	20 August.
Kempthorne, Prosser, and Co.'s New Zealand Drug Company, Limited	Dunedin, Christchurch, Auckland, and Wellington, N.Z. ..	50	4252	19 June ..	66	20 August.
Knox, C. B.	Johnstown, U.S.A. ..	3	4174	24 April ..	33	30 April.
Lambert Pharmacal Company	St. Louis, U.S.A. ..	2	4222	5 June ..	47	11 June.
Lanman and Kemp	New York, U.S.A. ..	48	4159	9 April ..	33	30 April.
Le Cloux and Co., J. B. S.	Wellington, N.Z. ..	42	4177	27 April ..	33	30 April.
Lever Bros., Limited	Balmain, N.S.W. ..	47	4206	20 May ..	47	11 June.
Lever Bros., Limited	Balmain, N.S.W. ..	48	4207	20 May ..	47	11 June.
Lever Bros., Limited	Sydney, N.S.W. ..	47	4269	30 June ..	60	23 July.
Lever Bros., Limited	Sydney, N.S.W. ..	48	4270	30 June ..	60	23 July.
Linley, F. M.	Castlemaine, Vic. ..	38	4214	28 May ..	47	11 June.
Love, J.	Green Island, N.Z. ..	22	4167	17 April ..	33	30 April.
Luke, S., and Co., Limited. ..	Wellington, N.Z. ..	18	4247	19 June ..	60	23 July.
Lysaght, Limited, J.	Bristol, Eng. ..	5	4224	5 June ..	47	11 June.
MacEwen, J. B., and Co.	Wellington, N.Z. ..	7	4245	17 June ..	60	23 July.
Mackintosh, Limited, J.	Halifax, Eng. ..	42	4164	15 April ..	37	14 May.
Mackintosh, Limited, J.	Halifax, Eng. ..	42	4165	15 April ..	37	14 May.
Martins. (See A. H. Gaudin, Nos. 4268 and 4277.)						
Meyerstein and Co., W.	London, Eng. ..	42	4154	4 April ..	37	14 May.
Meyerstein and Co., W.	London, Eng. ..	42	4155	4 April ..	..	..
Miller, T.	Masterton, N.Z. ..	3	4262	25 June ..	..	..

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Molls Bros. (See H. Molls, No. 4202.)						
Molls, H.	Melbourne, Vic. ..	34	4202	14 May ..	63	6 August.
Murdoch, A., and Co.	Dunedin, N.Z. ..	47	4210	22 May ..	..	..
Nathan, J., and Co., Limited ..	Wellington, N.Z. ..	42	4242	12 June ..	50	25 June.
Nelson, Moate, and Co., Limited ..	Wellington, N.Z. ..	42	4185	4 May ..	..	..
New York and Brooklyn Tobacco Company, Limited	Sydney, N.S.W. ..	45	4235	10 June ..	50	25 June.
New Zealand Candle Company, Limited	Wellington, N.Z. ..	47	4226	6 June ..	50	25 June.
Oddy and Co., W.	Bradford; Eng. ..	34	4150	1 April ..	29	16 April.
Otis, McAllister, and Co.	San Francisco, U.S.A. ..	47	4156	6 April ..	29	16 April.
Otis, McAllister, and Co.	San Francisco, U.S.A. ..	42	4197	12 May ..	43	28 May.
Otis, McAllister, and Co.	San Francisco, U.S.A. ..	42	4157	5 April ..	..	..
Paterson and Co., A. S.	Wellington, N.Z. ..	42	4183	30 April ..	37	14 May.
Pidgeon and Co., Limited, E. W. ..	Christchurch, N.Z. ..	45	4180	29 April ..	37	14 May.
Pidgeon and Co., Limited, E. W. ..	Christchurch, N.Z. ..	45	4181	29 April ..	37	14 May.
Ramsay, K. S.	Dunedin, N.Z. ..	47	4200	13 May ..	43	28 May.
Renard Lorimer and Co.	Melbourne, Vic. ..	45	4219	4 June ..	47	11 June.
Renard Lorimer and Co.	Melbourne, Vic. ..	45	4220	4 June ..	47	11 June.
Rongotea Co-operative Dairy Company, Limited, The	Rongotea, N.Z. ..	42	4184	4 May ..	37	14 May.
Rosman, S.	Christchurch, N.Z. ..	45	4227	8 June ..	47	11 June.
Rosman, S.	Christchurch, N.Z. ..	45	4228	8 June ..	47	11 June.
Sargood, Son, and Ewen	New Zealand ..	38	4223	5 June ..	47	11 June.
Scott, G. H.	Wellington, N.Z. ..	13	4152	1 April ..	29	16 April.
Scott, G. R.	Dunedin, N.Z. ..	6	4194	11 May ..	37	14 May.
Scott, G. M.	Dunedin, N.Z. ..	18	4225	5 June ..	47	11 June.
Simmons, M.	Sydney, N.S.W. ..	19	4176	25 April ..	..	..
Singer Manufacturing Company, The ..	London, Eng.; Glasgow, Scotland; & Elizabethport, U.S.A.	6	4186, 7	6 May ..	37	14 May.
Singer Manufacturing Company, The ..	London, Eng.; Glasgow, Scotland; & Elizabethport U.S.A.	6	4188, 9	6 May ..	43	28 May.
Sniders and Abrahams. (See L. Abrahams, Nos. 4233 and 4234.)						
South British Packing Company. (See A. S. Paterson and Co., No. 4183.)						
Southall Bros. and Barclay, Limited ..	Birmingham, Eng. ..	3	4173	24 April ..	33	30 April.
Spim Company. (See C. B. Knox, No. 4174.)						
Standard Paint Company	New York, U.S.A. ..	1	4160	9 April ..	..	..
Standard Paint Company	New York, U.S.A. ..	41	4161	9 April ..	..	..
Stoddard, F., and Co.	Christchurch, N.Z. ..	48	4229	8 June ..	50	25 June.
Tooth and Co., Limited	Sydney, N.S.W. ..	43, 44	4010, 1	27 Nov., 1902	29	16 April.
Turnbull, W. and G., and Co.	Wellington, N.Z. ..	42	4231	9 June ..	..	..
Turner and Turner	Wellington, N.Z. ..	42	4199	13 May ..	..	..
Union Clothing Company. (See T. Bush, Nos. 4170 and 4171.)						
Union Oil, Soap, and Candle Company, Limited	Auckland, N.Z. ..	47	4178	28 April ..	37	14 May.
Union Oil, Soap, and Candle Company, Limited	Auckland, N.Z. ..	42	4179	28 April ..	..	..
Waldberg and Co., Gesellschaft mit Beschraenkter Haftung	Berlin, Germany ..	8	4175	24 April ..	..	..
Wanganui Supply and Agency Company, Limited	Wanganui, N.Z. ..	47	4263	25 June ..	57	9 July.
Ward, G.	Christchurch, N.Z. ..	42	4246	18 June ..	57	9 July.
Welsbach Light Company of Australasia, Limited	London, Eng. ..	18	4265	25 June ..	57	9 July.
Wetherim, H.	Melbourne, Vic. ..	6	4190	7 May ..	37	14 May.
Wills, W. D. and H. O. (Australia) ..	Bristol, Eng. ..	50	4201	14 May ..	..	..
Winterbottom Book Cloth Company, Limited	Manchester, Eng. ..	39	4271	30 June ..	57	9 July.
Wright, Stephenson, and Co.	Dunedin, N.Z. ..	2	4203	15 May ..	43	28 May.

**J.—ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING
30TH SEPTEMBER, 1903.**

* Denotes a provisional specification.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Adams, D., and another, Wellington, N.Z. Wall-plaster. (M. E. Loose)	16666	21 July ..	66	20 Aug.
Adams, R. L., and another, Wellington, N.Z. Wall-plaster. (M. E. Loose)	16666	21 July ..	66	20 Aug.
Adams, W. J., and another, Sydney, N.S.W. Latch-lock ..	16911	4 Sept. ..	74	17 Sept.*
Affleck, E. E., Sydney, N.S.W. (See The Reference Company, Limited, No. 16942.)				
Ahern, J. M., Sydney, N.S.W. Boiler-tube cleaner ..	17021	25 Sept. ..	81	15 Oct.*
Ah Pat, Foxton, N.Z. Bicycle-driving mechanism ..	16579	3 July ..	60	23 July.*
Aitken, R., and another, Gunnedah, N.S.W. Gas-generator ..	16752	6 Aug. ..	66	20 Aug.*
Aitken, W., Oamaru, N.Z. Window attachment ..	16657	16 July ..	63	6 Aug.*
Alcock, H. U., Melbourne, Vic. Convertible billiard and dining table	17018	19 Sept. ..	81	15 Oct.*
Alkemade, P. van L., Melbourne, Vic. Rabbit-trapping fence ..	16971	14 Sept. ..	78	1 Oct.*
Allan, E. A., Dunedin, N.Z. Cake-tin ..	16585	1 July ..	60	23 July.*
Alley, F. L., and another, Sydney, N.S.W. (See United Shoe Machinery Company, No. 16945.)				
Allnutt, G. T., and another, Melbourne, Vic. Rotary gauge ..	16835	19 Aug. ..	70	3 Sept.*
Alpas, J. S. J., Masterton, N.Z. Day and invoice books ..	17008	21 Sept. ..	81	15 Oct.*
Alzugaray, De. (See under De.)				
Anderson, A. P., Middle Brighton, Vic. Pianists' hand gymnasia ..	16653	17 July ..	63	6 Aug.*
Anderson, J., Dunedin, N.Z. Rotary pump ..	16204	3 July ..	60	23 July.
Anderson, R., and another, Hokonui, N.Z. Post-hole borer ..	16916	4 Sept. ..	78	1 Oct.*
Anderson, W., Abbotsford, N.Z. Cutting sheet metal ..	16962	9 Sept. ..	78	1 Oct.*
Anderson, W. J., and others, Melbourne, Vic. Presser-plates for cheese	16793	13 Aug. ..	70	3 Sept.*
Andrew, R., Melbourne, Vic. Bucket and suction dredge ..	16931	11 May† ..	78	1 Oct.
Ansdcombe, C. E., Dunedin, N.Z. Preventing sash-cord running back over pulley	16644	14 July ..	63	6 Aug.*
Ansell. (See King-Ansell.)				
Aragon, M., Adelong, N.S.W. Heating schools, &c. ..	16640	16 July ..	66	20 Aug.
Ashcroft, A., and another, Auckland, N.Z. Tramway-seat ..	16905	29 Aug. ..	74	17 Sept.*
Ashcroft, A., and another, Auckland, N.Z. Fire-kindler ..	17002	16 Sept. ..	84	29 Oct.*
Austin, H., and another, Erdington, Eng. Flexible joint for shearing-machine	16909	4 Sept. ..	78	1 Oct.
Australian Agency Company, The, Melbourne, Vic. (See W. A. Shields, No. 16885.)				
Bain, W., Christchurch, N.Z. Castor ..	15764	15 Dec., 1902 ..	74	17 Sept.
Baird, A. C., Auckland, N.Z. Engine-silencer ..	16716	29 July ..	66	20 Aug.*
Baird, A. C., Auckland, N.Z. Engine-silencer ..	16875	25 Aug. ..	74	17 Sept.*
Baird, J., Auckland, N.Z. Window-gear ..	16906	1 Sept. ..	74	17 Sept.*
Baird, J., Auckland, N.Z. Non-weighted window-gear ..	17036	24 Sept. ..	81	15 Oct.*
Baldwin, E. S., and another, Wellington, N.Z. Bottle-closure. (W. Weddel—J. Thompson)	16929	9 Sept. ..	78	1 Oct.
Barnard, A. W. A., Dunedin, N.Z. Recording shot patterns ..	16618	7 July ..	60	23 July.*
Barnes, G., Sydney, N.S.W. (See J. G. Lodge, No. 16868.)				
Barnsdale, W., and others, Auckland, N.Z. Extractor and clarifier	16848	25 Aug. ..	70	3 Sept.*
Barnsdale, W., Auckland, N.Z. Sterilising bonedust ..	16800	14 Aug. ..	74	17 Sept.*
Barton, E. L'E., Hawera, N.Z. Electric conductor ..	15804	23 Dec., 1902 ..	78	1 Oct.
Bates, J., Auckland, N.Z. Stove ..	16649	17 July ..	66	20 Aug.
Bates, J., Auckland, N.Z. Portable boiler ..	16661	18 July ..	63	6 Aug.*
Bates, J., Invercargill, N.Z. Trace-fastening ..	16622	8 July ..	63	6 Aug.*
Baugh, De. (See under De.)				
Bawden, W. R., Kalgoolie, W.A. Clinostat ..	16613	10 July ..	60	23 July.*
Beamish, W., Cromwell, N.Z. Carrying a running line along a standing line	16933	11 Sept. ..	78	1 Oct.*
Beamish, W., Cromwell, N.Z. Oil-feeding can ..	16934	11 Sept. ..	78	1 Oct.*
Beamish, W., Cromwell, N.Z. Trouser-clip ..	16822	17 Aug. ..	70	3 Sept.*
Beamish, W., Cromwell, N.Z. Rebrushing dredge-buckets	16821	17 Aug. ..	70	3 Sept.*
Beamish, W., Cromwell, N.Z. Boot-fastener ..	16681	20 July ..	66	20 Aug.*
Beamish, W., Cromwell, N.Z. Sling and shackle ..	16682	20 July ..	66	20 Aug.*
Beamish, W., Cromwell, N.Z. Sack mouth fastener ..	16683	20 July ..	66	20 Aug.*
Beamish, W., Cromwell, N.Z. Shackle ..	16863	21 Aug. ..	74	17 Sept.*
Beaumont, W., Wanganui, N.Z. Milk-strainer ..	16363	18 May ..	74	17 Sept.
Bedell, B. H., and another, London, Eng. Electric contact stud ..	16639	16 July ..	63	6 Aug.
Bell, B. A., Orepuki, N.Z. Colouring photos, &c ..	16599	7 July ..	63	6 Aug.
Bennet, W., Dunedin, N.Z. Boot sole and heel ..	16954	7 Sept. ..	78	1 Oct.
Benson, J., Grove Bush, N.Z. Collar and hames ..	16754	6 Aug. ..	81	15 Oct.
Berg, J. A., Christchurch, N.Z. Candlestick ..	16604	7 July ..	63	6 Aug.*
Bergan, J., Granville, N.S.W. Lighting and extinguishing lamps ..	16913	4 Sept. ..	78	1 Oct.
Berry, T. C., Ohingaiti, N.Z. Wire-strainer ..	16896	1 Sept. ..	78	1 Oct.*
Beas, J., Mokoreta, N.Z. Milking-machine ..	16814	14 Aug. ..	70	2 Sept.*
Black, R. S., Dunedin, N.Z. Animal-trap ..	15487	3 Oct., 1902 ..	70	3 Sept.
Blick, B., Blenheim, N.Z. Cleaning and polishing boots	16708	30 July ..	66	20 Aug.*
Llundell, F. H., Halcombe, N.Z. Dehorning calves ..	16792	13 Aug. ..	70	3 Sept.*
Bodycomb, B., Melbourne, Vic. Milking apparatus. (W. H. Lawrence)	16676	24 July ..	66	20 Aug.*
Bolton, G., Dunedin, N.Z. Ventilator ..	16647	11 July ..	63	6 Aug.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Bolton, G., Dunedin, N.Z. Water-closet and latrine	16692	23 July ..	66	20 Aug.*
Borchardt, N., Sydney, N.S.W. Artificial stone	16912	4 Sept. ..	78	1 Oct.
Botting, W. J., Shannon, N.Z. Blight-destroying composition ..	15538	22 Oct., 1902 ..	60	23 July.
Bowles, W., Auckland, N.Z. Ventilator	17053	28 Sept. ..	91	26 Nov.
Bowmar, E., Gore, N.Z. Canister for sowing turnip, &c. ..	15604	5 Nov., 1902 ..	66	20 Aug.
Boysen, W. H., and another, Kaikoura, N.Z. Signalling for railways	16612	10 July ..	60	23 July.*
Boys, F. T., and another, Dunedin, N.Z. Label-fastening ..	17029	25 Sept. ..	81	15 Oct.*
Braddock, W. C., Blenheim, N.Z. Cleaning and washing fruit ..	16602	8 July ..	60	23 July.*
Brand, F. A., Benicia, U.S.A. Disc plough	15925	30 Jan. ..	74	17 Sept.
Brain, E., and another, Auckland, N.Z. Electric battery ..	17061	30 Sept. ..	84	29 Oct.*
Brain, W. B., and another, Auckland, N.Z. Electric battery ..	17061	30 Sept. ..	84	29 Oct.*
Brent, C. D., Cromwell, N.Z. Hairpin	16986	11 Sept. ..	81	15 Oct.*
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. (See J. P. Campbell, No. 16865.)				
British Westinghouse Electric and Manufacturing Company, Limited, London, Eng. (See W. E. Hughes, No. 17041.)				
Bristow, C., Christchurch, N.Z. Turnip, &c., sower	17028	26 Sept. ..	81	15 Oct.*
Brock, A., Sutton, Eng. Explosive	16601	8 July ..	63	6 Aug.
Brooks, J., Wellington, N.Z. Composition for cleaning harness ..	16671	23 July ..	70	3 Sept.
Brophy, C. M., Upper Manilla, N.S.W. Measuring ladies' skirts ..	16598	6 July ..	63	6 Aug.
Brown, G. W., and another, South Preston, Vic. Steam-generator	16795	13 Aug. ..	70	3 Sept.
Brown, P. J., Little Kyaburn, N.Z. Gum boot	16632	13 July ..	63	6 Aug.*
Brown, W., Dunedin, N.Z. Room-heater. (M. Raleigh) ..	16946	10 Sept. ..	81	15 Oct.
Browne, M., Gisborne, N.Z. Hairpin	16763	4 Aug. ..	70	3 Sept.*
Brownley, A. H., Onehunga, N.Z. Tap and gauge	16638	16 July ..	63	6 Aug.
Bruce, J., and another, New Plymouth, N.Z. Brake for dray ..	16689	23 July ..	66	20 Aug.
Brun. (See Le Brun.)				
Buckland, H., Waikouaiti, N.Z. Newspaper-stand	16729	31 July ..	66	20 Aug.*
Budge, G. S., Auckland, N.Z. Turning leaves of music	16781	11 Aug. ..	70	3 Sept.*
Bunyan, F., Janesville, U.S.A. (See C. W. Nielsen, No. 16751.)				
Burke, P., and another, Dacre, N.Z. Gripper for traction-engine wheels	16812	14 Aug. ..	70	3 Sept.*
Burman, E. S., and others, Melbourne, Vic. Presser-plates for cheese	16793	13 Aug. ..	70	3 Sept.*
Burn, F., and another, Timaru, N.Z. Calculating quantity of seed sown	16827	20 Aug. ..	70	3 Sept.*
Burnett, C. H., Fordell, N.Z. Folding hat	16843	22 Aug. ..	70	3 Sept.*
Burrell, D. H., Little Falls, U.S.A. (See A. Harvey, No. 16739.)				
Burrell, T., North Melbourne, Vic. Adjustable sole and heel for boot	16898	2 Sept. ..	78	1 Oct.
Burrell, W., and another, Melbourne, Vic. Crate for cheese ..	16834	19 Aug. ..	70	3 Sept.*
Burt, A., Dunedin, N.Z. Skylight-bars	16786	12 Aug. ..	66	20 Aug.*
Burt, A., Dunedin, N.Z. Ventilator	16854	22 Aug. ..	74	17 Sept.*
Butel, G., Gore, N.Z. Tap or valve	16723	3 Aug. ..	66	20 Aug.*
Butler, J., and another, Dacre, N.Z. Gripper for traction-engine wheels	16812	14 Aug. ..	70	3 Sept.*
Cadett, J. W. T., and another, Ashtead, Eng. Secondary battery ..	16703	29 Jan.† ..	66	20 Aug.
Caley, T. L., Auckland, N.Z. Cuff-protector	16893	28 Aug. ..	74	17 Sept.
Calvert, A., and another, Christchurch, N.Z. Measuring liquids ..	16966	10 Sept. ..	78	1 Oct.
Calvert, J. P., and another, Christchurch, N.Z. Measuring liquids	16966	10 Sept. ..	78	1 Oct.
Calvert, J. P., and Son, Christchurch, N.Z. (See A. and J. P. Calvert, No. 16966.)				
Cameron, E. A., and another, Invercargill, N.Z. Travelling race ..	16627	8 July ..	63	6 Aug.*
Campbell, A., Sutton, N.Z. Dust-proof attachment for watch ..	16881	28 Aug. ..	74	17 Sept.*
Campbell, J. P., Wellington, N.Z. Regulating voltage. (British Westinghouse Electric and Manufacturing Company, Limited)	16865	27 Aug. ..	..	..
Carkeek, T., Otaki, N.Z. Sighting-bar for rifle	16766	7 Aug. ..	70	3 Sept.*
Carlyle, J., Waimate, N.Z. Feeding-trough	15412	18 Sept., 1902	60	23 July.
Carlyle, J., Waimate, N.Z. Bird-trap	16575	1 July ..	63	6 Aug.
Carr, F. L., jun., Wellington, N.Z. Optical illusion	16998	18 Sept. ..	81	15 Oct.
Carr, F. L., jun., Wellington, N.Z. Artificial flower	16748	5 Aug. ..	66	20 Aug.*
Carson, A. A., Ashburton, N.Z. Tank-strainer	16669	21 July ..	63	6 Aug.*
Carter, H., and another, Auckland, N.Z. Cleaning kauri-gum ..	16665	18 July ..	63	6 Aug.*
Castle, P., and another, Surbiton, Eng. Burner. (S. A. Rosenthal)	16860	26 Aug. ..	74	17 Sept.*
Castledine, F. P., Melbourne, Vic. Parlour-game	16704	29 July ..	66	20 Aug.*
Causar, P. J., and others, Katamatite, Vic. Wire-strainer ..	16796	14 Aug. ..	81	15 Oct.
Channon, J., Hornsby, N.S.W. Seal lock. (W. T. Percival) ..	16943	10 Sept. ..	81	15 Oct.
Channon, J., Sydney, N.S.W. Seal lock. (J. J. Russell) ..	16753	6 Aug. ..	70	3 Sept.
Cherrie, M. J., Huntly, N.Z. Opening oysters	15705	2 Dec., 1902 ..	70	3 Sept.
Christchurch Meat Company, Limited, The, and another, Christ- church, N.Z. Lifting skins	16841	22 Aug. ..	70	3 Sept.*
Church, G. F., Lauriston, N.Z. Knife for cutting gorse, &c. ..	17015	23 Sept. ..	81	15 Oct.*
Clark, H., and others, Auckland, N.Z. Clay pipe	16852	25 Aug. ..	74	17 Sept.*
Clark, S., and another, Auckland, N.Z. Fire-kindler	17002	16 Sept. ..	84	29 Oct.*
Clark, S., and another, Auckland, N.Z. Tramway-seat ..	16905	29 Aug. ..	74	17 Sept.*
Cleaver, A. E., Rongotea, N.Z. Fire-escape	15532	18 Oct., 1902 ..	66	20 Aug.
Clifford, J. M., and another, Morrinsville, N.Z. Flax-drum ..	16919	3 Sept. ..	74	17 Sept.*
Cobley, W., and another, Gunnedah, N.S.W. Gas-generator ..	16752	6 Aug. ..	66	20 Aug.*
Coe, H., Greymouth, N.Z. Plough attachment	15642	17 Nov., 1902	78	1 Oct.
Cohn, H., and another, London, Eng. Converting ironsand into briquettes	16978	16 Sept. ..	78	1 Oct.*
Cole, G. L., Wellington, N.Z. Sprinkler for bottle	16742	5 Aug. ..	66	20 Aug.*
Coleman, E. M. G., Melbourne, Vic. Automatically igniting matches	16784	12 Aug. ..	70	3 Sept.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

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

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Fischer, L., and another, Frankfort-on-the-Main, Germany. Support for photographic printing	16836	19 Aug. ..	74	17 Sept.
Fisher, D., Wellington, N.Z. (See F. G. Lindback, No. 16670.)				
Fiske, A. J., Melbourne, Vic. Horse-rug fastener ..	17013	23 Sept. ..	81	15 Oct.*
Foort, H., London, Eng. (See The Colonial Ferro-Concrete Syndicate, Limited, No. 16933.)				
Ford, J., Cromwell, N.Z. Brush ..	17016	19 Sept. ..	87	12 Nov.*
Foreign McKenna Process Company, Milwaukee, U.S.A. Charging-machine. (D. H. Lentz)	16816	19 Aug. ..	81	15 Oct.
Fortescue, G. E., and another, Tallangatta, Vic. Forcing rabbit-poison	16620	8 July ..	63	6 Aug.
Fortescue, A. J., and another, Tallangatta, Vic. Forcing rabbit-poison	16620	8 July ..	63	6 Aug.
Foster, G., Auckland, N.Z. Watertight boots ..	16590	4 July ..	63	6 Aug.
Foster, T., and another, Dunedin, N.Z. Account-book ..	15911	24 Jan. ..	63	6 Aug.
Frengley, J. P. S., Nelson, N.Z. Treating sewage ..	16831	21 Aug. ..	70	3 Sept.*
Fuller, J. H., Auckland, N.Z. Writing-desk, &c. ..	16876	25 Aug. ..	74	17 Sept.*
Gaitt, L., Middlemarch, N.Z. Animal-trap ..	16655	15 July ..	63	6 Aug.*
Gallagher, J., Auckland, N.Z. Indicating rise in temperature ..	16699	28 July ..	66	20 Aug.*
Gamble, C. G., Waddington, N.Z. Wire-winder ..	16635	14 July ..	63	6 Aug.*
Gaye, E. F. H., Dunedin, N.Z. Cuff-fastener ..	16884	28 Aug. ..	74	17 Sept.*
Gell, J., London, Eng. Tape-perforating apparatus ..	16637	16 July ..	66	20 Aug.
Gentles, H. J., Auckland, N.Z. Wash-up mop ..	16859	26 Aug. ..	74	17 Sept.*
Gibbons, R. P., and another, Auckland, N.Z. Metal-shield tire for bicycle	16829	17 Aug. ..	70	3 Sept.*
Gibbs, R. W., Nelson, N.Z. Door-check ..	16584	2 July ..	..	..
Gibson, H. C. W., and another, London, Eng. Manufacture of tubes	16782	12 Aug. ..	70	3 Sept.
Gilberd, H. J., Auckland, N.Z. Treating coal in ships ..	17026	18 Sept. ..	81	15 Oct.
Gillies, A., Terang, Vic. Pneumatic teat-cup ..	16944	10 Sept. ..	74	17 Sept.*
Gillow, E., Westport, N.Z. Drawing-board, easel, and T square ..	16969	12 Sept. ..	78	1 Oct.*
Ginsberg, R., Wellington, N.Z. Securing spouting to walls ..	16773	10 Aug. ..	70	3 Sept.*
Gerren, J., Hikurangi, N.Z. Cutting up soap ..	16615	10 July ..	60	23 July.*
Goodman, W. G. T., and another, Dunedin, N.Z. Car-fender ..	16631	13 July ..	63	6 Aug.*
Gore, C. G. R., Auckland, N.Z. Window-fastener ..	16844	22 Aug. ..	70	3 Sept.*
Gore, T., Pahiataua, N.Z. Commode ..	16815	18 Aug. ..	70	3 Sept.*
Gough, F., German Creek, N.Z. Railway-level indicator ..	16819	19 Aug. ..	70	3 Sept.*
Gough, F., German Creek, N.Z. Milk-strainer ..	16820	19 Aug. ..	70	3 Sept.*
Goyder, G. A., and another, Adelaide, S.A. Separation of minerals..	16466	10 June ..	78	1 Oct.
Grant, F. W., and another, Sydney, N.S.W. Water-lift ..	16990	17 Sept. ..	..	..
Grasset, R. J. W., South Yarra, Vic. Marine governor ..	16709	30 July ..	66	20 Aug.*
Gray, J. F., Dunedin, N.Z. Fire-lighter ..	16891	27 Aug. ..	74	17 Sept.*
Grayson, L. W., and another, Melbourne, Vic. Rowing-machine ..	15439	20 Sept., 1902..	57	9 July.
Greenshields, W., Auckland, N.Z. Tobacco-pipe ..	16973	15 Sept. ..	81	15 Oct.*
Greenwood, R. W., Greymouth, N.Z. Printers' quoin ..	16764	7 Aug. ..	70	3 Sept.*
Griffiths, W., and another, London, Eng. Electric contact stud ..	16639	16 July ..	63	6 Aug.
Grigg, E. F. J., Eifelton, N.Z. Combined chaff-cutter and corn-crusher	16636	24 July ..	66	20 Aug.*
Grimmer, G. W., Auckland, N.Z. Spark-arrester ..	16901	2 Sept. ..	78	1 Oct.*
Grove, J., Wellington, N.Z. Sash-cord fastening ..	16596	6 July ..	60	23 July.*
Hall, A. J., and another, South Hornsby, N.S.W. Spraying-nozzle	16818	19 Aug. ..	70	3 Sept.*
Hall, F. W., New Plymouth, N.Z. Non-puncturable inner tube ..	16832	21 Aug. ..	74	17 Sept.*
Hambleton, P. W., and others, Greymouth, N.Z. Rotary screen ..	16842	22 Aug. ..	74	17 Sept.*
Hamilton, F. W., and another, Nelson, N.Z. Ambulance ..	16927	5 Sept. ..	..	..
Hanlon, C., Ballarat, Vic. Milking-machine ..	16910	4 Sept. ..	74	17 Sept.*
Hanning, C., Grove Bush, N.Z. Gate ..	16607	9 July ..	60	23 July.*
Hansen, C. L., Te Araroa, N.Z. Gate-latch ..	17014	23 Sept. ..	81	15 Oct.*
Hansen, O., Gisborne, N.Z. Opening and closing gate ..	16679	24 July ..	94	10 Dec.
Hare, A., Auckland, N.Z. Lamp-lighter ..	16715	27 July ..	66	20 Aug.*
Harper, J. F., Dunedin, N.Z. Collar-stud ..	16940	5 Sept. ..	74	17 Sept.*
Hartree, H., Patangata, N.Z. Sheep-shears ..	16054	4 March ..	60	23 July.
Harradence, F. W., Auckland, N.Z. Steering-head for cycles ..	16734	3 Aug. ..	66	20 Aug.*
Hardley, J. W., and another, Ashburton, N.Z. Punching and shearing machine	16775	11 Aug. ..	70	3 Sept.*
Hardley, S., and another, Ashburton, N.Z. Punching and shearing machine	16775	11 Aug. ..	70	3 Sept.*
Harkin, P. A., Auckland, N.Z. Confectionery-mould ..	15665	21 Nov., 1902..	74	17 Sept.
Harkin, T., Auckland, N.Z. (See W. White, No. 16961.)				
Harkness, W. S., and another, Timaru, N.Z. Calculating quantity of seed sown	16827	20 Aug. ..	70	3 Sept.*
Harvey, A., Auckland, N.Z. Liquid-separator. (D. H. Burrell—M. L. Hoyt)	16739	31 July ..	70	3 Sept.
Hasselbach, E., Surrey Hills, Vic. Game ..	15736	6 Dec., 1902..	60	23 July.
Hatherly, F. H., and another, Wanganui, N.Z. Advertising medium	16995	18 Sept. ..	81	15 Oct.
Haxton, W. A., Carterton, N.Z. Milk-cooler ..	16581	3 July ..	60	23 July.*
Hay, J. B., and another, Petone, N.Z. Treating ofal ..	16735	3 Aug. ..	66	20 Aug.*
Haydon, G. A., Auckland, N.Z. Siphon trap and plug ..	16625	8 July ..	63	6 Aug.*
Hayling, H. S., St. Kilda, Vic. Tip-wagon. (A. Mansfield)	16643	16 July ..	63	6 Aug.
Heighton, A. L., Christchurch, N.Z. Bill-file ..	16771	6 Aug. ..	70	3 Sept.*
Hellier, J. T. E., Melbourne, Vic. Fly-catcher ..	16849	25 Aug. ..	70	3 Sept.*
Hemleb, M., and another, Elizabethport, U.S.A. Rotary take-up for sewing-machine	16828	18 Aug. ..	74	17 Sept.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Henderson, J. C., and others, Melbourne, Vic. Presser-plates for cheese	16793	13 Aug. ..	70	3 Sept.*
Heskett, T. J., and another, Brunswick, Vic. Treating ore ..	16963	9 Sept. ..	78	1 Oct.*
Hewitt, J. G. L., Dunedin, N.Z. Weather-filling for iron roofs. (A. Wilson)	17017	19 Sept. ..	81	15 Oct.*
Hicks, W., and others, Auckland, N.Z. Extractor and clarifier ..	16848	25 Aug. ..	70	3 Sept.*
Hillard, H. H., and another, Blenheim, N.Z. Tent ..	16937	10 Sept. ..	81	15 Oct.
Holderman, W. E., Marysvale, U.S.A. Treating slimes ..	16825	20 Aug. ..	74	17 Sept.
Holford, G., Auckland, N.Z. Trouser-stretcher ..	16704	29 July ..	66	20 Aug.*
Holm, J., Point Levy, N.Z. Mouse-trap ..	17000	17 Sept. ..	84	29 Oct.*
Honor, H., and another, New Plymouth, N.Z. Brake for dray ..	16689	23 July ..	66	20 Aug.
Honywood, G., Invercargill, N.Z. Pulveriser ..	16811	14 Aug. ..	70	3 Sept.*
Hooke, A. W., Sydney, N.S.W. Treatment of kaolin, &c. ..	16677	24 July ..	66	20 Aug.
Hooper, J. B., Petone, N.Z. Letter-case ..	16777	11 Aug. ..	70	3 Sept.*
Hosking, W. V., Midhurst, N.Z. Bailing and unbailing cows ..	15700	29 Nov., 1902..	78	1 Oct.
Howard, J. G., and others, Melbourne, Vic. Separation of milk and cream	16731	31 July ..	66	20 Aug.*
Howland, R., Wellington, N.Z. Electrical separator for ironsand	16979	16 Sept. ..	78	1 Oct.*
Hoyt, M. L., Birchton, U.S.A. (See A. Harvey, No. 16739.)				
Huck, A., and another, Frankfort-on-Main, Germany. Support for photo. printing	16836	19 Aug. ..	74	17 Sept.
Hughes, W. E., Wellington, N.Z. Alternating current Watt meters. (British Westinghouse Electric and Manufacturing Company, Limited)	17041	30 Sept. ..	..	..
Hughes, W. E., Wellington, N.Z. Friction-gearing. (Nurnberger Motor-Fahrzeuge-Fabrik "Union" G.m.b.H.—L. Maurer)	16719	31 July ..	70	3 Sept.*
Hughes, W. E., Wellington, N.Z. Friction-gearing. (Nurnberger Motor-Fahrzeuge-Fabrik "Union" G.m.b.H.—L. Maurer)	16720	31 July ..	70	3 Sept.*
Hughes, W. E., Wellington, N.Z. Treatment of refractory ores. (C. H. Miller and C. Quennell)	15780	18 Dec., 1902..	78	1 Oct.
Hughes, W. E., Wellington, N.Z. Tap for kerosene-tin. (W. T. Nuttall)	16873	27 Aug. ..	74	17 Sept.*
Hughes, W. E., Wellington, N.Z. Manufacture of coal-gas. (T. Settle and W. A. Padfield)	16678	24 July ..	66	20 Aug.*
Hughes, W. E., Hawera, N.Z. Hose-coupling ..	16989	17 Sept. ..	78	1 Oct.*
Hughes, W. E., Wellington, N.Z. Water-table in road-making. (J. B. Jackson)	17019	24 Sept. ..	81	15 Oct.*
Humphrey, C. F., and others, San Francisco, U.S.A. Deep-well pump. (G. C. Richards)	17049	29 Sept. ..	84	29 Oct.
Hunt, H., and others, Melbourne, Vic. Separation of milk and cream	16731	31 July ..	66	20 Aug.*
Hunter, A. J., Auckland, N.Z. Siphon of septic tank ..	16926	4 Sept. ..	78	1 Oct.
Hussey, N. W., and another, Oskaloosa, U.S.A. (See J. Sawers, No. 16936.)				
Ibbotson, T. H., Gore, N.Z. Drawing off liquids ..	16112	20 March ..	70	3 Sept.*
Incrocci, T., Dunedin, N.Z. (See J. B. Mack, No. 16867.)				
Inkpen, A., and another, Wanganui, N.Z. Trouser-stretcher ..	16698	28 July ..	66	20 Aug.
Innes, J. T., Sutton Town, S.A. Steam-generator ..	16672	23 July ..	63	6 Aug.*
International Sheahan Rotary Engine Company, Chicago, U.S.A. Rotary engine. (W. A. Sheahan)	16588	4 July ..	63	6 Aug.
Irvine, P., Dunedin, N.Z. Lifting soil ..	16707	25 July ..	66	20 Aug.
Jackson, J. B., Gisborne, N.Z. (See W. E. Hughes, No. 17019.)				
Jackson, P. J., Newcastle-upon-Tyne, Eng. Advertising appliance	16608	9 July ..	78	1 Oct.
Jacobson, W., Auckland, N.Z. Turning leaves of music ..	16902	2 Sept. ..	74	17 Sept.*
James, R., Ashhurst, N.Z. Cooking appliance ..	16755	6 Aug. ..	66	20 Aug.*
Jameson, J. M., Leicester, Eng. (See E. R. Jennings and The "Pyrojim" Syndicate, Limited, No. 15653.)				
Jenkins, F. W., and others, Roodeport, South Africa. Forging and sharpening drills	15852	9 Jan. ..	60	23 July.
Jenkinson, R., Auckland, N.Z. Flower-pot ..	16877	25 Aug. ..	74	17 Sept.*
Jennings, E. R., and another, London, Eng. Fuel. (J. M. Jameson)	15653	19 Nov., 1902..	70	3 Sept.*
Johnston, C., Dunedin, N.Z. Sheep-dipping platform ..	16953	10 Sept. ..	78	1 Oct.*
Johnston, G. N. H., and another, Wanganui, N.Z. Advertising medium	16995	18 Sept. ..	81	15 Oct.
Johnstone, A. E., Ilford, Eng. Liquid-fuel burner ..	16745	5 Aug. ..	66	20 Aug.*
Jonassen, M. J. C., Christchurch, N.Z. Scarf-pin, &c. ..	16667	20 July ..	63	6 Aug.*
Jones, H., Ascot Vale, Vic. Crushing-machine ..	16797	14 Aug. ..	70	3 Sept.*
Kahlenberg, P., Dunedin, N.Z. Umbrella-tip retainer ..	16605	6 July ..	60	23 July.*
Kendrick, T., Mornington, N.Z. Spring hand-truck ..	16693	24 July ..	66	20 Aug.*
Kidd, C. C., and another, Spring Hills, N.Z. Ditch-plough ..	16813	14 Aug. ..	70	3 Sept.*
Kiernan, C. T., Christchurch, N.Z. Easy-chair ..	16805	13 Aug. ..	70	3 Sept.*
Kiernan, C. T., Christchurch, N.Z. Extension table ..	16806	13 Aug. ..	70	3 Sept.*
Kilgour, W., and another, Christchurch, N.Z. Windmill ..	16917	3 Sept. ..	74	17 Sept.*
Kilkelly, M. J., and another, Grove Bush, N.Z. Belt-fastener ..	16810	14 Aug. ..	70	3 Sept.*
Kilkelly, P., and another, Grove Bush, N.Z. Ditch-plough ..	16813	14 Aug. ..	70	3 Sept.*
Kilkelly, T., and another, Grove Bush, N.Z. Belt-fastener ..	16810	14 Aug. ..	70	3 Sept.*
Kimbel, M., Islington, N.Z. Non-refillable bottle ..	16858	24 Aug. ..	74	17 Sept.*
Kimbel, M., Islington, N.Z. Venetian-blind ..	16880	27 Aug. ..	74	17 Sept.*
King-Ansell, G. A., Ahaura, N.Z. Tube-cleaner ..	16697	28 July ..	66	20 Aug.
Kinsey, F. G., Wainui, N.Z. Cart-wheel ..	17054	29 Sept. ..	84	29 Oct.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Kochendorffer, G., Melbourne, Vic. Cigarette-machine ..	16680	20 July ..	66	20 Aug.*
Krause, A. H., Auckland, N.Z. Cement bricks ..	16914	4 Sept. ..	74	17 Sept.*
Lake, W. E., and another, Melbourne, Vic. Rotary gauge ..	16835	19 Aug. ..	70	3 Sept.*
Lambert, F., Waikaremoana, N.Z. Ship-canal ..	16578	3 July ..	66	20 Aug.*
Lambert, F., Waikaremoana, N.Z. Tension bridge ..	16577	3 July ..	66	20 Aug.*
Lambert, W. H., Wyndham, N.Z. Knife-cleaner ..	16941	5 Sept. ..	78	1 Oct.*
Lambert, W. H., Wyndham, N.Z. Knife-cleaning machine ..	16759	4 Aug. ..	66	20 Aug.*
Lamborn, G. B., and another, Gore, N.Z. Connecting shoe to treadle of cycle ..	16660	18 July ..	63	6 Aug.*
Lappan, A., Sydney, N.S.W. Riding-saddle ..	16866	27 Aug. ..	74	17 Sept.*
Loughton, E., and another, Adelaide, S.A. Separation of minerals ..	16466	10 June ..	78	1 Oct.
Lawrence, W. H., Glasgow, Scotland. (See B. Bodycomb, No. 16676.)				
Le Brun, F. W., Invercargill, N.Z. Clothes-peg ..	16950	10 Sept. ..	78	1 Oct.*
Leek, G., and another, South Hornsby, N.S.W. Spraying-nozzle ..	16818	19 Aug. ..	70	3 Sept.*
Legge, A. M., Christchurch, N.Z. Bicycle-lock ..	16850	24 Aug. ..	70	3 Sept.*
Leighton, H. E., Wellington, N.Z. Boiler-furnace. (H. Sanders) ..	16116	21 Mar. ..	57	9 July.*
Leighton, H. E., Wellington, N.Z. Smoke-consumer and heat-economizer. (H. Sanders) ..	16117	21 Mar. ..	57	9 July.*
Lentz, D. H., Joliet, U.S.A. (See Foreign McKenna Process Company, No. 16816.)				
Lindback, F. G., Wellington, N.Z. Oil-can nozzle. (D. Fisher) ..	16670	22 July ..	63	6 Aug.*
Lindsay, J., Burnside, N.Z. Rabbit-crate ..	15367	8 Sept., 1902 ..	60	23 July.
Lindsay, J., Dunedin, N.Z. Dust, draught, and rain excluder ..	16651	17 July ..	63	6 Aug.*
Lochhead, J., Dunsandel, N.Z. Gripping-device ..	16903	2 Sept. ..	74	17 Sept.*
Lodge, J. G., Darlington, N.S.W. Window-sash support. (G. Barnes) ..	16868	27 Aug. ..	..	..
Longshaw, T. H., and another, Sydney, N.S.W. Latch-lock ..	16911	4 Sept. ..	74	17 Sept.*
Longton, J., Christchurch, N.Z. Float for milk-can ..	16968	12 Sept. ..	78	1 Oct.*
Loose, M. E., Napoleon, U.S.A. (See R. L. and D. Adams, No. 16666.)				
Lorie, A. F. W., Dunedin, N.Z. Sash-fastener ..	16418	29 May ..	70	3 Sept.
Love, S. E., and another, Gre Gre Village, Vic. Clamp for handling vessel ..	16930	9 Sept. ..	78	1 Oct.
Lowe, C. H., Auckland, N.Z. Horse-shoeing lever ..	16799	8 Aug. ..	70	3 Sept.*
Lowe, C. E., Motueka, N.Z. Sulphurising fruit ..	16996	18 Sept. ..	78	1 Oct.*
Lungley, C. F., Albert Park, Vic. Manufacture of iron ..	16975	15 Sept. ..	78	1 Oct.*
Lyles, J. W., Christchurch, N.Z. Trap for sumps ..	16959	12 Sept. ..	78	1 Oct.*
Lyons, T. A., Wanganui, N.Z. Game ..	17009	21 Sept. ..	..	..
Macdonald, D. C., Campbelltown, N.Z. Treating oats, &c. ..	17033	29 Sept. ..	84	29 Oct.
Mack, J. B., Wellington, N.Z. Toy. (T. Incrocchi) ..	16867	27 Aug. ..	74	17 Sept.*
Mackay, H., and another, Martinborough, N.Z. Siphon ..	16659	18 July ..	66	20 Aug.
Mackay, J., and another, Nelson, N.Z. Ambulance ..	16927	5 Sept. ..	..	..
Mackie, J., Auckland, N.Z. Register grate ..	15480	3 Oct., 1902 ..	60	23 July.
Mackie, J., Auckland, N.Z. Cuff-protector ..	16997	18 Sept. ..	..	..
Mackie, J. J., Auckland, N.Z. Steam-engine ..	16624	8 July ..	63	6 Aug.*
Maepherson, D., and another, Heddon Bush, N.Z. Spark-arrester ..	16826	20 Aug. ..	70	3 Sept.*
Mainland, H. L., Dunedin, N.Z. Cuff-fastener ..	16448	18 Aug. ..	70	3 Sept.
Malden, A., and another, London, Eng. Agglomerating ore ..	15514	16 Oct., 1902 ..	57	9 July.
Malden, W. J., and another, Hollesley Bay, Eng. Agglomerating ore ..	15514	16 Oct., 1902 ..	57	9 July.
Mansfield, A., North Fitzroy, Vic. (See H. S. Hayling, No. 16643.)				
Manning, H., London, Eng. Sewing-machine ..	16747	5 Aug. ..	70	3 Sept.
Manson, H. J., Palmerston North, N.Z. Tramway and railway door ..	16611	10 July ..	60	23 July.*
Marshall, J., Grey Valley, N.Z. Saddle and collar for horses ..	16725	31 July ..	66	20 Aug.*
Martin, A. W., Dunedin, N.Z. Hernial appliance ..	16688	25 July ..	66	20 Aug.
Martin, G. P., Kelso, N.Z. Animal-cover fastening ..	16687	20 July ..	66	20 Aug.
Mason, F., Auckland, N.Z. Substitute for beeswax ..	16700	25 July ..	66	20 Aug.*
Mason, R. H., Gisborne, N.Z. Soldering-tool ..	16597	2 July ..	60	23 July.*
Mason, R. H., Auckland, N.Z. Undersleeve-fastener ..	16727	29 July ..	66	20 Aug.*
Maurer, L., Nuremberg, Germany. (See W. E. Hughes, Nos. 16719 and 16720.)				
Maxted, T. & A. C., Blenheim, N.Z. Close-seat ..	16847	21 Aug. ..	74	17 Sept.
May, T. W., Auckland, N.Z. Flush-tap ..	16600	8 July ..	63	6 Aug.*
Mayo, B. F., Salem, U.S.A. (See United Shoe Machinery Company, No. 15650.)				
McAlpine, E. C., Woolston, N.Z. Poultry-nest ..	16741	1 Aug. ..	70	3 Sept.*
McCulloch, R. A., and another, Invercargill, N.Z. Toasting-fork and grid ..	16593	1 July ..	60	23 July.
McCurdie, W. D. R., Dunedin, N.Z. Corking bottles ..	17004	17 Sept. ..	81	15 Oct.*
McDonald, A., Taieri, N.Z. Vat-churn ..	16970	10 Sept. ..	81	15 Oct.
McDonald, S., and another, Gore, N.Z. Connecting shoe to treadle of cycle ..	16660	18 July ..	63	6 Aug.*
McDonough, T., Richmond, Bourke, Vic. Oil-lamp ..	16823	20 Aug. ..	74	17 Sept.
McKay, J., Cape Town, Cape Colony. (See G. G. Turri, No. 16740.)				
McKenney, J., Cowra, N.S.W. Ploughing-implement ..	16923	3 Sept. ..	74	17 Sept.*
McKenzie, D., Dunedin, N.Z. Slate-pencil sharpener ..	16586	1 July ..	60	23 July.*
McKenzie, D., Auckland, N.Z. Wire-coiler and spindle ..	16595	2 July ..	60	23 July.*
McKirdy, J. W., Dunedin, N.Z. Saving gold ..	16924	7 Sept. ..	74	17 Sept.*
McLellan, D., Nelson, N.Z. Operating fishing-net ..	16845	21 Aug. ..	70	3 Sept.*
McLellan, R. M., Dunedin, N.Z. Calendar ..	16787	7 Aug. ..	70	3 Sept.*
McLeod, A., Auckland, N.Z. Burner and heater ..	16925	8 Sept. ..	74	17 Sept.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
McLeod, W., Woodbury, N.Z. Spreader for leading-chain ..	16922	5 Sept. ..	74	17 Sept.*
McMeeking, J. P., and another, Melbourne, Vic. Crate for cheese ..	16834	19 Aug. ..	70	3 Sept.*
McNeill, H., and another, Sydney, N.S.W. Water-lift ..	16990	17 Sept. ..	..	..
McPharlin, A. J., Auckland, N.Z. Catching gum ..	16879	28 Aug. ..	74	17 Sept.*
McPharlin, A. J., Auckland, N.Z. Cutting incisions in kauri-trees ..	16928	8 Sept. ..	78	1 Oct.*
McRae, W. J., and another, John Bull Creek, Vic. Clamp for handling vessel ..	16930	9 Sept. ..	78	1 Oct.
McTear, B. F., and another, Rainhill, Eng. Manufacture of tubes ..	16782	12 Aug. ..	70	3 Sept.
Meinung, H. M., Dunedin, N.Z. Utilising tidal water ..	16710	30 July ..	66	20 Aug.*
Melville, J., Dunedin, N.Z. Plating steel ..	16684	21 July ..	66	20 Aug.*
Menesdorfer, A., Melbourne, Vic. Coriaceous material ..	16886	28 Aug. ..	74	17 Sept.
Merton, T. D., Spottiswoode, Vic. Ore-roasting furnace ..	16899	2 Sept. ..	78	1 Oct.
Meyers, J. J., and others, San Francisco, U.S.A. Deep-well pump. (G. C. Richards) ..	17049	29 Sept. ..	84	29 Oct.
Millar, C. R. M., and others, Roodeport, South Africa. Forging and sharpening drills ..	15852	9 Jan. ..	60	23 July.
Millar, J. H., Gore, N.Z. Sowing turnip-seed ..	16938	10 Sept. ..	78	1 Oct.*
Millar, R., Dunedin, N.Z. Wave-motor ..	16645	11 July ..	63	6 Aug.*
Millar, R., Dunedin, N.Z. Wave-motor ..	16646	11 July ..	63	6 Aug.*
Miller, E. H., and another, London, Eng. (See W. E. Hughes, No. 15780.) ..	..	..	..	..
Miller, J., Dunedin, N.Z. Pictorial wrapper ..	16733	30 July ..	..	..
Millsom, T. C., St. Kilda, Vic. Cure of deafness ..	16750	5 Aug. ..	74	17 Sept.
Mitchell, A., Wanganui, N.Z. Medicine ..	16900	2 Sept. ..	74	17 Sept.
Montalk, De. (See under De.) ..	..	..	..	..
Monteath, W., South Melbourne, Vic. Flushing-cistern ..	16794	13 Aug. ..	70	3 Sept.
Moore, G., Mercur, U.S.A. Filter ..	16837	19 Aug. ..	74	17 Sept.
Moore, M., and another, Melbourne, Vic. Treating ore ..	16963	9 Sept. ..	78	1 Oct.*
Moore, W., and another, Invercargill, N.Z. Toasting-fork and grid ..	16593	1 July ..	60	23 July.*
Morgan, W. R., Wanganui, N.Z. Staple-drawer and wire-cutter ..	16574	1 July ..	63	6 Aug.
Morris, T., Mornington, N.Z. Waterproof ..	16749	1 Aug. ..	66	20 Aug.*
Moss, A. E., Dunedin, N.Z. Electrical-floor contact ..	16838	19 Aug. ..	70	3 Sept.*
Moss, G. H., jun., Hokitika, N.Z. Inner tire of cycles, &c. ..	17011	22 Sept. ..	81	15 Oct.*
Moulton, H. R., and others, London, Eng. Steam-engine ..	16862	21 Aug. ..	74	17 Sept.
Muller, J., Dunedin, N.Z. Hinge-strap, &c. ..	16685	21 July ..	66	20 Aug.*
Murray, A. C., Cromwell, N.Z. (See A. J. Park, No. 16592.) ..	..	..	..	..
Napier, T., Hororata, N.Z. Boot-cleaning and knife-polishing machine ..	15859	9 Jan. ..	66	20 Aug.
New Inverted Incandescent Gas-lamp Company, Limited, London, Eng. Gas-burner. (A. Farkas) ..	17040	30 Sept. ..	84	29 Oct.
Nicolson, S., and another, Gore, N.Z. Bicycle-tire ..	16956	10 Sept. ..	81	15 Oct.*
Nicolson, S., Gore, N.Z. Tire-remover ..	15659	20 Nov., 1902..	60	23 July.
Nicolson, S., Gore, N.Z. Attaching postage-stamps ..	16939	10 Sept. ..	74	17 Sept.*
Nielsen, C. W., Wellington, N.Z. Food product. (F. Bunyan) ..	16751	6 Aug. ..	70	3 Sept.
Norrie, R., Rangoon, British Burmah. Metal-punching machine ..	16904	3 Sept. ..	78	1 Oct.
North, B., Manningham, Eng. Electricity-meter ..	16937	17 Sept. ..	..	..
Norton, G. M., and another, Coburg, Vic. Steam-generator ..	16795	13 Aug. ..	70	3 Sept.
Nunneley, K., Rotorua, N.Z. Bedstead ..	16882	29 Aug. ..	74	17 Sept.*
Nurnberger Motor-Fahrzeuge-Fabrik "Union" G.m.b.H., Nuremberg, Germany. (See W. E. Hughes, Nos. 16719 and 16720.) ..	..	..	..	..
Nuttall, W. T., Wanganui, N.Z. (See W. E. Hughes, No. 16873.) ..	..	..	..	..
Nuttall, W. T., and another, Wanganui, N.Z. Trouser-stretcher ..	16698	28 July ..	66	20 Aug.
Nuttall, G., Blackball, N.Z. Inflatable jacket ..	15761	15 Dec., 1902..	66	20 Aug.*
Oakden, F., and another, Dunedin, N.Z. Car-fender ..	16631	13 July ..	63	6 Aug.*
Oakley, W. E., Millbury, U.S.A. Electric railroad ..	17003	17 Sept. ..	81	15 Oct.
Ockleston, J. S., and others, Auckland, N.Z. Clay pipe ..	16852	25 Aug. ..	74	17 Sept.*
Ockleston, W., and others, Auckland, N.Z. Clay pipe ..	16852	25 Aug. ..	74	17 Sept.*
Ockleston and Co., J. and W., Auckland, N.Z. (See J. S. and W. Ockleston, H. Clark, and A. Dorricott, No. 16852.) ..	..	..	..	..
Ornstien, F. S., Kensington, Vic. Tire-cover ..	15703	29 Nov., 1902..	74	17 Sept.
Osborne, G., Tinwald, N.Z. Drill, horse-hoe, and ridger ..	16606	9 July ..	78	1 Oct.
Owens, M. J., Toledo, U.S.A. (See The Toledo Glass Company, No. 16630.) ..	..	..	..	..
Padfield, W. A., and another, Exeter, Eng. (See W. E. Hughes, No. 16678.) ..	..	..	..	..
Park, J. R., Dunedin, N.Z. Stencil-plates. (A. J. Park) ..	16890	27 Aug. ..	74	17 Sept.*
Park, A. J., Dunedin, N.Z. Adult's and child's chair. (A. C. Murray) ..	16592	2 July ..	63	6 Aug.
Park, A. J., Dunedin, N.Z. (See J. R. Park, No. 16890.) ..	..	..	..	..
Park, T. M., Darrington, U.S.A. Loading-device ..	16142	26 March ..	66	20 Aug.
Parlour, S. C., and another, Morrinsville, N.Z. Flax-drum ..	16919	3 Sept. ..	74	17 Sept.*
Passow, H., Hamburg, Germany. Treatment of slag ..	16853	26 Aug. ..	74	17 Sept.
Paterson, J., and another, Gisborne, N.Z. Wringer-draining apparatus ..	15474	1 Oct., 1902..	60	23 July.
Paterson, R., Balclutha, N.Z. Actuating wheels of ploughs ..	16580	3 July ..	60	23 July.*
Patterson, J. H., Aldershot, Eng. Rifle-carrier ..	17027	24 Sept. ..	87	12 Nov.
Paul, T. T., and another, Dunedin, N.Z. Account-book ..	15911	24 Jan. ..	63	6 Aug.
Pearce, B. A. A., Invercargill, N.Z. Wire-strainer ..	16722	31 July ..	66	20 Aug.*
Pearce, B. A. A., Invercargill, N.Z. Wire-strainer ..	16674	23 July ..	63	6 Aug.*
Pearson, W. H., and another, Dunedin, N.Z. Shot-making machinery ..	16628	9 July ..	63	6 Aug.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Peek, W. B., and another, Auckland, N.Z. Kettle ..	17087	24 Sept.	81	15 Oct.*
Percival, W. T., Peshurst, N.S.W. (See J. Channon, No. 16948.)				
Peters, W., and another, Dunedin, N.Z. Shot-making machinery..	16628	9 July	63	6 Aug.
Peto, W., and another, London, Eng. Secondary battery ..	16708	29 Jan.†	66	20 Aug.
Pike, A. S., Wellington, N.Z. Driving-belt and rope tightener ..	15747	11 Dec., 1902	70	3 Sept.
Planters Compress Company, Boston, U.S.A. Press-feeding mechanism. (W. M. Rheem)	16702	29 July	66	20 Aug.
Poe, D. A., and another, Montreal, Canada. Linotype machine ..	16744	5 Aug.	70	3 Sept.
Poetter, H., Dortmund, Germany. Safety explosive ..	16790	7 Aug.	70	3 Sept.
Polson, R. D., Bendigo, N.Z. Sheep-shears ..	16788	8 Aug.	70	3 Sept.*
Pool, A. J., and another, Gisborne, N.Z. Wringer-draining apparatus	15474	1 Oct., 1902	60	23 July.
Porteous, W. P., Sawyer's Bay, N.Z. Table golf ..	16636	16 July	63	6 Aug.*
Porter, B., Eketahuna, N.Z. Ventilator for waterproof ..	16675	23 July	63	6 Aug.*
Potter, F. S., Auckland, N.Z. Vehicle-springs ..	15144	17 July, 1902	57	9 July.
Pratt, C. P., Old Junee, N.S.W. Threshing-machine ..	16872	27 Aug.	74	17 Sept.*
Priddle, A., and another, Blenheim, N.Z. Tent ..	16937	10 Sept.	81	15 Oct.
Purser, A., and others, Roodeport, South Africa. Forging and sharpening drills	15852	9 Jan.	60	23 July.
"Pyrojim" Syndicate, Limited, The, and another, London, Eng. Fuel. (J. M. Jameson)	15653	19 Nov., 1902..	70	3 Sept.
Quennell, C., London, Eng. (See W. E. Hughes, No. 15780.)				
Quertier, H., Gore, N.Z. Excavating-machine ..	15586	31 Oct., 1902 ..	66	20 Aug.
Quertier, H., Dunedin, N.Z. Excavating-machine ..	16712	30 July	66	20 Aug.
Raleigh, M., Sydney, N.S.W. (See W. Brown, No. 16946.)				
Rask, C., and another, Invercargill, N.Z. Travelling race ..	16627	8 July	63	6 Aug.*
Rayward, H. H., and another, Wellington, N.Z. Bottle-closure. (W. Weddel—J. Thompson)	16929	9 Sept.	78	1 Oct.
Reeves, A. E., Mataura, N.Z. Scutching-machine ..	15710	29 Nov., 1902..	74	17 Sept.
Reeves Patent Filters Company, Limited, The, London, Eng. Filter. (W. Reeves)	16861	21 Aug.	74	17 Sept.
Reeves, W., Belfast, Ireland. (See The Reeves Patent Filters Company, Limited, No. 16861.)				
Reference Company, Limited, The, Sydney, N.S.W. Medicine. (E. E. Affleck)	16942	10 Sept.	81	15 Oct.
Regenerated Cold Air Company, Boston, U.S.A. Treating air. (F. White)	16808	15 Aug.	70	3 Sept.
Reid, J., Herbert, N.Z. Preventing shear-blades from crossing ..	15976	10 Feb.	70	3 Sept.
Reid, J. S., Prebbleton, N.Z. Milk-cooler ..	16855	25 Aug.	74	17 Sept.*
Reid, T. H., South Dunedin, N.Z. Collecting fares ..	16705	29 July	74	17 Sept.*
Renner, G., and another, Kaikoura, N.Z. Signalling for railways ..	16612	10 July	60	23 July.*
Rennerfelt, T. G., New York, U.S.A. Liquid-separator ..	16804	12 Aug.	70	3 Sept.
Restell, R. B., Hamilton, N.Z. Seed-drill ..	16235	16 April	63	6 Aug.
Restorck, E. J., Melbourne, Vic. Attachment to bedstead ..	16714	30 July	..	..
Reynolds, H., Christchurch, N.Z. Race-starting machine ..	17001	17 Sept.	81	15 Oct.
Rheem, W. M., Boston, U.S.A. (See Planters Compress Company, No. 16702.)				
Richards, P. B., and others, Katamatite, Vic. Wire-strainer ..	16796	14 Aug.	81	15 Oct.
Richards, G. C., Oakland, U.S.A. (See J. J. Meyers, C. F. Humphrey, and J. E. Sills, No. 17049.)				
Richardson, G. E., Thebarton, S.A. Railway-coupling ..	16967	14 Sept.	81	15 Oct.
Riches, A., Ladbroke, N.Z. Preventing froth in receptacles for milk	17025	24 Sept.	81	15 Oct.*
Ricono, D., Fremantle, W.A. Chronometer, &c. ..	17012	23 Sept.	81	15 Oct.*
Roberts, F. P., Bendigo, Vic. Butter-cutter ..	16972	14 Sept.	78	1 Oct.*
Roberts, L., Dunedin, N.Z. Chart for cutting skirt-patterns ..	17023	23 Sept.	81	15 Oct.
Roberts, L., Dunedin, N.Z. Tracer for dress-cutting ..	17024	23 Sept.	81	15 Oct.
Roberts, T., Nelson, N.Z. Window ..	15546	21 Oct., 1902 ..	60	23 July.
Robertson, D. M., Christchurch, N.Z. Totalisator ..	16958	11 Sept.	78	1 Oct.*
Robertson, E. L., Wellington, N.Z. Egg-carrier ..	16791	13 Aug.	70	3 Sept.*
Robertson, J., Waitati, N.Z. Tail-grip for cattle, &c. ..	16985	11 Sept.	78	1 Oct.*
Robertson, J., Maheno, N.Z. Ditch-plough ..	15588	29 Oct., 1902 ..	74	17 Sept.
Robertson, R. E., Christchurch, N.Z. Adjusting slack of railway-brake	15708	2 Dec., 1902..	78	1 Oct.
Robinson, H. W. G., Dunedin, N.Z. Method of drain-inspection ..	16864	21 Aug.	78	1 Oct.
Robinson, W. S., and another, Invercargill, N.Z. Securing ribs of umbrella	16650	17 July	63	6 Aug.*
Robson, R. H., and another, Waiouru, N.Z. Safety saddle-stirrup bar	16768	7 Aug.	70	3 Sept.
Rodgers, J. T., Makikihi, N.Z. Dressing flax ..	16965	10 Sept.	78	1 Oct.*
Rose, S. A. M., and others, Melbourne, Vic. Separation of milk and cream	16731	31 July	66	20 Aug.*
Rosenthal, S. A., London, Eng. (See P. Castle and R. Dawson, No. 16860.)				
Ross, A. J., Kihikihi, N.Z. Securing roofing on stacks ..	16614	10 July	60	23 July.*
Ross, G., Dunedin, N.Z. Circular flue for register grate ..	16587	1 July	60	23 July.*
Ross, P. B., New Plymouth, N.Z. Spring stirrup-iron ..	17034	29 Sept.	81	15 Oct.*
Rouse, T., and another, London, Eng. Converting ironsand into briquettes	16978	16 Sept.	78	1 Oct.*
Rountree, A., and others, South Rakaiia, N.Z. Socket for broom-handle	16856	25 Aug.	74	17 Sept.*
Russell, J. J., Milton, N.S.W. (See J. Channon, No. 16753.)				
Sander, G. E. C. F., Westport, N.Z. Gate-latch ..	17038	29 Sept.	81	15 Oct.*

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

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

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

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

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

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

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 30TH SEPTEMBER, 1903.

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

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Account-book, Loose-leaf ..	T. Foster and T. T. Paul ..	15911	24 Jan. ..	63	6 Aug.
Accumulator ..	W. and E. Brain ..	17061	30 Sept. ..	84	29 Oct.*
Acetylene-generator ..	R. Aiken and W. Cogley ..	16752	6 Aug. ..	66	20 Aug.*
Acetylene-generator ..	F. W. Smith ..	17031	29 Sept. ..	81	15 Oct.*
Advertising appliance ..	P. J. Jackson ..	16608	9 July ..	78	1 Oct.
Advertising medium ..	F. H. Hatherley and G. N. H. Johnston	16995	18 Sept. ..	81	15 Oct.
Agglomerating ore ..	A. and W. J. Malden ..	15514	16 Oct., 1902	57	9 July.*
Air from cans, Exhausting ..	W. Stevenson ..	16591	6 July ..	..	..
Air, Treating ..	Regenerated Cold Air Company..	16808	15 Aug. ..	70	3 Sept.
Amalgamating ores ..	H. Jones ..	16797	14 Aug. ..	70	3 Sept.*
Ambulance ..	J. Mackay and F. W. Hamilton..	16927	5 Sept. ..	..	..
Anchor, Sea and surf ..	J. C. Voss ..	16762	5 Aug. ..	66	20 Aug.*
Animal-cover ..	A. Thompson ..	16889	27 Aug. ..	74	17 Sept.*
Animal-cover, Fastening ..	G. P. Martin ..	16687	20 July ..	66	20 Aug.
Animal-trap ..	L. Gaitt ..	16655	15 July ..	63	6 Aug.*
Animal-trap ..	R. S. Black ..	15487	3 Oct., 1902	70	3 Sept.
Anti-friction device for plane ..	A. L. Cummings ..	16691	27 July ..	66	20 Aug.
Artificial flower for window display	F. L. Carr ..	16748	5 Aug. ..	66	20 Aug.*
Artificial stone ..	N. Borchardt ..	16912	4 Sept. ..	78	1 Oct.
Bailing and unbailing cows ..	W. V. Hosking ..	15700	29 Nov., 1902	78	1 Oct.
Ballast-raising, &c., Machine for ..	H. Quertier ..	15586	31 Oct., 1902	66	20 Aug.
Ballast-raising, &c., Machine for ..	H. Quertier ..	16712	30 July ..	66	20 Aug.
Ball-valve ..	W. Wallace ..	16952	10 Sept. ..	78	1 Oct.
Bar and stop for mitre-cutter ..	R. Dunne ..	16662	16 July ..	63	6 Aug.*
Barbed-wire recoiler and uncoiler	W. A. Taylor ..	16840	22 Aug. ..	70	3 Sept.*
Bath salt, Mineral-water- ..	T. Dawes ..	16920	2 Sept. ..	74	17 Sept.*
Batten, Fencing- ..	J. Wright ..	16774	6 Aug. ..	70	3 Sept.*
Battery. (See Electrical battery, Secondary battery.)					
Bedstead ..	K. Nunneley ..	16882	29 Aug. ..	74	17 Sept.*
Bedstead attachment ..	E. J. Restorek ..	16714	30 July ..	..	..
Beeswax, Composition substitute for ..	F. Mason ..	16700	25 July ..	66	20 Aug.*
Belt-fastener ..	T. and M. J. Kilkelly ..	16810	14 Aug. ..	70	3 Sept.*
Bevel joints ..	R. Wales ..	17006	17 Sept. ..	84	29 Oct.*
Bicycle. (See also Cycle.)					
Bicycle-driving mechanism ..	Ah Pat ..	16579	3 July ..	60	23 July.*
Bicycle-lock ..	A. M. Legge ..	16850	24 Aug. ..	70	3 Sept.*
Bicycle-tire ..	E. A. Dane and R. P. Gibbons ..	16829	17 Aug. ..	70	3 Sept.*
Bicycle-tire ..	J. Turnbull and S. Nicolson ..	16956	10 Sept. ..	81	15 Oct.*
Bicycle-tire ..	G. H. Moss, jun. ..	17011	22 Sept. ..	81	15 Oct.*
Bill-file ..	A. L. Heighton ..	16771	6 Aug. ..	70	3 Sept.*
Billiard and dining table combined	C. J. Duffy ..	16690	27 July ..	66	20 Aug.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Billiard and dining table combined ..	H. U. Alcock	17018	19 Sept. ..	81	15 Oct.*
Bird-trap	J. Carlyle	16575	1 July ..	63	6 Aug.
Blackboard and desk combined ..	J. H. Fuller	16876	25 Aug. ..	74	17 Sept.*
Blight-destroyer	W. J. Botting	15538	22 Oct., 1902	60	23 July.
Blind, Venetian	M. Kimbel	16880	27 Aug. ..	74	17 Sept.*
Boat, Scow and surf-Boiler	J. Shepherd	16732	28 July ..	66	20 Aug.*
Boiler	F. F., L. B., A. C., and H. W. Coulsell	15677	25 Nov., 1902	70	3 Sept.
Boiler-covering and wall-plaster ..	R. L. and D. Adams ..	16666	21 July ..	66	20 Aug.
Boiler-furnace	H. E. Leighton	16116	21 March ..	57	9 July.*
Boiler, Portable	J. Bates	16661	18 July ..	63	6 Aug.*
Boiler-tube cleaner	J. M. Ahern	17021	25 Sept. ..	81	15 Oct.*
Boiler, Washing	H. W. de Baugh	16609	6 July ..	60	23 July.*
Bonedust, Sterilising	W. Barnsdale	16800	14 Aug. ..	74	17 Sept.*
Book. (See Account-book, Day-book.)					
Booklet and correspondence wallet ..	E. R. Wheeler	17007	18 Sept. ..	81	15 Oct.*
Boot-cleaner and knife-polisher ..	T. Napier	15859	9 Jan. ..	66	20 Aug.
Boot-fastener	W. Beamish	16681	20 July ..	66	20 Aug.*
Boot-fastening	E. Sprey	15744	11 Dec., 1902	70	3 Sept.
Boot sole and heel	T. Burrell	16898	2 Sept. ..	78	1 Oct.
Boot soles and heels	W. Bennet	16954	7 Sept. ..	78	1 Oct.
Boots, Cleaning and polishing ..	B. Blick	16708	30 July ..	66	20 Aug.*
Boots, Rounding and trimming soles of ..	United Shoe Machinery Company	15650	19 Nov. ..	66	20 Aug.
Boots, Watertight	G. Foster	16590	4 July ..	63	6 Aug.
Borer, Post-hole	A. Currie and R. Anderson ..	16916	4 Sept. ..	78	1 Oct.*
Bottle, Corking, to prevent reuse ..	W. D. R. McCurdie	17004	17 Sept. ..	81	15 Oct.*
Bottle, Non-refillable	M. Kimbel	16858	24 Aug. ..	74	17 Sept.*
Bottle, Non-refillable	J. Whitelaw	17042	28 Sept. ..	84	29 Oct.
Bottle, Sprinkler for	G. L. Cole	16742	5 Aug. ..	66	20 Aug.*
Bottle-stopper	R. Dunne	17030	25 Sept. ..	81	15 Oct.*
Bottle, Unrefillable	W. L. Davidson	15554	27 Oct., 1902	66	20 Aug.
Bottles, Sealing	E. S. Baldwin and H. H. Rayward	16929	9 Sept. ..	78	1 Oct.
Brake-adjuster	R. E. Robertson	15708	2 Dec., 1902	78	1 Oct.
Brake for dray	H. Honnor and J. Bruce ..	16689	23 July ..	66	20 Aug.
Brick-kiln	J. D. Wilson	16641	16 July ..	66	20 Aug.
Bridge, Tension	F. Lambert	16577	3 July ..	66	20 Aug.*
Briquettes of ironsand	T. Rouse and H. Cohn ..	16978	16 Sept. ..	78	1 Oct.*
Brooch-pin	A. S. Dewhirst	16833	21 Aug. ..	70	3 Sept.*
Broom-handle, Making taper in ..	T. W. Coulthard	16974	15 Sept. ..	81	15 Oct.*
Broom-handle socket	R. M. Speirs, H. L. Wilson, and A. Rowntree	16856	25 Aug. ..	74	17 Sept.*
Brush	J. Ford	17016	19 Sept. ..	84	29 Oct.*
Brush-handle	D. G. Vaughan	16951	10 Sept. ..	78	1 Oct.*
Brush, Tooth, nail, &c.	H. E. Crease and W. Williams ..	16778	11 Aug. ..	70	3 Sept.*
Bucket and suction dredge	R. Andrew	16931	11 May†	78	1 Oct.
Bucket dredge	C. A. Ulrich	16878	28 Aug. ..	74	17 Sept.
Buildings, Construction of	W. I. Wiltshire	16694	28 July ..	66	20 Aug.*
Buildings, Heating	M. Arragon	16640	16 July ..	66	20 Aug.
Buildings, Securing spouting to walls of ..	R. Ginsberg	16773	10 Aug. ..	70	3 Sept.*
Burner, Liquid-fuel	A. E. Johnstone	16745	5 Aug. ..	66	20 Aug.*
Burner	P. Castle and R. Dawson ..	16860	26 Aug. ..	74	17 Sept.*
Burner	A. McLeod	16925	3 Sept. ..	74	17 Sept.*
Burner. (See also Gas-burner.)					
Butter-cutter	F. P. Roberts	16972	14 Sept. ..	78	1 Oct.*
Butter-cutting machine, Rotary gauge for ..	G. T. Allnutt and W. E. Lake ..	16835	19 Aug. ..	70	3 Sept.*
Butter-printer	H. C. Whitmore	17035	26 Sept. ..	81	15 Oct.*
Cake-tin	E. A. Allan	16585	1 July ..	60	23 July.*
Calculating quantity of seed sown ..	F. Burn and W. C. Harkness ..	16827	20 Aug. ..	70	3 Sept.*
Calendar	R. McK. McLennan	16787	7 Aug. ..	70	3 Sept.*
Calves, Dehorning	F. H. Blundell	16792	13 Aug. ..	70	3 Sept.*
Can. (See Oil-can.)					
Canal, Ship-	F. Lambert	16578	3 July ..	66	20 Aug.*
Candlestick	J. A. Berg	16604	7 July ..	63	6 Aug.*
Canister for sowing seed	E. Bowmar	15604	5 Nov., 1902	66	20 Aug.
Cans, Exhausting air from	W. Stevenson	16591	6 July ..	..	..
Car	W. A. Young	16779	11 Aug. ..	78	1 Oct.*
Carburetter	W. B. Walters	16726	1 Aug. ..	66	20 Aug.*
Card-case	J. B. Hooper	16777	11 Aug. ..	70	3 Sept.*
Car-fender	F. Oakden and W. G. T. Goodman	16631	13 July ..	63	6 Aug.*
Carriage-seat	A. Ashcroft and S. Clark ..	16905	29 Aug. ..	74	17 Sept.*
Carrying running line along standing line ..	W. Beamish	16983	11 Sept. ..	78	1 Oct.*
Case, Letter, &c.	J. B. Hooper	16777	11 Aug. ..	70	3 Sept.*
Castor	W. Bain	15764	15 Dec., 1902	74	17 Sept.
Castor	W. Seavill	16736	31 July ..	66	20 Aug.*
Castrating lambs	E. H. Wilhelm	16780	14 April ..	70	3 Sept.
Catch for hauling-engine drum ..	S. H. Wicksteed	16264	24 April ..	63	6 Aug.
Cattle, Feeding	J. C. W. Thompson and J. H. Smith	16803	12 Aug. ..	70	3 Sept.*
Caustic soda, Manufacture of	C. E. Dolbear	17050	29 Sept. ..	84	29 Oct.
Cement bricks	A. H. Krause	16914	4 Sept. ..	74	17 Sept.*
Chaff and corn cutter	E. F. J. Grigg	16686	24 July ..	66	20 Aug.*
Chains, Spreader for leading- ..	W. McLeod	16922	5 Sept. ..	74	17 Sept.*
Chair	A. J. Park	16592	2 July ..	63	6 Aug.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

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

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cycle, Steering-head for Cycle. (See also Bicycle.)	F. W. Harradence	16734	3 Aug.	66	20 Aug.*
Day-book, &c.	J. S. J. Alpass	17008	21 Sept.	81	15 Oct.*
Deafness, Cure of	T. C. Millsom	16750	5 Aug.	74	17 Sept.*
Deep-sinking and prospecting machine	H. A. Scott	16608	4 July	60	23 July.*
Deep-well pump	J. J. Meyers, C. F. Humphrey, J. E. Sills	17049	29 Sept.	84	29 Oct.
Dehorning calves	F. H. Blundell	16792	13 Aug.	70	3 Sept.*
Dining and billiard table	H. U. Alcock	17018	19 Sept.	81	15 Oct.*
Disc-plough	F. A. Brand	15925	30 Jan.	74	17 Sept.
Ditch-plough	C. C. Kidd and P. Kilkelly	16813	14 Aug.	70	3 Sept.*
Ditch-plough	J. Robertson	15588	29 Oct., 1902	74	17 Sept.
Door-check	R. W. Gibbs	16584	2 July	..	..
Door-closing device	R. Wales	16955	7 Sept.	78	1 Oct.*
Door, Dust, &c., excluder for	J. Lindsay	16651	17 July	63	6 Aug.*
Door-lock	T. H. Longshaw and W. J. Adams	16911	4 Sept.	74	17 Sept.*
Door, Stop for window and	H. J. Weeks	16696	28 July	66	20 Aug.
Door, Tramway and railway	H. J. Manson	16611	10 July	60	23 July.*
Double ridger	J. Dickison, jun.	16802	14 Aug.	70	3 Sept.*
Drain-inspection	H. W. G. Robinson	16864	21 Aug.	78	1 Oct.
Draining-apparatus for clothes-wringer	J. Paterson and A. J. Pool	15474	1 Oct., 1902	60	23 July.
Draught-excluder for door	J. Lindsay	16651	17 July	63	6 Aug.*
Draught-regulator door for register grate	J. Mackie	15480	3 Oct., 1902	60	23 July.
Drawing-board, easel, and T square	E. Gillow	16969	12 Sept.	78	1 Oct.*
Drawing off liquids	T. H. Ibbotson	16112	20 March	70	3 Sept.*
Dray, Brake for	H. Honnor and J. Bruce	16689	23 July	66	20 Aug.
Dredge-bucket	C. A. Ulrich	16878	28 Aug.	74	17 Sept.
Dredge-bucket, Rebusing	W. Beamish	16821	17 Aug.	70	3 Sept.*
Dredge, Suction and bucket	R. Andrew	16931	11 May†	78	1 Oct.
Dredging-machine	B. F. Dunn	16770	5 Aug.	66	20 Aug.*
Dredging-screen	P. W. Hambleton, D. Williams, and J. Duncan	16842	22 Aug.	74	17 Sept.*
Dress-cutting, Tracer for	L. Roberts	17024	23 Sept.	81	15 Oct.
Dried fruit, Cleaning	W. C. Braddock	16602	8 July	60	23 July.*
Drill, Cultivator for	S. R. Stedman	16617	7 July	60	23 July.*
Drill, Horse, hoe, and ridger	G. Osborne	16606	9 July	78	1 Oct.
Drill, Seed-	R. B. Restell	16235	16 April	63	6 Aug.
Drilling, Clinostat for deep	W. R. Bawden	16613	10 July	60	23 July.*
Driving-belt and rope tightener	A. S. Pike	15747	11 Dec., 1902	70	3 Sept.
Driving mechanism for bicycle	Ah Pat	16579	3 July	60	23 July.*
Dryer, Tubular	E. Seagar	16642	16 July	63	6 Aug.*
Dry separation of ores	T. A. Edison	16621	8 July	63	6 Aug.*
Duplicate order-pad	T. B. Crawshaw	16999	18 Sept.	78	1 Oct.*
Dust, &c., excluder	E. J. Ellerm	16976	15 Sept.	78	1 Oct.*
Dust, &c., excluder for door	J. Lindsay	16651	17 July	63	6 Aug.*
Dustproof attachment for watch	A. Campbell	16881	28 Aug.	74	17 Sept.*
Easel, drawing-board, and square	E. Gillow	16969	12 Sept.	78	1 Oct.
Easy-chair	C. T. Kiernan	16805	13 Aug.	70	3 Sept.*
Egg-carrier	E. L. Robertson	16791	13 Aug.	70	3 Sept.*
Electric accumulator	W. Peto and J. W. T. Cadett	16703	29 Jan.	66	20 Aug.
Electric battery	W. B. and E. Brain	17061	30 Sept.	84	29 Oct.*
Electric conductor	E. L'E. Barton	15804	23 Dec., 1902	78	1 Oct.
Electric current, Regulating voltage of	J. P. Campbell	16865	27 Aug.	..	..
Electric rail-bond	W. E. Oakley	17003	17 Sept.	81	15 Oct.
Electric-traction system, Stud and fixing for	W. Griffiths and B. H. Bedell	16639	16 July	63	6 Aug.
Electrical-floor contact	A. E. Moss	16838	19 Aug.	70	3 Sept.*
Electrical marine governor	R. J. W. Grasset	16709	30 July	66	20 Aug.*
Electrical milk and cream separator	H. Hunt, S. A. M. Rose, and J. G. Howard	16731	31 July	66	20 Aug.*
Electrical separator for ironsand	R. Howland	16979	16 Sept.	78	1 Oct.*
Electricity-meter	B. North	16987	17 Sept.	..	..
Engine. (See Oil-engine, Rotary engine, Steam-engine.)					
Engine, Catch for drum of hauling-	S. H. Wicksteed	16264	2 April	63	6 Aug.
Engine-silencer	A. C. Baird	16716	29 July	66	20 Aug.*
Engine-silencer	A. C. Baird	16875	25 Aug.	74	17 Sept.*
Envelope-fastener	G. Dempster	16883	28 Aug.	74	17 Sept.*
Escape, Fire-	A. E. Cleaver	15532	18 Oct., 1902	66	20 Aug.
Excavating-machine	H. Quartier	16712	30 July	66	20 Aug.
Excavating-machine	H. Quartier	15586	31 Oct., 1902	66	20 Aug.
Excluder, Dust, &c.	J. Lindsay	16651	17 July	63	6 Aug.*
Excluder, Dust, &c.	E. J. Ellerm	16976	15 Sept.	78	1 Oct.*
Explosive	A. Brock	16601	8 July	63	6 Aug.
Explosive	H. Poetter	16790	7 Aug.	70	3 Sept.
Extinguisher, Lamp lighter or	J. Bergan	16913	4 Sept.	78	1 Oct.
Extinguisher, Spark-	P. H. Shailer	16772	10 Aug.	70	3 Sept.*
Extractor and clarifier for waste products	W. Hicks, F. Williams, and W. Barnsdale	16848	25 Aug.	70	3 Sept.*
Fares, Collecting tramway-	T. H. Reid	16705	29 July	74	17 Sept.*
Fastener. (See Belt-fastener, Boot-fastener, Cuff-fastener, Envelope-fastener, Hat- fastener, Sack mouth fastener, Sash- fastener, Window-fastener.)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

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

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Gate	E. J. Traynor	16801	14 Aug. .. .. .	..	..
Gate-catch	C. L. Hansen	17014	23 Sept.	81	15 Oct.*
Gate-latch	G. E. C. F. Sander	17088	29 Sept.	81	15 Oct.*
Gates, Opening and closing	O. Hansen	16679	24 July	94	10 Dec.
Gauge and tap	A. H. Brownley	16638	16 July	63	6 Aug.
Gauge, Rotary, for butter-cutting machine	G. T. Allnutt and W. E. Lake	16835	19 Aug.	70	3 Sept.*
Generator. (See Acetylene-generator, Steam-generator, Tidal-power generator.)					
Glass, molten, Receptacle for	The Toledo Glass Company	16630	14 July	63	6 Aug.
Glass, Ventilating	H. K. Wilkinson	16982	11 Sept.	78	1 Oct.*
Gold, Raising	J. D. Coomber	16761	4 Aug.	70	3 Sept.
Gold, Saving	J. W. McKirdy	16924	7 Sept.	74	17 Sept.*
Gold-saving dredge	P. Irwin	16707	25 July	66	20 Aug.
Golf, Table	W. P. Porteous	16636	16 July	63	6 Aug.*
Governor, Marine	R. J. W. Grasset	16709	30 July	66	20 Aug.*
Grain and oats, Treating	D. C. Macdonald	17033	29 Sept.	81	15 Oct.
Grate. (See Register grate.)					
Grate-door regulator	J. Mackie	15480	3 Oct.	60	23 July.
Gravel, &c., Loading	R. A. Wilson	16895	1 Sept.	74	17 Sept.*
Grid and toasting-fork	W. Moore and R. A. McCulloch	16593	1 July	60	23 July.*
Gripper for traction-engine wheels	J. Butler and P. Burke	16812	14 Aug.	70	3 Sept.*
Gripping-device	J. Lochhead	16903	2 Sept.	74	17 Sept.*
Guide-chute	R. M. Crosbie	16888	26 Aug.	74	17 Sept.*
Gum boots, Closing leaking holes in	P. J. Brown	16632	13 July	63	6 Aug.*
Gum, Catching, from trees	A. J. McPharlin	16879	28 Aug.	74	17 Sept.*
Guttering-bracket	J. Sanderson	16994	17 Sept.	81	15 Oct.
Gymnasia, hand, Pianists'	A. P. Anderson	16653	17 July	63	6 Aug.*
Hair-cutter	The Wolseley Sheep-shearing Machine Company, Limited, and H. Austin	16909	4 Sept.	78	1 Oct.
Hairpin	C. D. Brent	16986	11 Sept.	81	15 Oct.*
Hairpin	M. Browne	16763	4 Aug.	70	3 Sept.*
Hames and collar	J. Benson	16754	6 Aug. .. .. .	..	..
Hand gymnasia, Pianists'	A. P. Anderson	16653	17 July	63	6 Aug.*
Handling vessels, Clamp for	S. E. Love and W. J. McRae	16930	9 Sept.	78	1 Oct.
Hand-truck, Spring	T. Kendrick	16693	24 July	66	20 Aug.*
Harness, Composition for cleaning	J. Brooks	16671	23 July	70	3 Sept.
Harrowing and sowing implement	J. McKenney	16923	3 Sept.	74	17 Sept.*
Harvester, Potato	H. Daniels	16706	27 July	66	20 Aug.*
Hat-fastener	F. H. Tucker	16839	18 Aug.	70	3 Sept.*
Hat, Folding	C. H. Burnett	16843	22 Aug.	70	3 Sept.*
Hauling-engine drum, Catch for	S. H. Wicksteed	16264	24 April	63	6 Aug.*
Heat-economizing in boilers	H. E. Leighton	16117	21 March	57	9 July.
Heater, Burner and	A. McLeod	16925	3 Sept.	74	17 Sept.
Heating rooms	W. Brown	16946	10 Sept.	81	15 Oct.
Heating schoolrooms, &c.	M. Arragon	16640	16 July	66	20 Aug.
Hedge-clipping tool	J. Walsh	16633	13 July	63	6 Aug.
Hedge-cutter knife	G. F. Church	17015	23 Sept.	81	15 Oct.*
Hernial appliance	A. W. Martin	16688	25 July	66	20 Aug.
Hinge-strap, &c.	J. Muller	16685	21 July	66	20 Aug.*
Holder. (See Packing-holder.)					
Holding register grates	J. Mackie	15480	3 Oct., 1902	60	23 July.
Holes in gum boots, Closing	P. J. Brown	16632	13 July	63	6 Aug.*
Horse hoe, ridger, and drill	G. Osborne	16606	9 July	78	1 Oct.
Horse-rug fastening	A. J. Fiske	17013	23 Sept.	81	15 Oct.*
Horse saddle and collar	J. Marshall	16725	31 July	66	20 Aug.*
Horse-shoe	M. B. Edwards	16634	14 July	63	6 Aug.*
Horse-shoeing lever	C. H. Low	16799	8 Aug.	70	3 Sept.*
Hose-suspender	C. Wheeler	16718	31 July	66	20 Aug.*
Hose-coupling	H. Duffin	16897	1 Sept.	78	1 Oct.*
Hose-coupling	W. E. Hughes	16989	17 Sept.	78	1 Oct.*
Igniting matches	E. M. G. Coleman	16784	12 Aug.	70	3 Sept.
Illusion, Optical	F. L. Carr	16998	18 Sept.	81	15 Oct.
Incandescent-gas burner	The New Inverted Incandescent Gas-lamp Company, Limited	17040	30 Sept.	84	29 Oct.
Indicator. (See Fluid-level indicator, Railway-level indicator, Temperature indicator.)					
Inflatable jacket	G. Nuttall	15761	15 Dec., 1902	66	20 Aug.
Invoice and day book	J. S. J. Alpass	17008	21 Sept.	81	15 Oct.*
Invoice-pad	T. B. Crawshaw	16999	18 Sept.	78	1 Oct.*
Iron and steel, Manufacture of	C. F. Lungley	16975	15 Sept.	78	1 Oct.*
Iron and steel, Manufacture of	J. B. de Alzugaray	16713	29 July	66	20 Aug.
Iron and steel, Plating	J. Melville	16684	21 July	66	20 Aug.*
Iron lasts for boots	W. White	16993	14 Sept.	78	1 Oct.*
Ironsand, Briquettes of	T. Rouse and H. Colin	16978	16 Sept.	78	1 Oct.*
Ironsand, Manufacture of	C. F. Lungley	16975	15 Sept.	78	1 Oct.
Ironsand-separator	R. Howland	16979	16 Sept.	78	1 Oct.
Jacket, Inflatable	G. Nuttall	15761	15 Dec., 1902	66	20 Aug.
Jars, Sealing	W. Stevenson	16717	29 July .. .. .	..	..
Joint and casing for shearing-machine	Wolseley Sheep-shearing Company, Limited, and H. Austin	16909	4 Sept.	78	1 Oct.

ALPHABETICAL LIST OF INVENTIONS - continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Kaolin, Treatment of	A. W. Hooke	16677	24 July ..	66	20 Aug.
Kauri-gum cleaner	H. Carter and J. J. Evans	16665	18 July ..	63	6 Aug.*
Kerosene-tin, Attaching tap to	W. E. Hughes	16873	27 Aug. ..	74	17 Sept.*
Kettle	J. d'Esmonde and W. B. Peek	17037	24 Sept. ..	81	15 Oct.*
Kiln, Brick-	J. D. Wilson	16641	16 July ..	66	20 Aug.
Kindler. (See Fire-kindler.)					
Kitchen-range	J. Bates	16649	17 July ..	66	20 Aug.
Kneading and mixing machine	C. Cristadoro	16663	16 July ..	66	20 Aug.
Knife-cleaner	W. H. Lambert	16941	5 Sept. ..	78	1 Oct.*
Knife-cleaner and boot-polisher combined	T. Napier	15859	9 Jan. ..	66	20 Aug.*
Knife-cleaning machine	W. H. Lambert	16759	4 Aug. ..	66	20 Aug.*
Knife for hedge-cutting	G. F. Church	17015	23 Sept. ..	81	15 Oct.*
Label-fastening	J. C. Whiteman and F. T. Boys	17029	25 Sept. ..	81	15 Oct.*
Lamp	T. McDonough	16323	20 Aug. ..	74	17 Sept.
Lamp-lighter	A. Hare	16715	27 July ..	66	20 Aug.*
Lamp lighter and extinguisher	J. Bergan	16913	4 Sept. ..	78	1 Oct.
Last, Iron	W. White	16993	14 Sept. ..	78	1 Oct.*
Lasting-machine	United Shoe Machinery Company	16945	10 Sept. ..	78	1 Oct.
Latch, Gate-	C. L. Hansen	17014	23 Sept. ..	81	15 Oct.*
Latch, Gate-	G. E. C. F. Sander	17038	29 Sept. ..	81	15 Oct.*
Latch-lock for doors	T. H. Longshaw and W. J. Adams	16911	4 Sept. ..	74	17 Sept.*
Latrine and watercloset	G. Bolton	16692	23 July ..	66	20 Aug.*
Leaking holes in gum boots, Closing	P. J. Brown	16632	13 July ..	63	6 Aug.*
Letter-case	J. B. Hooper	16777	11 Aug. ..	70	3 Sept.*
Level, protractor, and clinometer	D. Ricono	17012	23 Sept. ..	81	15 Oct.*
Lever, Horse-shoeing	C. H. Low	16799	8 Aug. ..	70	3 Sept.*
Life-saving jacket, Inflatable	G. Nuttall	15761	15 Dec., 1902	66	20 Aug.*
Lifting fencing-posts out of ground	T. A. Dennis	16915	4 Sept. ..	78	1 Oct.
Lifting skins, &c., from dolly	Christchurch Meat Company, Limited, and D. Urquhart	16841	22 Aug. ..	70	3 Sept.*
Lifting soil	P. Irwin	16707	25 July ..	66	20 Aug.
Lighter and extinguisher, Lamp	J. Bergan	16913	4 Sept. ..	78	1 Oct.
Line, Carrying running line along standing	W. Beamish	16983	11 Sept. ..	78	1 Oct.*
Linotype machine	D. A. Poe and W. H. Scharf	16744	5 Aug. ..	70	3 Sept.
Liquid-fuel burner	A. E. Johnstone	16745	5 Aug. ..	66	20 Aug.*
Liquid, Drawing off	T. H. Ibbotson	16112	20 March ..	70	3 Sept.
Liquid-measure	A. and J. P. Calvert	16966	10 Sept. ..	78	1 Oct.
Liquid salt	R. W. Curry	16991	17 Sept. ..	87	12 Nov.
Liquid-separator	T. G. Rennerfelt	16804	12 Aug. ..	70	3 Sept.
Liquid-separator	A. Harvey	16739	31 July ..	70	3 Sept.
Lithographic plate	H. L. B. Toobe	16695	28 July ..	66	20 Aug.
Loading-device, Automatic	T. McL. Park	16142	26 March ..	66	20 Aug.
Loading gravel, &c.	R. A. Wilson	16895	1 Sept. ..	74	17 Sept.*
Lock. (See Bicycle-lock, Door-lock, Nut-lock, Seal-lock.)					
Manure, Calculating quantity sown by distributor	F. Burn and W. S. Harkness	16827	20 Aug. ..	70	3 Sept.*
Marine governor	R. J. W. Grasset	16709	30 July ..	66	20 Aug.*
Masts, Turning and shaping	W. H. Dunk	16874	27 Aug. ..	74	17 Sept.
Matches, Igniting	E. M. G. Coleman	16784	12 Aug. ..	70	3 Sept.
Measurement of ladies' skirts	O. M. Brophy	16598	6 July ..	63	6 Aug.
Measuring liquids	A. and J. P. Calvert	16966	10 Sept. ..	78	1 Oct.
Medicine	A. Mitchell	16900	2 Sept. ..	74	17 Sept.
Medicine	The Reference Company, Limited	16942	10 Sept. ..	81	15 Oct.
Metal-cutter	W. Anderson	16962	9 Sept. ..	78	1 Oct.
Metal, Punching or shearing	R. Norrie	16904	3 Sept. ..	78	1 Oct.
Metals, Extraction of	A. W. Hooke	16677	24 July ..	66	20 Aug.
Metals, Separation of	J. D. Wolf	17051	29 Sept. ..	84	29 Oct.
Milk and cream separator	H. Hunt, S. A. M. Rose, and J. G. Howard	16731	31 July ..	66	20 Aug.*
Milk-can float	J. Longton	16968	12 Sept. ..	78	1 Oct.*
Milk-cooler	J. S. Reid	16855	25 Aug. ..	74	17 Sept.*
Milk-cooler	W. A. Haxton	16581	3 July ..	60	23 July.*
Milk into powder, Concentrating	W. Stevenson	16629	13 July ..	..	..
Milk, Preventing froth in receptacles containing	A. Riches	17025	24 Sept. ..	81	15 Oct.*
Milk-strainer	D. Dunn	16857	26 Aug. ..	81	15 Oct.
Milk-strainer	F. Gough	16820	19 Aug. ..	70	3 Sept.*
Milk strainer and aerator	W. Beaumont	16363	18 May ..	74	17 Sept.
Milking-apparatus	B. Bodycomb	16676	24 July ..	66	20 Aug.*
Milking-apparatus	C. Hanlon	16910	4 Sept. ..	74	17 Sept.*
Milking-machine	J. Bews	16814	14 Aug. ..	70	3 Sept.*
Milking-machine	J. Sawers	16936	9 Sept. ..	74	17 Sept.*
Mineral-water-bath salt	T. Dawes	16920	2 Sept. ..	74	17 Sept.*
Mineral wool, Manufacture of	O. F. Colvin	17020	25 Sept. ..	81	15 Oct.*
Minerals, Separation of	G. A. Goyder and E. Laughton	16466	10 June ..	78	1 Oct.
Mitre-cutter	R. Wales	16730	31 July ..	66	20 Aug.*
Mitre-cutter	R. Wales	17006	17 Sept. ..	84	29 Oct.*
Mitre-cutter, Graduated bar and stop for	R. Dunne	16662	16 July ..	63	6 Aug.*
Mixing and kneading machine	C. Cristadoro	16663	16 July ..	66	20 Aug.*
Mixing-machine	E. F. W. Wieda	16743	5 Aug. ..	70	3 Sept.
Molten glass, Receptacle for	The Toledo Glass Company	16630	14 July ..	63	6 Aug.

ALPHABETICAL LIST OF INVENTIONS - *continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Mop, Wash-up	H. J. Gentles	16859	26 Aug. ..	74	17 Sept.*
Mosquito-trap	J. T. E. Hellier	16849	25 Aug. ..	70	3 Sept.*
Motive power, Generating gaseous jets for	C. F. de K. Steuart	16932	9 Sept. ..	94	10 Dec.
Motor	E. Tregear	16949	10 Sept. ..	74	17 Sept.*
Motor palace-car	W. A. Young	16779	11 Aug. ..	78	1 Oct.*
Motor, Wave	R. Millar	16645	11 July ..	63	6 Aug.*
Motor, Wave	R. Millar	16646	11 July ..	63	6 Aug.*
Motor, Wave	C. Soulas	16977	15 Sept. ..	81	15 Oct.
Mould, Confectionery-	P. A. Harkin	15665	21 Nov., 1902	74	17 Sept.
Mouse-trap	J. Holm	17000	17 Sept. ..	84	29 Oct.
Multi-furrow plough	G. Seymour	16908	4 Sept. ..	74	17 Sept.*
Music, Turning leaves of	G. S. Budge	16781	11 Aug. ..	70	3 Sept.*
Music, Turning leaves of	W. Jacobsen	16902	2 Sept. ..	74	17 Sept.*
Nail-brush	H. E. Crease and W. Williams	16778	11 Aug. ..	70	3 Sept.*
Nest, Poultry-	E. C. McAlpine	16741	1 Aug. ..	70	3 Sept.*
Net, Operating fishing-	D. McLellan	16845	21 Aug. ..	70	3 Sept.*
Newspaper-stand	H. Buckland	16729	31 July ..	66	20 Aug.*
Non-puncturable inner tube of tire	F. W. Hall	16832	21 Aug. ..	74	17 Sept.*
Non-refillable bottle	J. Whitelaw	17042	30 Sept. ..	84	29 Oct.
Noxious weeds, Destroying	R. A. Thompson	16981	16 Sept. ..	78	1 Oct.*
Nozzle	A. J. Hall and G. Leek	16818	19 Aug. ..	70	3 Sept.*
Nozzle, Oil-can	F. G. Lindback	16670	22 July ..	63	6 Aug.*
Nut-lock	W. Ward	16658	18 July ..	66	20 Aug.*
Oats, Treating	D. C. Macdonald	17033	29 Sept. ..	81	15 Oct.
Offal, Treating	J. B. Hay and A. J. Daniel	16735	3 Aug. ..	66	20 Aug.*
Oil-can nozzle	F. G. Lindback	16670	22 July ..	63	6 Aug.*
Oil-engine	W. Vickery, sen., S. J. and T. H. Vickery	16984	9 Sept. ..	78	1 Oct.*
Oil-feeding can	W. Beamish	16984	11 Sept. ..	78	1 Oct.*
Oil-lamp	T. McDonough	16823	20 Aug. ..	74	17 Sept.
Oil, Preventing, from passing from steam-condenser to steam-boiler	E. G. Silk	17022	23 Sept. ..	81	15 Oct.*
Optical illusion	F. L. Carr	16998	18 Sept. ..	81	15 Oct.
Order-pad	T. B. Crawshaw	16999	18 Sept. ..	78	1 Oct.*
Ore, Agglomerating	A. and W. J. Malden	15514	16 Oct., 1902	57	9 July.*
Ore, Amalgamating	H. Jones	16797	14 Aug. ..	70	3 Sept.*
Ore-concentrator	A. E. Warne	16656	15 July ..	63	6 Aug.*
Ore-concentrator	G. W. Wright	15593	31 Oct., 1902	66	20 Aug.*
Ore-concentrator	Wilfley Ore-concentrator Syndicate, Limited	16870	27 Aug. ..	74	17 Sept.
Ore-concentrator	Wilfley Ore-concentrator Syndicate, Limited	16871	27 Aug. ..	74	17 Sept.
Ore-roasting furnace	G. G. Turri	15942	5 Feb. ..	57	9 July.
Ore-roasting furnace	G. G. Turri	16988	17 Sept. ..	81	15 Oct.
Ore-roasting furnace	T. D. Merton	16899	2 Sept. ..	78	1 Oct.
Ore-treatment	W. E. Hughes	15780	18 Dec., 1902	78	1 Oct.
Ore-treatment	M. Moore and T. J. Heskett	16963	9 Sept. ..	78	1 Oct.*
Ores, Dry separation of	T. A. Edison	16621	8 July ..	63	6 Aug.
Ores, Separation of metals from	J. D. Wolf	17051	29 Sept. ..	84	29 Oct.
Oyster-opener	M. J. Cherrie	15705	2 Dec., 1902	70	3 Sept.
Packing-holder for circular saw	R. Wales	16654	15 July ..	63	6 Aug.*
Palace car	W. A. Young	16779	11 Aug. ..	78	1 Oct.*
Parlour game	F. P. Castledine	16701	29 July ..	66	20 Aug.*
Patterns, Chart for skirt-	L. Roberts	17023	23 Sept. ..	81	15 Oct.
Pelts, Lifting, from dolly	The Christchurch Meat Company, Limited, and D. Urquhart	16841	22 Aug. ..	70	3 Sept.*
Pencil. (See Slate-pencil.)	A. Huck and L. Fischer	16836	19 Aug. ..	74	17 Sept.
Photographic support	B. A. Bell	16599	7 July ..	63	6 Aug.
Photographs, Colouring	A. P. Anderson	16653	17 July ..	63	6 Aug.*
Pianists' hand gymnasia	F. Early	16746	5 Aug. ..	66	20 Aug.*
Piano-mute	J. Müller	16733	30 July ..	..	..
Pictorial wrappers	B. A. Bell	16599	7 July ..	63	6 Aug.
Pictures, Colouring	B. A. Bell	16599	7 July ..	63	6 Aug.
Pin. (See Brooch-pin, Hairpin, Scarf-pin.)	H. Duffin	16897	1 Sept. ..	78	1 Oct.
Pipe-coupling	W. Greenshields	16973	15 Sept. ..	81	15 Oct.*
Pipe, Tobacco-	J. Simpson	16652	17 July ..	63	6 Aug.*
Pipe-union	J. S. and W. Ockleston, H. Clark, and A. Dorricott	16852	25 Aug. ..	74	17 Sept.*
Pipes, Flanging and socketing clay	A. L. Cummings	16691	27 July ..	66	20 Aug.
Plane, Anti-friction device for	H. Walsh	16610	10 July ..	60	23 July.*
Plate, Attachment to	H. L. B. Toobe	16695	28 July ..	66	20 Aug.
Plate, Lithographic	J. R. Park	16890	27 Aug. ..	74	17 Sept.*
Plates, Stencil-	C. Johnston	16953	10 Sept. ..	78	1 Oct.*
Platform, Sheep-dipping	J. Melville	16684	21 July ..	66	20 Aug.*
Plating iron and steel	R. Paterson	16580	3 July ..	60	23 July.*
Plough, Actuating lever-wheel of	H. Coe	15642	17 Nov., 1902	78	1 Oct.
Plough attachment	W. Williams	16673	23 July ..	63	6 Aug.*
Plough-coulter, Attachment for	F. A. Brand	15935	30 Jan. ..	74	17 Sept.
Plough, Disc	C. C. Kidd and P. Kilkelly	16813	14 Aug. ..	70	3 Sept.*
Plough, Ditch-	J. Robertson	15538	29 Oct., 1902	74	17 Sept.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

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

ALPHABETICAL LIST OF INVENTIONS—*continued.*

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

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Siphon of septic tank	A. J. Hunter	16926	4 Sept.	78	1 Oct.
Siphon-trap	G. A. Haydon	16625	8 July	63	6 Aug.*
Skins, Lifting, from dolly	Christchurch Meat Company, Limited, and D. Urquhart	16841	22 Aug.	70	3 Sept.*
Skirt-measuring appliance	C. M. Brophy	16598	6 July	63	6 Aug.
Skirt-patterns, Chart for	L. Roberts	17023	23 Sept.	81	15 Oct.
Skylight-bars	A. Burt	16786	12 Aug.	66	20 Aug.*
Slags, Treatment of	H. Passow	16853	26 Aug.	74	17 Sept.
Slate-pencil sharpener	D. McKenzie	16586	1 July	60	23 July.*
Slimes, Treatment of	A. W. Hooke	16677	24 July	66	20 Aug.
Slimes, Treatment of	W. E. Holderman	16825	20 Aug.	74	17 Sept.
Sling and shackle	W. Beamish	16682	20 July	66	20 Aug.*
Smoke, Consuming	H. E. Leighton	16117	21 March	57	9 July.*
Soap, Cutting up	J. Girven	16615	10 July	60	23 July.*
Socketing clay pipes	J. S. and W. Ockleston, H. Clark, and A. Dorricott	16852	25 Aug.	74	17 Sept.*
Soil, Lifting	P. Irwin	16707	25 July	66	20 Aug.
Soldering-tool	R. H. Mason	16597	2 July	60	23 July.*
Sole and heel, Adjustable, for boots	T. Burrell	16898	2 Sept.	78	1 Oct.
Sower, Seed-	J. H. Millar	16938	10 Sept.	78	1 Oct.*
Sower, Seed-	W. B. Veirs	16626	13 July	63	6 Aug.*
Sower, Turnip, &c.	C. Bristow	17028	26 Sept.	81	15 Oct.*
Sowing seed, Canister for	E. Bowmar	15604	5 Nov., 1902	66	20 Aug.
Sowing and harrowing implement	J. McKenney	16923	3 Sept.	74	17 Sept.*
Spark-arrester	G. W. Grimmer	16901	2 Sept.	78	1 Oct.*
Spark-arrester	J. Shaw and D. Macpherson	16826	20 Aug.	70	3 Sept.*
Spark-arrester	J. Volkner	16664	20 July	66	20 Aug.
Spark-extinguisher	P. H. Shailer	16772	10 Aug.	70	3 Sept.*
Spindle and coiler	D. McKenzie	16595	2 July	60	23 July.*
Spouting, Securing, to walls of buildings	R. Ginsberg	16773	10 Aug.	70	3 Sept.*
Spraying disinfectants, Nozzle for	A. J. Hall and G. Leek	16818	19 Aug.	70	3 Sept.*
Spreader for leading-chain	W. McLeod	16922	5 Sept.	74	17 Sept.*
Spreader for trace-chain	A. Dale	16918	3 Sept.	78	1 Oct.
Springs, Vehicle-	F. S. Potter	15144	17 July, 1902	57	9 July.
Springs, Vehicle-	T. G. Stevens	16992	17 Sept.	84	29 Oct.
Sprinkler for bottle	G. L. Cole	16742	5 Aug.	66	20 Aug.*
Stacks, Securing corrugated-iron roofing on	A. J. Ross	16614	10 July	60	23 July.*
Stamps to letters, &c., Attaching postage-standard. (See Fencing-standard.)	S. Nicolson	16939	10 Sept.	74	17 Sept.*
Staple-drawer and wire-cutter	W. R. Morgan	16574	1 July	63	6 Aug.
Staple for riding-saddle	F. Shrimpton	16934	9 Sept.	81	15 Oct.
Steam-condenser, Preventing oil passing to boiler from	E. G. Silk	17022	23 Sept.	81	15 Oct.*
Steam-engine	J. J. Macky	16624	8 July	63	6 Aug.*
Steam-engine	E. Towson, H. R. Moulton, and F. C. Southwell	15862	21 Aug.	74	17 Sept.
Steam-generator	J. T. Innes	16672	23 July	63	6 Aug.*
Steam-generator	G. W. Brown and G. M. Norton	16795	13 Aug.	70	3 Sept.
Steering-head for cycles	F. W. Harradence	16734	3 Aug.	66	20 Aug.*
Stencil-plates	J. R. Park	16890	27 Aug.	74	17 Sept.*
Sterilising bonedust	W. Barnsdale	16800	14 Aug.	74	17 Sept.*
Stirrer	E. S. Smith	16807	13 Aug.	70	3 Sept.*
Stirrup-iron	P. B. Ross	17034	29 Sept.	81	15 Oct.*
Stirrup bar, Saddle-	R. H. Robson and J. Coogan	16768	7 Aug.	70	3 Sept.
Stocks and dies, Screw-cutting	J. Vorbach	16783	12 Aug.	70	3 Sept.
Stone, Artificial	N. Borchardt	16912	4 Sept.	78	1 Oct.
Stop for windows and doors	H. J. Weeks	16696	23 July	66	20 Aug.
Stopper, Bottle-	R. Dunne	17030	25 Sept.	81	15 Oct.*
Stopping holes in ship's hull	E. Smith	17010	18 Sept.	81	15 Oct.*
Stove, One-fire	J. Bates	16649	17 July	66	20 Aug.
Strainer. (See Milk-strainer, Tank-strainer, Wire-strainer.)					
Stretcher, Trouser-	W. Nuttall and A. Inkpen	16698	28 July	66	20 Aug.
Stretcher, Trouser-	G. Holford	16704	29 July	66	20 Aug.*
String for plough-coulter	W. Williams	16673	23 July	63	6 Aug.*
Stud, Collar-	J. F. Harper	16940	5 Sept.	74	17 Sept.*
Stud, Contact	W. Griffiths and B. H. Bedell	16639	16 July	63	6 Aug.
Suction dredge and bucket	R. Andrew	16931	11 May	78	1 Oct.
Sulphurising fruit	C. E. Lowe	16996	18 Sept.	78	1 Oct.*
Sump-trap	J. W. Lyes	16959	12 Sept.	78	1 Oct.*
Supporting window-curtains	Van H. L. Wood	15636	17 Nov., 1902	63	6 Aug.
Support, Photographic, &c.	A. Huck and L. Fischer	16836	19 Aug.	74	17 Sept.
Suspender, Hose-	C. Wheeler	16718	31 July	66	20 Aug.*
Table, Billiard and dining	H. U. Alcock	17018	19 Sept.	81	15 Oct.*
Table, Billiard and dining	C. J. Duffy	16690	27 July	66	20 Aug.*
Table, Extension	C. T. Kiernan	16806	13 Aug.	70	3 Sept.*
Table golf	W. P. Porteous	16636	16 July	63	6 Aug.*
Table-stand for newspapers	H. Buckland	16729	31 July	66	20 Aug.*
Tail-grip for cattle, &c.	J. Robertson	16985	11 Sept.	78	1 Oct.*
Tank-strainer	A. A. Carson	16669	21 July	63	6 Aug.*
Tap	G. Butel	16728	3 Aug.	66	20 Aug.*
Tap	A. S. Tily	16760	4 Aug.	70	3 Sept.*
Tap	C. M. Cruickshank	16765	7 Aug.	70	3 Sept.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Tap	J. F. W. H. Schadick	16824	17 Aug. ..	74	17 Sept.*
Tap and gauge	A. H. Brownley	16638	16 July ..	63	6 Aug. *
Tap, Attaching draw-off, to kerosene-tin	W. E. Hughes	16873	27 Aug. ..	74	17 Sept.*
Tap, Flush-	T. W. May	16600	8 July ..	63	6 Aug.*
Tape-perforating apparatus	J. Gell	16637	16 July ..	66	20 Aug.*
T square, easel, &c.	E. Gillow	16969	12 Sept. ..	78	1 Oct.*
Teat-cup, Pneumatic	A. Gillies	16944	10 Sept. ..	74	17 Sept.*
Telegraphic tape-perforating apparatus	J. Gell	16637	16 July ..	66	20 Aug.*
Temperature-indicator	J. Gallagher	16699	28 July ..	66	20 Aug.*
Tension bridge	F. Lambert	16577	3 July ..	66	20 Aug.*
Tent	H. H. Hillard and A. Priddle	16937	10 Sept. ..	81	15 Oct.*
Threshing-machine	C. P. Pratt	16872	27 Aug. ..	74	17 Sept.*
Tidal-power generator	H. M. Meinung	16710	30 July ..	66	20 Aug.*
Tightener, Driving-belt and rope	A. S. Pike	15747	11 Dec., 1902	70	3 Sept.
Tin. (See Cake-tin, Kerosene-tin.)					
Tin, Fixing bottom on	W. White	16961	12 Sept. ..	81	15 Oct.*
Tip-wagon mechanism	H. S. Hayling	16643	16 July ..	63	6 Aug. *
Tire, Bicycle-	J. Turnbull and S. Nicolson	16956	10 Sept. ..	81	15 Oct.*
Tire, Bicycle-	E. A. Dane and R. P. Gibbons	16829	17 Aug. ..	70	3 Sept.*
Tire, Bicycle-, &c.	G. H. Moss, jun.	17011	22 Sept. ..	81	15 Oct.*
Tire-cover	G. T. Shilton and A. Schultze	16196	2 April ..	63	6 Aug. *
Tire-cover	F. S. Ornstein	15703	29 Nov., 1902	74	17 Sept. *
Tire, Pneumatic	Dunlop Pneumatic Tire Company of Australasia, Limited	16943	10 Sept. ..	74	17 Sept.*
Tire-protector	G. T. Stewart	16769	7 Aug. ..	74	17 Sept.*
Tire-remover	S. Nicolson	15659	20 Nov., 1902	60	23 July.
Tires, Treating inner tubes of	F. W. Hall	16832	21 Aug. ..	74	17 Sept. *
Toasting-appliance	T. M. Wilford	16957	10 Sept. ..	78	1 Oct.*
Toasting-fork and grid	W. Moore and R. A. McCulloch	16593	1 July ..	60	23 July.*
Tobacco-cutter	G. Kochendorffer	16680	20 July ..	66	20 Aug.*
Tobacco-pipe	W. Greenshields	16973	15 Sept. ..	81	15 Oct.*
Tool, Hedge-clipping	J. Walsh	16633	13 July ..	63	6 Aug. *
Tool, rock-drilling, Sharpening	A. Purser, F. W. Jenkins, C. R. McA. Millar	15852	9 Jan. ..	60	23 July.
Tool, Soldering-	R. H. Mason	16597	2 July ..	60	23 July.*
Tooth-brush	H. E. Crease and W. Williams	16778	11 Aug. ..	70	3 Sept.*
Totalisator	D. M. Robertson	16958	11 Sept. ..	78	1 Oct.*
Toy	J. B. Mack	16867	27 Aug. ..	74	17 Sept.*
Trace-chain spreader	A. Dale	16918	3 Sept. ..	78	1 Oct. *
Trace-fastening	J. Bates	16622	8 July ..	63	6 Aug.*
Tracer for dress-cutting	L. Roberts	17024	23 Sept. ..	81	15 Oct. *
Traction-engine wheels, Gripper for	J. Butler and P. Burke	16812	14 Aug. ..	70	3 Sept.*
Tramway and railway door	H. J. Manson	16611	10 July ..	60	23 July.*
Tramway fares, Distributing and collecting	T. H. Reid	16705	29 July ..	74	17 Sept.*
Tramway-seat	A. Ashcroft and S. Clark	16905	29 Aug. ..	74	17 Sept.*
Trap. (See Animal-trap, Bird-trap, Fly-trap, Mosquito-trap, Mouse-trap, Siphon-trap.)					
Trap for sumps	J. W. Lyes	16959	12 Sept. ..	78	1 Oct.*
Travelling-race	C. Rask and E. A. Cameron	16627	8 July ..	63	6 Aug.*
Trees, Catching gum from	A. J. McPharlin	16879	28 Aug. ..	74	17 Sept.*
Trees, Cutting incisions in	A. J. McPharlin	16928	8 Sept. ..	78	1 Oct.*
Trough for feeding animals	J. Carlye	15412	18 Sept., 1902	60	23 July.
Trouser-clip	W. Beamish	16822	17 Aug. ..	70	3 Sept.*
Trouser-stretcher	W. T. Nuttall and A. Inkpen	16698	28 July ..	66	20 Aug.*
Trouser-stretcher	G. Holford	16704	29 July ..	66	20 Aug.*
Truck, Spring hand-	T. Kendrick	16693	24 July ..	66	20 Aug.*
Trucks, Loading gravel into	R. A. Wilson	16895	1 Sept. ..	74	17 Sept.*
Tube-cleaner	G. A. King-Ansell	16697	28 July ..	66	20 Aug. *
Tubes, Manufacture of	B. F. McTear and H. C. W. Gibson	16782	12 Aug. ..	70	3 Sept. *
Tubular dryer	E. Seagar	16642	16 July ..	63	6 Aug.*
Turning and shaping masts	W. H. Dunk	16874	27 Aug. ..	74	17 Sept. *
Turning leaves of music	W. Jacobsen	16902	2 Sept. ..	74	17 Sept.*
Turning leaves of music	G. S. Budge	16781	11 Aug. ..	70	3 Sept.*
Umbrella, Construction of	J. F. Wilson and E. H. Whitmore	16757	6 Aug. ..	66	20 Aug.*
Umbrella, Holding ends of ribs of, when closed	J. F. Wilson and E. H. Whitmore	16756	6 Aug. ..	66	20 Aug.*
Umbrella, Securing ends of ribs of	J. F. Wilson and E. H. Whitmore	16711	30 July ..	66	20 Aug.*
Umbrella, Securing ribs to	W. S. Robinson and P. S. Swanson	16650	17 July ..	63	6 Aug.*
Umbrella-tip retainer	P. Kahlenberg	16605	6 July ..	60	23 July.*
Undersleeves, Fastener for	R. H. Mason	16727	29 July ..	66	20 Aug.*
Valve, Football-	G. G. Turri	16740	4 Aug. ..	70	3 Sept. *
Valve, Football-	W. Wallace	16952	10 Sept. ..	78	1 Oct.*
Valve for high-pressure tap	J. F. W. H. Schadick	16824	17 Aug. ..	74	17 Sept. *
Valve, Tap or	G. Butel	16728	3 Aug. ..	66	20 Aug.*
Vat-churn	A. McDonald	16970	10 Sept. ..	81	15 Oct. *
Vehicle-springs attachment	F. S. Potter	15144	17 July, 1902	57	9 July.
Vehicle-springs, Producing unison of action in	T. G. Stevens	16992	17 Sept. ..	84	29 Oct.
Vending-machine	E. Shaw	16892	29 Aug. ..	78	1 Oct. *
Venetian-blind	M. Kimbel	16880	27 Aug. ..	74	17 Sept.*
Ventilating glass	H. K. Wilkinson	16982	11 Sept. ..	78	1 Oct. *
Ventilator	A. Burt	16854	22 Aug. ..	74	17 Sept.*
Ventilator	G. Bolton	16647	11 July ..	63	6 Aug.*
Ventilator	M. Bowles	17053	28 Sept. ..	91	26 Nov. *
Ventilator	W. F. Slack	15552	25 Oct., 1902	63	6 Aug. *

ALPHABETICAL LIST OF INVENTIONS—*continued.*

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

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS DURING QUARTER ENDING 30TH SEPTEMBER, 1903.

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

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER
ENDING 30TH SEPTEMBER, 1903.

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

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

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

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

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

J.—ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING 31st DECEMBER, 1903.

* Denotes a provisional specification.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Abbott, H. D., and another, Auckland, N.Z. Gold-saving vat ..	17205	2 Nov. ..	91	26 Nov.*
Abell, E. G., Brisbane, Queensland. Window-sash holder ..	17156	29 Oct. ..	91	26 Nov.
Abernethy, J. W., and others, Port Moody, B.C. Passing line under submerged vessel ..	17191	4 Nov. ..	91	26 Nov.
Adam, M. A., and another, London, Eng. Incandescent mantle and burner ..	17222	11 Dec. ..	94	10 Dec.*
Adam, W. W., and another, London, Eng. Incandescent mantle and burner ..	17222	11 Dec. ..	94	10 Dec.*
Adams, E., Wellington, N.Z. Boot	17384	17 Dec. ..	6	21 Jan., 1904.*
Agar, H., Devenport, Tasmania. Window attachment ..	16045	4 March ..	2	7 Jan., 1904.
Aggers, W., Auckland, N.Z. Cushioned furniture	15885	19 Jan. ..	87	12 Nov.
Aggers, W., Auckland, N.Z. Cushioned furniture	17401	21 Dec. ..	6	21 Jan., 1904.
Alexander, C. J., London, Eng. Incandescent gas-burner ..	17219	11 Nov. ..	94	10 Dec.
Alexander, G. A. W., Malvern, S.A. Washing machine ..	17149	28 Oct. ..	91	26 Nov.
Alexander, T. H., Kensington, Vic. Valve-mechanism ..	17266	19 Nov. ..	2	7 Jan., 1904.
Alkemade, P. V. L., Melbourne, Vic. Bucket on castors ..	17086	8 Oct. ..	87	12 Nov.*
Allen, C. L., Winchester, U.S.A. (See United Shoe Machinery Co., No. 15828.) ..	..	..	..	..
Allen, H., Dargaville, N.Z. Venetian-blind	17327	5 Dec. ..	6	21 Jan., 1904.
Anderson, J., and another, Christchurch, N.Z. Truing up flax-drum ..	17339	8 Dec. ..	2	7 Jan., 1904.
Anderson, L. C., and another, Alexandra South, N.Z. Gold-saving screen ..	17080	2 Oct. ..	87	12 Nov.
Anderson, W. J., and others, Melbourne, Vic. Operating cheese-presser plate ..	16793	13 Aug. ..	91	26 Nov.
Andrews, A. H., and Co., Chicago, U.S.A. (See F. J. Jones, No. 17285.) ..	..	..	..	..
Andrews, F. A., and another, London, Eng. Gas-tap	17068	6 Oct. ..	84	29 Oct.
Andrews, J. P., and another, Waikuku, N.Z. Truing up flax-drum ..	17339	8 Dec. ..	2	7 Jan., 1904.
Andrews, W., and another, Christchurch, N.Z. Threshing-machine ..	17211	5 Nov. ..	91	26 Nov.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Applegarth, A. L., Dunedin, N.Z. Smoke-preventer and fuel-economizer	17108	13 Oct. ..	91	26 Nov.*
Armbruster, W. J., and another, St. Louis, U.S.A. Chlorination-barrel	17352	10 Dec. ..	2	7 Jan., 1904.
Arnaboldi, J., Auckland, N.Z. Tram-car brake	17300	24 Nov. ..	94	10 Dec.*
Arnberg, A. M., Stockholm, Sweden. Separator-drum liner ..	17074	7 Oct. ..	..	..
Ashcroft, E. A., Weston, Eng. Production of alkali metal ..	17181	29 Oct. ..	94	10 Dec.
Ashcroft, R. W., Palmerston North, N.Z. Tank-cleaning overflow ..	17185	10 Nov. ..	94	10 Dec.
Atkin, W. H., Auckland, N.Z. Furnace	17214	5 Nov. ..	94	10 Dec.*
Atkins, A., Wanganui, N.Z. Distributing liquid over filter-beds ..	17135	23 Oct. ..	91	26 Nov.*
Atkins, G. J., London, Eng. Electrolytic apparatus ..	17187	4 Nov. ..	91	26 Nov.
Auckland Co-operative Boot and Shoe Company, Limited, Auckland, N.Z. Insole. (H. Dearsley)	17408	24 Dec. ..	10	4 Feb., 1904.
Baker, A., Dunedin, N.Z. Tailors' press	17225	11 Nov. ..	91	26 Nov.*
Baker, M. G., and another, Alexandra South, N.Z. Gold-saving screen	17080	2 Oct. ..	87	12 Nov.
Balch, D. W., San Francisco, U.S.A. Railway traction. (A. A. Honey)	15826	5 Jan. ..	94	10 Dec.
Bald, J., Sydney, N.S.W. Flushing-apparatus	17328	5 Dec. ..	10	4 Feb., 1904.
Barger, W. G., and another, Melbourne, Vic. Disc cultivator ..	17085	8 Oct. ..	87	12 Nov.
Barnes, L. J., Auckland, N.Z. Broom-handle connection ..	17292	23 Nov. ..	94	10 Dec.*
Barnes, L. J., Auckland, N.Z. Horse-shoe fastener	17391	16 Dec. ..	6	21 Jan., 1904.*
Barnes, L. J., Auckland, N.Z. Horse-shoe fastener	17392	16 Dec. ..	6	21 Jan., 1904.*
Barnett, D. M., Melbourne, Vic. Scribing-tool for carpenters, &c.	17101	15 Oct. ..	87	12 Nov.
Barnsdale, W., Auckland, N.Z. Sterilising bonedust	16800	14 Aug. ..	2	7 Jan., 1904.
Barton, F. W., Dunedin, N.Z. Animal-trap	15978	11 Feb. ..	2	7 Jan., 1904.
Barton, F. W., and another, Dunedin, N.Z. Rail-joint	17274	18 Nov. ..	94	10 Dec.*
Barton, F. W., and another, Dunedin, N.Z. Horn-protector for cattle	17367	10 Dec. ..	2	7 Jan., 1904.*
Basley, G. W., Auckland, N.Z. Sash-balance. (H. E. Rathbun and W. H. Loneragan)	17145	19 Oct. ..	91	26 Nov.*
Basley, G. W., Auckland, N.Z. Account-book. (National Cash-register Company)	17348	7 Dec. ..	2	7 Jan., 1904.
Basley, G. W., Auckland, N.Z. Account-book. (National Cash-register Company)	17349	7 Dec. ..	2	7 Jan., 1904.
Basley, P. H., and others, Auckland, N.Z. Door-check	17206	2 Nov. ..	91	26 Nov.
Bates, J., Auckland, N.Z. Portable boiler	16661	18 July ..	81	15 Oct.
Bauckbam, A. M., Ashhurst, N.Z. Sash retainer and lock ..	17217	10 Nov. ..	91	26 Nov.*
Baux, H. A., Auckland, N.Z. Table for ironing shirts	17065	2 Oct. ..	84	29 Oct.
Baux, H. A., Auckland, N.Z. Heating water by exhaust steam ..	17066	2 Oct. ..	84	29 Oct.
Baux, H. A., Auckland, N.Z. Starching-machine	17173	26 Oct. ..	91	26 Nov.
Bawden, W. R., Kalgoolie, W.A. Clinostat	17268	19 Nov. ..	2	7 Jan., 1904.
Baxter, R., Milton, N.Z. Oil emulsion	17394	17 Dec. ..	2	7 Jan., 1904.*
Beamish, W., Cromwell, N.Z. (See A. J. Park, No. 17323.)				
Beaven, A. W., and another, Christchurch, N.Z. Threshing-machine	17211	5 Nov. ..	91	26 Nov.*
Beer, S. S., Kyeburn Diggings, N.Z. Rivet-cutting tool	17215	6 Nov. ..	91	26 Nov.*
Bell, H. R., Lyttelton, N.Z. Bottle and stopper	14748	15 April, 1902	94	10 Dec.
Bendall, W. E., Wellington, N.Z. Roof-gutter covering	17248	17 Nov. ..	..	..
Bendixen, N., Frederiksberg, Denmark. Sterilisation of milk ..	17132	22 Oct. ..	87	12 Nov.
Bennett, R. B., Christchurch, N.Z. Billiard-table cushion ..	17098	13 Oct. ..	87	12 Nov.*
Bergersen, C. A., Palmerston North, N.Z. Operating window-sash ..	17104	15 Oct. ..	87	12 Nov.*
Best, H., Dunedin, N.Z. Knife-cleaner	17213	6 Nov. ..	2	7 Jan., 1904.
Bodle, D. W., Alfriston, N.Z. Castor	17385	17 Dec. ..	6	21 Jan., 1904.*
Bonneau, J. C., Vancouver, B.C. Stereotype-matrix frame ..	17192	4 Nov. ..	91	26 Nov.
Boon, A. W., Brixton, Eng. Cycle-driving mechanism	17423	30 Dec. ..	..	..
Booth, D., Wellington, N.Z. Table game	17124	21 Oct. ..	91	26 Nov.
Borlase, W., Dunedin, N.Z. (See J. and T. R. Christie, Nos. 17324 and 17374.)				
Borlase, W., and another, Dunedin, N.Z. Button	17180	29 Oct. ..	91	26 Nov.*
Boxall, R., and another, Brisbane, Queensland. Butter tinning and printing machine	15543	23 Oct., 1902 ..	2	7 Jan., 1904.
Boyens, W. H., and another, Kaikoura, N.Z. Pegless clothes-line..	17063	5 Oct. ..	84	29 Oct.*
Braddock, W. C., Blenheim, N.Z. Fruit washing and cleaning machine	16602	8 July ..	87	12 Nov.
Brewerton, S., Wai-iti, N.Z. (See W. E. Hughes, No. 17067.)				
British-American Tobacco Company, Limited, London, Eng. (See W. E. Hughes, No. 17069.)				
British Westinghouse Electric and Manufacturing Company, Limited, The, London, Eng. (See J. P. Campbell, Nos. 17153 and 17404.)				
British Westinghouse Electric and Manufacturing Company, Limited, The, London, Eng. (See W. E. Hughes, No. 17424.)				
Brooks, D. M., Wellington, N.Z. Fire-escape	15864	13 Jan. ..	84	29 Oct.
Brooks, W. H., Adelaide, S.A. Gas-generator	17102	15 Oct. ..	87	12 Nov.*
Brown, J. A., and another, Dunedin, N.Z. Fancy confections ..	17079	2 Oct. ..	..	..
Brown, T. H., Wellington, N.Z. Bridle	17410	24 Dec. ..	6	21 Jan., 1904.*
Brown, W. C., Richmond, U.S.A. (See H. R. Worthington, Nos. 17353 and 17354.)				
Buckland, E., Auckland, N.Z. Apparatus for inducing air-currents	17171	27 Oct. ..	91	26 Nov.*
Budge, G. S., Auckland, N.Z. Book-leaf holder	16065	9 March ..	2	7 Jan., 1904.
Buit, Du. (See under Du.)				
Bünz, C. F., Christchurch, N.Z. Instrument for treating nervous diseases. (F. J. Rottman)	16358	15 May ..	2	7 Jan., 1904.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Burke, A. T., and another, Mangatoki, N.Z. Breeching-strap ..	17088	9 Oct. ..	94	10 Dec.
Burke, R., and another, Mangatoki, N.Z. Breeching-strap ..	17088	9 Oct. ..	94	10 Dec.
Burl, H., London, Eng. (See Lamson Store Service Company, Limited, No. 17269.)				
Burman, E. S., and others, Melbourne, Vic. Operating cheese-presser plate	16793	13 Aug. ..	91	26 Nov.
Butel, G., Gore, N.Z. Spark-arrester	17138	24 Oct. ..	91	26 Nov.*
Butler, C., Gisborne, N.Z. Washing-machine	17338	3 Dec. ..	94	10 Dec.*
Cadman, A. J., Auckland, N.Z. Retort for destroying vegetable substances. (J. Lyle)	17245	16 Nov. ..	94	10 Dec.*
Cadman, A. J., Auckland, N.Z. Smokeless fuel-briquette. (J. Lyle)	17246	16 Nov. ..	94	10 Dec.*
Campbell, A., Sutton, N.Z. Animal-trap	15791	16 Dec., 1902 ..	87	12 Nov.
Campbell, A., Sutton, N.Z. Animal-trap	17202	4 Nov. ..	91	26 Nov.*
Campbell, J. P., Wellington, N.Z. Turbine. (The British Westinghouse Electric and Manufacturing Company, Limited)	17153	28 Oct. ..	91	26 Nov.
Campbell, J. P., Wellington, N.Z. Electric arc lamp. (The British Westinghouse Electric and Manufacturing Company, Limited)	17404	23 Dec. ..	6	21 Jan., 1904.
Carter, H., and another, Melbourne, Vic. Parcel-strap. (J. Kinsella)	17198	30 Oct. ..	91	26 Nov.*
Casgrain, L. A., Winchester, U.S.A. (See United Shoe Machinery Company, No. 16229.)				
Casimir, C., and another, Sydenham, N.Z. Incandescent lamp ..	16406	27 May ..	81	15 Oct.
Cattermole, A. E., London, Eng. Concentrating and classifying ores	17148	28 Oct. ..	91	26 Nov.
Chamberlain, R., and others, Vancouver, B.C. Passing line under submerged vessel	17191	4 Nov. ..	91	26 Nov.
Christie, J., and another, Dunedin, N.Z. Wire-strainer. (W. Borlase)	17374	12 Dec. ..	2	7 Jan., 1904.*
Christie, J., and another, Dunedin, N.Z. Wire cutter, twister, and winder. (W. Borlase)	17324	2 Dec. ..	94	10 Dec.*
Christie, R. L., Gore, N.Z. Plough-scoop	17325	28 Nov. ..	94	10 Dec.*
Christie, T. R., and another, Dunedin, N.Z. Wire cutter, twister, and winder. (W. Borlase)	17324	2 Dec. ..	94	10 Dec.*
Christie, T. R., and another, Dunedin, N.Z. Wire-strainer. (W. Borlase)	17374	12 Dec. ..	2	7 Jan., 1904.*
Clark, D., Drummond, N.Z. Plant-thinning device	16015	19 Feb. ..	94	10 Dec.
Clark, L., Hobsonville, N.Z. Flanging and socketing pipes ..	17105	13 Oct. ..	87	12 Nov.*
Clark, L., Hobsonville, N.Z. Glazing pipes, bricks, &c. ..	17106	13 Oct. ..	87	12 Nov.*
Clark, R. O., jun., Hobsonville, N.Z. Flanging and socketing pipes	17182	30 Oct. ..	91	26 Nov.*
Clark, R. O., jun., Hobsonville, N.Z. Burning pipes, &c. ..	17183	30 Oct. ..	..	..
Clements, S. P., Wellington, N.Z. Venetian-blind	17146	27 Oct. ..	91	26 Nov.*
Cochrane, D. L., Otahuhu, N.Z. Dray-scoop	15712	3 Dec., 1902 ..	84	29 Oct.
Collins, R., Midhurst, N.Z. Toe-protector for boots	16393	28 May ..	2	7 Jan., 1904.
Colman, T., and another, Ngahauranga, N.Z. Tip of billiard-cue ..	17331	5 Dec. ..	94	10 Dec.*
Cook, J., Wellington, N.Z. Ball valve for water-cistern ..	17316	2 Dec. ..	6	21 Jan., 1904.
Cook, J., Wellington, N.Z. Calf-feeding apparatus	17369	14 Dec. ..	2	7 Jan., 1904.
Cooper, C., Mangatoki, N.Z. Milk-weighing machine	17288	25 Nov. ..	2	7 Jan., 1904.*
Cooper, J. E., London, Eng. Anti-friction mechanism	17154	28 Oct. ..	91	26 Nov.
Colonel, A. S., Sydney, N.S.W. Window-furniture. (R. B. Wells)	17383	17 Dec. ..	6	21 Jan., 1904.*
Corrington, M., New York, U.S.A. Fluid-pressure brake	17279	19 Nov. ..	..	..
Coverdale, T., and another, Christchurch, N.Z. Latch lock. (J. Dockery)	17119	19 Oct. ..	91	26 Nov.*
Crafar, W. H., Blenheim, N.Z. Whiffletree	17403	23 Dec. ..	6	21 Jan., 1904.
Crawford, B., Auckland, N.Z. Silencing exhaust of gas-engine ..	15882	15 Jan. ..	84	29 Oct.
Crease, H. E., Karangahake, N.Z. Tooth-brush	17415	23 Dec. ..	6	21 Jan., 1904.
Crosbie, R. M., Dunedin, N.Z. Guide-chute for flax-stripper ..	16388	26 Aug. ..	2	7 Jan., 1904.
Cruickshank, C. M., Gore, N.Z. Water-tap	16765	7 Aug. ..	91	26 Nov.
Cummings, H. G., and others, Vancouver, B.C. Passing line under submerged vessel	17191	4 Nov. ..	91	26 Nov.
Cummings, W. J., and others, Vancouver, B.C. Passing line under submerged vessel	17191	4 Nov. ..	91	26 Nov.
Curwood, A., and another, Bluff, N.Z. Hanging and locking window-sash	17084	1 Oct. ..	87	12 Nov.*
Dahlqvist, J. A., Stockholm, Sweden. Liner for centrifugal-separator drum	17190	4 Nov. ..	94	10 Dec.
Daly, W. P., Greymouth, N.Z. Adjusting-bolster	17442	7 Dec. ..	6	21 Jan., 1904.
Daniell, H., Mosman, N.S.W. (See E. M. Perdriau, No. 17161.)				
Dann, A. C. F., Southsea, Eng. Variable-speed gear	17044	1 Oct. ..	84	29 Oct.
Davidson, J. C., Dannevirke, N.Z. Wire-strainer	17143	20 Oct. ..	91	26 Nov.*
Davis, F. L., Auckland, N.Z. Sash-regulator	16648	17 July ..	2	7 Jan., 1904.
Dearsley, H., Auckland, N.Z. (See The Auckland Co-operative Boot and Shoe Company, Limited, No. 17408.)				
De Laval, C. G. P., Stockholm, Sweden. Treating material in electric furnace	17118	16 Oct. ..	87	12 Nov.
Denniston, S. E., Invercargill, N.Z. Sheep-dipping apparatus ..	15992	13 Feb. ..	87	12 Nov.
Denniston, S. E., Avenal, N.Z. Treating flax	17287	25 Nov. ..	94	10 Dec.*
Denniston, S., Avenal, N.Z. Sheep-dipping apparatus	17406	23 Dec. ..	6	21 Jan., 1904.*
Denton, T. W., East Eyreton, N.Z. Potato-planting attachment to plough	17340	7 Dec. ..	94	10 Dec.*
Dignan, J., Auckland, N.Z. Castrating, docking, and ear-marking instrument	17212	3 Nov. ..	91	26 Nov.*
Dix, H. C., and another, Melbourne, Vic. Disc cultivator	17085	8 Oct. ..	87	12 Nov.
Dixon, M. J., West Eyreton, N.Z. Plough	17200	2 Nov. ..	91	26 Nov.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Dockery, J., Linwood, N.Z. (See W. Strange and T. Coverdale, No. 17119.)				
Douglas, R. R., Dunedin, N.Z. Protector for dredge-bucket and link	17139	24 Oct.	91	26 Nov.*
Douglass, J., Hampden, N.Z. (See J. Wilkinson, No. 17238.)				
Dowling, T. F., Hawera, N.Z. Actuating fire-alarm	17134	22 Oct.	91	26 Nov.*
Du Buit, P., Paris, France. Explosive charge	17334	4 Dec.	2	7 Jan., 1904.
Dunbar, J., Invercargill, N.Z. Ribber for flax-stripper	17347	4 Dec.	2	7 Jan., 1904.
Duncan, D., and another, Eltham, N.Z. Ointment	17421	29 Dec.	6	21 Jan., 1904.*
Duncan, G. S., Melbourne, Vic. Slime-filtering apparatus	17158	29 Oct.	91	26 Nov.*
Duncan, P. and D., Christchurch, N.Z. Cultivator	17256	16 Nov.	94	10 Dec.*
Duncan, P. and D., Christchurch, N.Z. Vehicle road wheel	17257	16 Nov.	94	10 Dec.*
Dunlop, G. H., Melbourne, Vic. Excavating and dredging machinery	17420	29 Dec.	6	21 Jan., 1904.
Dunn, D., Oamaru, N.Z. Wheel-jack	17058	2 Oct.	..	..
Dunne, R., Dunedin, N.Z. (See The New Zealand Mitre-machine Company, Limited, No. 17301.)				
Earl, W. T., Waikari, N.Z. Wire strainer and splicer	17361	11 Dec.	2	7 Jan., 1904.*
Earnshaw, T., and another, Hinds, N.Z. Brake-mechanism	17264	17 Nov.	94	10 Dec.*
East, T. Q., Napier, N.Z. Ship's ventilator	16225	14 April	2	7 Jan., 1904.
Easton, J. A., Dunedin, N.Z. Feed reservoir and box for horses	17398	18 Dec.	2	7 Jan., 1904.*
Edwards, E., and others, Paeroa, N.Z. Door-check	17206	2 Nov.	91	26 Nov.
Edwards, E., Christchurch, N.Z. Harness saddle	17093	9 Oct.	87	12 Nov.
Edwards, T., Colorado Springs, U.S.A. (See G. G. Turri, No. 17418.)				
Ekenberg, M., Stockholm, Sweden. Concentrating and evaporating liquids	17320	3 Dec.	2	7 Jan., 1904.
Ellery, F. J., Raetihi, N.Z. Leg-ropes for cows	17203	5 Nov.	91	26 Nov.*
Ellis, J., Warragul, Vic. Horse-cover fastener	15811	24 Dec., 1902	81	15 Oct.
England, R. W., and another, Christchurch, N.Z. Press for artificial stone	17170	27 Oct.	91	26 Nov.*
England, R. W., jun., Christchurch, N.Z. Artificial-stone block	15991	13 Feb.	94	10 Dec.
England, R. W., jun., Christchurch, N.Z. Artificial-stone block	16008	18 Feb.	94	10 Dec.
Estienne, G. F. R., Paris, France. (See Lamson Store Service Company, Limited, No. 17193.)				
Fairweather, J., and others, Blenheim, N.Z. Selvage-stripping flax-drum	15795	18 Dec., 1902	84	29 Oct.
Fairweather, W., and others, Blenheim, N.Z. Selvage-stripping flax-drum	15795	18 Dec., 1902	84	29 Oct.
Fairweather, W., jun., and others, Blenheim, N.Z. Selvage-stripping flax-drum	15795	18 Dec., 1902	84	29 Oct.
Farra, J. F., Dunedin, N.Z. Cooking-utensil with drainer	17160	26 Oct.	91	26 Nov.*
Faulkner, J. W., Dunedin, N.Z. Gate or window guard	17427	24 Dec.	..	..
Ferrier, W., Timaru, N.Z. Candlestick	17232	12 Nov.	91	26 Nov.*
Fiske, A. J., Melbourne, Vic. Horse-rug fastener	17013	23 Sept.	94	10 Dec.
Flameless Gaslight Company, Limited, London, Eng. Vapour-generator. (W. Hooker)	17419	29 Dec.	6	21 Jan., 1904.
Flanagan, J. R., Christchurch, N.Z. Wheel-lock	17117	17 Oct.	94	10 Dec.*
Folsetter, W., and others, Dallas, U.S.A. Electrostatic magnetic separator	15830	5 Jan.	81	15 Oct.
Foster, G., Auckland, N.Z. Electrical device for preventing slugs, &c.	17307	25 Nov.	94	10 Dec.*
Fowler, G. H., Aylesbury, N.Z. Repairing canvas of tire-cover	17127	21 Oct.	87	12 Nov.*
Fox, G., and another, Leeds, Eng. Manufacture of bricks	17270	19 Nov.	..	..
Frame, L., Oamaru, N.Z. Washing-boiler	17278	19 Nov.	2	7 Jan., 1904.*
Fraser, A., and another, Otago, N.Z. Steam-engine	17060	3 Oct.	84	29 Oct.*
Fraser, J., and another, Otago, N.Z. Steam-engine	17060	3 Oct.	84	29 Oct.*
Friar, W. A., and another, Gisborne, N.Z. Brake for dray	17226	11 Nov.	91	26 Nov.*
Galbraith, D. R. S., and another, Auckland, N.Z. Reducing iron-sand	15661	18 Nov., 1902	81	15 Oct.
Galbraith, D. R. S., and another, Auckland, N.Z. Reducing iron-sand	15662	18 Nov., 1902	81	15 Oct.
Gale, F., and others, Lancefield, Vic. Toy gun	17047	1 Oct.	84	29 Oct.
Gamble, C. G., Waddington, N.Z. Wire-winder	16635	14 July	2	7 Jan., 1904.
Garrett, B. R., Auckland, N.Z. Trolley-arm rollers	17311	28 Nov.	94	10 Dec.*
Gay, J. H., Oamaru, N.Z. Ventilating-window	17336	3 Dec.	94	10 Dec.*
George, J. W., Christchurch, N.Z. Castor	17321	2 Dec.	94	10 Dec.*
Giles, E. L., London, Eng. (See Lamson Store Service Company, Limited, Nos. 17194 and 17195.)				
Gillespie, T., Lawrence, N.Z. Shoe for dredge-bucket link	17372	15 Dec.	2	7 Jan., 1904.
Gillies, J. H., and another, Sydney, N.S.W. Treating ores	17188	4 Nov.	91	26 Nov.*
Glossop, J., Dunedin, N.Z. Sock	17393	17 Dec.	2	7 Jan., 1904.*
Goddu, G., Winchester, U.S.A. (See United Shoe Machinery Company, No. 17380.)				
Goodwin, W., Tuapeka Mouth, N.Z. Operating window-sash	17329	5 Dec.	2	7 Jan., 1904.
Gordon, J. K., and others, Lancefield, Vic. Toy gun	17047	1 Oct.	84	29 Oct.
Gordon, N. R., Carlton, Vic. Producing living movements on screen	17317	3 Dec.	94	10 Dec.*
Grammer, I., and another, Ashhurst, N.Z. Rail-joint	17271	19 Nov.	94	10 Dec.*
Gray, C. E., and another, Hobart, Tas. Coin-freed franking and stamping machine	17386	17 Dec.	2	7 Jan., 1904.*
Green, F. H., Riverton, N.Z. Kettle-hook	15904	26 Jan.	94	10 Dec.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Green, M. R., Kensington Park, S.A. Non-refillable bottle ..	17189	4 Nov.	91	26 Nov.
Greenhill, J., Roslyn, N.Z. Cramp ..	17395	17 Dec.	6	21 Jan., 1904.*
Greer, H. L., and another, Johnsonville, N.Z. Tip of billiard-cue ..	17331	5 Dec.	94	10 Dec.*
Greig, J. S., and another, Stratford, N.Z. Hoe ..	17281	23 Nov.	2	7 Jan., 1904.
Gröndal, G., Djursholm, Sweden. Reducing iron-ore ..	17343	9 Dec.	2	7 Jan., 1904.
Gröndal, G., Djursholm, Sweden. Magnetic separation of iron-ore ..	17344	9 Dec.	2	7 Jan., 1904.
Grove, E., and another, Melbourne, Vic. Distributing liquid in jet spray	17137	20 Oct.	91	26 Nov.*
Gunn, W., Manchester, England. Gas-producer. (C. Whitfield) ..	17151	28 Oct.	91	26 Nov.
Gysinge Aktiebolag, Stockholm, Sweden. Electric furnace. (F. A. Kjellin)	17125	21 Oct.	87	12 Nov.
Hadaway, J. B., Brockton, U.S.A. Channel-flap-laying machine ..	17315	2 Dec.	94	10 Dec.*
Hair, J., Oamaru, N.Z. Shoe for racehorse ..	17140	24 Oct.	87	12 Nov.*
Hamlin, E. A. G., Wellington, N.Z. Rain, dust, and draught excluder for door	17095	13 Oct.	87	12 Nov.*
Hamlin, E. A. G., Wellington, N.Z. Draught, dust, and rain excluder for door	17096	13 Oct.	87	12 Nov.*
Hamlin, E. A. G., Wellington, N.Z. Dust, rain, and draught excluder for door	17097	13 Oct.	87	12 Nov.*
Hamlin, E. A. G., Dannevirke, N.Z. Sash-grip ..	17310	1 Dec.	..	..
Hannan, W. J., Orepuki, N.Z. Brake ..	17209	5 Nov.	91	26 Nov.**
Hardy, A. R., Dunedin, N.Z. Candlestick ..	15875	14 Jan.	84	29 Oct.
Hardy, J. R., Sydney, N.S.W. Brick-kiln ..	17123	21 Oct.	87	12 Nov.
Hardy, J. W., and another, Dunedin, N.Z. Supply and discharge of cistern	17306	25 Nov.	94	10 Dec.*
Harris, J., Wellington, N.Z. Incubator ..	17250	17 Nov.	94	10 Dec.*
Harrison, J., and another, Stewart Island, N.Z. Hanging and locking window-sash	17084	1 Oct.	87	12 Nov.*
Harvey, W. J. M., Rata, N.Z. Engine-governor ..	15835	7 Jan.	84	29 Oct.
Hayne, J. R., Dunedin, N.Z. Pneumatic spring ..	17048	1 Oct.	84	29 Oct.*
Heath, T., Pokororo, N.Z. Castrating-instrument ..	17378	16 Dec.	2	7 Jan., 1904.*
Hement, T. C., Christchurch, N.Z. Sheet-metal pipe ..	17388	17 Dec.	10	4 Feb., 1904.*
Henderson, C. S., Invercargill, N.Z. Pivoting swinging-mirror ..	17262	18 Nov.	94	10 Dec.*
Henderson, J. C., and others, Melbourne, Vic. Operating presser-plate of cheese-press	16793	13 Aug.	91	26 Nov.*
Hercus, J., and another, Dunedin, N.Z. Horn-protector for cattle	17367	10 Dec.	2	7 Jan., 1904.*
Heskett, T. J., Brunswick, Vic. Smelting metallic oxides ..	17333	4 Dec.	94	10 Dec.*
Heskett, T. J., and another, Brunswick, Vic. Treating iron-ore ..	17425	30 Dec.	6	21 Jan., 1904.*
Hewton, A. L., Dunedin, N.Z. Sash raiser and lock. (J. O. Hewton)	17305	25 Nov.	94	10 Dec.*
Hewton, J. O., Dunedin, N.Z. (See A. L. Hewton, No. 17305.)				
Hinton, E., and another, London, Eng. Gas-tap ..	17068	6 Oct.	84	29 Oct.
Hoadley, W. E. C., Melbourne, Vic. Inversion of sugar ..	17345	9 Dec.	2	7 Jan., 1904.*
Holden, G. F., Wallace, Vic. Grain-compressor ..	17284	21 Nov.	2	7 Jan., 1904.
Holland, R., Flemington, N.Z. Pin for shoe of traction-engine ..	17276	22 Nov.	94	10 Dec.*
Holm, C. L., Stockholm, Sweden. Box bearing for rotating shaft..	17294	26 Nov.	2	7 Jan., 1904.
Holms, J., jun., Waimahaka, N.Z. Coupling-link ..	15933	30 Jan.	81	15 Oct.
Holms, J., jun., Waimahaka, N.Z. Clasp for traces, &c. ..	17237	12 Nov.	2	7 Jan., 1904.*
Holt, J. B., and another, Dunedin, N.Z. Steam-box for pressing garments	17201	2 Nov.	91	26 Nov.
Honey, A. A., Chicago, U.S.A. (See D. W. Balch, No. 15826.)				
Hood, W., Dunedin, N.Z. Border spring for chairs, &c. ..	17346	7 Dec.	2	7 Jan., 1904.*
Hooke, W., and another, Wellington, N.Z. Boot sole and heel ..	17120	20 Oct.	91	26 Nov.*
Hooker, W., London, Eng. (See The Flameless Gaslight Company, Limited, No. 17419.)				
Horrocks, L. B., Wellington, N.Z. Vending-machine ..	17303	27 Nov.	94	10 Dec.*
Horrocks, L. B., New Plymouth, N.Z. Anti-rattler for window-sash	17409	24 Dec.	6	21 Jan., 1904.*
Howland, R., Wellington, N.Z. Amalgamator ..	17076	7 Oct.	84	29 Oct.*
Hughes, W. E., Wellington, N.Z. Belt-coupling. (S. Brewerton)..	17067	6 Oct.	84	29 Oct.*
Hughes, W. E., Wellington, N.Z. Cigarette-machine. (British-American Tobacco Company, Limited)	17069	6 Oct.	14	18 Feb., 1904.
Hughes, W. E., Wellington, N.Z. Fluid-pressure turbine. (British Westinghouse Electric and Manufacturing Company, Limited)	17424	4 Dec.	..	..
Hull, A., Kaihu, N.Z. Repairing leaks in metal vessels ..	17252	17 Nov.	94	10 Dec.*
Humble, G. B., and others, Geelong, Vic. Floor-cramp. (G. W. M. McDonald)	17350	10 Dec.	6	21 Jan., 1904.
Humble, T. S., and others, Geelong, Vic. Floor-cramp. (G. W. M. McDonald)	17350	10 Dec.	6	21 Jan., 1904.
Humble, W., and others, Geelong, Vic. Floor-cramp. (G. W. M. McDonald)	17350	10 Dec.	6	21 Jan., 1904.
Humble, W. H., and others, Geelong, Vic. Floor-cramp. (G. W. M. McDonald)	17350	10 Dec.	6	21 Jan., 1904.
Hutchinson, G., Wellington, N.Z. Milking-apparatus ..	17078	7 Oct.	84	29 Oct.*
Hutchinson, G., Wellington, N.Z. Milking-machine ..	15894	23 Jan.	91	26 Nov.
Irvine, J., Napier, N.Z. Preventing fraudulent opening of cases ..	17072	6 Oct.	84	29 Oct.*
Jacobson, S. H., New York, U.S.A. Ventilator ..	16512	20 June, 1902†	78	1 Oct.*
Jaggers, J. A., Whangarei, N.Z. Rowlock ..	17253	17 Nov.	94	10 Dec.*
James, C. E., Alton, N.Z. Backband and shaft-tug ..	17176	3 Nov.	91	26 Nov.*
James, R. E., Dunedin, N.Z. Milk-strainer ..	17196	2 Nov.	91	26 Nov.*
James, W. J., Wanganui, N.Z. Trough ..	17241	16 Nov.	94	10 Dec.*
Jenkins, H., and another, Eltham, N.Z. Ointment ..	17421	29 Dec.	6	21 Jan., 1904.*
Johnson, G. B., London, Eng. Rolling sheet-metal strips ..	17223	11 Nov.	94	10 Dec.

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Jones, E., Wellington, N.Z. Elevator	17411	24 Dec. ..	6	21 Jan., 1904.*
Jones, F. J., Wellington, N.Z. Extensible bracket	17330	5 Dec. ..	94	10 Dec.*
Jones, F. J., Wellington, N.Z. Hat-support beneath chair	17377	16 Dec. ..	10	4 Feb., 1904.
Jones, F. J., Wellington, N.Z. Kiln for drying timber. (A. H. Andrews and Co.—H. J. Morton)	17285	28 Nov. ..	94	10 Dec.*
Jorgenson, O. A., and another, Wellington, N.Z. Window-sash ..	17089	9 Oct. ..	87	12 Nov.*
Kemp, J., New Plymouth, N.Z. Tailboard of tip dray	17064	5 Oct. ..	84	29 Oct.
Kennedy, C. D., and another, Napier, N.Z. Spanner	17110	15 Oct. ..	84	29 Oct.
Kerr, H., and another, Drummond, N.Z. Seed-sower	17368	10 Dec. ..	2	7 Jan., 1904.*
Kilkelly, M. J., and another, Grove Bush, N.Z. Belt-fastener ..	17114	15 Oct. ..	87	12 Nov.*
Kilkelly, T., and another, Grove Bush, N.Z. Belt-fastener ..	17114	15 Oct. ..	87	12 Nov.*
Kinsella, J., Camberwell, Vic. (See H. Carter and R. T. Paterson, No. 17198.)				
Kirkpatrick-Picard, H. F., and another, London, Eng. Ore-concentration	17147	28 Oct. ..	91	26 Nov.
Kjellin, F. A., Gysinge, Sweden. (See Gysinge Aktiebolag, No. 17125.)				
Knapp, A. J., Totara Flat, N.Z. Railway-coupling	17178	3 Nov. ..	91	26 Nov.*
Knapp, A. V., Wellington, N.Z. Expanding horses' hoofs	17309	1 Dec. ..	94	10 Dec.*
Knewstubs, E., Port Chalmers, N.Z. Depositing dredged material	17164	23 Oct. ..	94	10 Dec.*
Knight, J. I., and another, Auckland, N.Z. Saddle	17204	2 Nov. ..	91	26 Nov.*
Knowles, C. H., and another, Wanganui, N.Z. Speedily stopping ships, &c.	17362	11 Dec. ..	2	7 Jan., 1904.*
Knox, A., Brisbane, Queensland. Electrical clock	17210	3 Nov. ..	94	10 Dec.
Lafranchi, A., Cardrona, N.Z. Fog-horn	17081	2 Oct. ..	84	29 Oct.*
Lambert, F., Waikaremoana, N.Z. Lock-gate	17174	30 Oct. ..	91	26 Nov.*
Lamson Store Service Company, Limited, London, Eng., and Sydney, N.S.W. Despatch-carrier. (C. F. R. Estienne)	17193	4 Nov. ..	2	7 Jan., 1904.
Lamson Store Service Company, Limited, London, Eng., and Sydney, N.S.W. Tube-bending machine. (E. L. Giles)	17194	4 Nov. ..	2	7 Jan., 1904.
Lamson Store Service Company, Limited, London, Eng., and Sydney, N.S.W. Despatch-system receiving-terminal. (E. L. Giles)	17195	4 Nov. ..	2	7 Jan., 1904.
Lamson Store Service Company, Limited, London, Eng. Despatch-carrier. (H. Burl)	17269	19 Nov. ..	94	10 Dec.
Lancaster, E. W., Westminster, Eng. Bath	17240	16 Nov. ..	94	10 Dec.
Laval, De. (See under De.)				
Lawrence, A., and another, Christchurch, N.Z. Packing eggs ..	17273	19 Nov. ..	94	10 Dec.*
Lawrence, F. J., and another, Christchurch, N.Z. Packing eggs ..	17273	19 Nov. ..	94	10 Dec.*
Leach, G., Melbourne, Vic. Cream-separator	17159	29 Oct. ..	91	26 Nov.*
Leach, J. D., Dargaville, N.Z. Operating venetian-blind	17122	20 Oct. ..	87	12 Nov.*
Leith, A., Auckland, N.Z. Cow leg-bail and tail-holder	17382	16 Dec. ..	2	7 Jan., 1904.*
Leland, S. D., Winchester, U.S.A. (See United Shoe Machinery Company, No. 15827.)				
Levings, A., Bluff, N.Z. Mitre-box and cramp	17082	1 Oct. ..	84	29 Oct.*
Lewis, A. M., Wellington, N.Z. Liquid-filter	17075	7 Oct. ..	94	29 Oct.*
Light, A. H., and another, Auckland, N.Z. Insecticide	17396	18 Dec. ..	2	7 Jan., 1904.*
Lightband, C. D., Wellington, N.Z. Boot-polishing machine	17387	17 Dec. ..	2	7 Jan., 1904.*
Lightband, H., Christchurch, N.Z. Tire-cover	17428	31 Dec. ..	10	4 Feb., 1904.*
Littleproud, A., and another, Auckland, N.Z. Printing name on glass panel	17289	24 Nov. ..	94	10 Dec.*
Lombard, N., Worcester, U.S.A. Governor	17399	18 Dec. ..	6	21 Jan., 1904.
Loneragan, W. H., and another, Providence, R.I., U.S.A. (See G. W. Basley, No. 17145.)				
Lotz, A., San Francisco, U.S.A. Carpet-renovator	17415	22 Dec. ..	10	4 Feb., 1904.
Lough, H., Christchurch, N.Z. Cash or parcel transmitter	17144	22 Oct. ..	94	10 Dec.
Love, J. H., and another, Auckland, N.Z. Saddle	17204	2 Nov. ..	91	26 Nov.*
Lowe, G. I., Palmerston North, N.Z. Flax-scutchter	17371	15 Dec. ..	2	7 Jan., 1904.*
Lucas, F., and another, Christchurch, N.Z. Press for artificial stone	17170	27 Oct. ..	91	26 Nov.*
Lungley, C. F., Albert Park, Vic. Treatment of ironsand	17130	8 Oct. ..	87	12 Nov.
Lusk, R. B., Auckland, N.Z. Dressing flax	17179	3 Nov. ..	91	26 Nov.*
Lyford, C., Tauherenikau, N.Z. Tying flax	17073	7 Oct. ..	84	29 Oct.*
Lyle, J., Surrey, Eng. (See A. J. Cadman, Nos. 17245 and 17246.)				
Mabin, F. B., and another, Wellington, N.Z. Boot sole and heel ..	17120	20 Oct. ..	91	26 Nov.*
Macalister, J., Invercargill, N.Z. Chain-drive manure-feed	17116	15 Oct. ..	87	12 Nov.*
Macalister, J., Invercargill, N.Z. Ridging-machine	17115	15 Oct. ..	87	12 Nov.*
MacCann, J. W., and another, Christchurch, N.Z. Fly-catcher ..	17397	19 Dec. ..	..	..
Macdonald, D. C., Campbelltown, N.Z. Treating grain	17370	14 Dec. ..	2	7 Jan., 1904.
Macintosh, J. M., Brunswick, Vic. Sash-fastener	16372	19 May ..	2	7 Jan., 1904.
Macky, J. J., Auckland, N.Z. Door-handle fastening	17416	23 Dec. ..	6	21 Jan., 1904.*
Magnus, P., Collingwood, Vic. Preparing leather	16139	26 March ..	84	29 Oct.
Mahoney, F. J., and another, Christchurch, N.Z. Incandescent lamp	16406	27 May ..	81	15 Oct.
Manning, W. H., and others, Auckland, N.Z. Door-check	17206	2 Nov. ..	91	26 Nov.
Manton, J. A., and another, Parramatta, N.S.W. Billiard-score indicator	17381	17 Dec. ..	2	7 Jan., 1904.*
Marks, J., Devonport, N.Z. Hose-coupling	17359	8 Dec. ..	2	7 Jan., 1904.*
Marshall, W. H., and another, Christchurch, N.Z. Muffling sound of explosion in motors	17055	1 Oct. ..	84	29 Oct.*
Martin, W. A., Albury, N.S.W. Heel-piece for boots	17083	2 Oct. ..	87	12 Nov.*
Matthews, J. J., Maldon, Vic. Acetylene-generator	17100	15 Oct. ..	87	12 Nov.
May, T. W., Auckland, N.Z. Water-closet cistern	17291	23 Nov. ..	94	10 Dec.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
McCarthy, M., Miller's Flat, N.Z. Rabbit-poison	17364	9 Dec. ..	6	21 Jan., 1904.*
McCarthy, T., and another, Dunedin, N.Z. Fancy confections ..	17079	2 Oct. ..	..	..
McCulloch, A. H., Sydney, N.S.W. Preventing escape of volatile from fixed carbon in coal	17390	18 Dec. ..	..	..
McCutcheon, C. O., and another, Christchurch, N.Z. Well-sinking apparatus	17254	16 Nov. ..	94	10 Dec.*
McDonald, A., and another, Riccarton, N.Z. Rod for wheel ..	17099	10 Oct. ..	87	12 Nov.*
McDonald, G. W. M., Geelong, Vic. (See W., T. S., W. H., and G. B. Humble, No. 17350.)				
McKenzie, D., Dunedin, N.Z. Pen holder finger-guide	15817	30 Dec., 1902 ..	81	15 Oct.
McLeod, A., Auckland, N.Z. Marking-stamp	17299	25 Nov. ..	94	10 Dec.*
McLeod, W., Woodbury, N.Z. Nail and staple drawer	17168	28 Oct. ..	91	26 Nov.*
McPharlin, A. J., Auckland, N.Z. Bag for collecting kauri-gum ..	17059	3 Oct. ..	84	29 Oct.*
McPhee, J. H. A., Dunedin, N.Z. Reducing iron-ore	17112	15 Oct. ..	87	12 Nov.*
McPherson, J. O., Fortrose, N.Z. Fencing-dropper	17109	16 Oct. ..	91	26 Nov.*
			2	7 Jan., 1904.
Mercer, C. B., Dunedin, N.Z. Music-leaf turner	17113	15 Oct. ..	87	12 Nov.*
Meyer, P., and another, Motu, N.Z. Brake for dray	17226	11 Nov. ..	91	26 Nov.*
Midgley, E., London, Eng. (See E. Waters, jun., No. 17356.)				
Miller, A., and another, Dunedin, N.Z. Rail-joint	17274	18 Nov. ..	94	10 Dec.*
Miller, J., Dunedin, N.Z. Envelope	17091	5 Oct. ..	94	10 Dec.
Miller, J., Dunedin, N.Z. Wrapper	16733	16 Dec. ..	2	7 Jan., 1904.
Miller, J. A., and another, Melbourne, Vic. Phonographic and stereoscopic apparatus	17046	1 Oct. ..	84	29 Oct.
Miller, J. J., and another, Melbourne, Vic. Phonographic and stereoscopic apparatus	17046	1 Oct. ..	84	29 Oct.
Mills, E. G., South Yarra, Vic. Manufacturing white-lead ..	17043	1 Oct. ..	84	29 Oct.*
Moir, J., Johannesburg, Transvaal. Detecting and estimating gold	17155	28 Oct. ..	91	26 Nov.
Monsley, G., Brunswick, Vic. (See Tye and Co. Proprietary, Limited, No. 17220.)				
Montgomerie, R. A., Aberfeldie, N.Z. Fencing-wire	17224	11 Nov. ..	94	10 Dec.
Moore, M., and another, Melbourne, Vic. Treating iron-ore ..	17425	30 Dec. ..	6	21 Jan., 1904.*
Morgan, H. E. J., Midland Junction, W.A. Tobacco-pipe ..	16055	6 March ..	2	7 Jan., 1904.
Morgan, J., Dunedin, N.Z. Rope buckle	17272	20 Nov. ..	2	7 Jan., 1904.
Morris, T., Dunedin, N.Z. Peg for fixing traps, tents, &c. ..	15920	27 Jan. ..	87	12 Nov.
Mortimer, W. G., Toorak, Vic. Pot-cleaner	17242	16 Nov. ..	94	10 Dec.
Morton, H. J., Chicago, U.S.A. (See F. J. Jones, No. 17285.)				
Morton, J., and another, St. Louis, U.S.A. Chlorination-barrel ..	17352	10 Dec. ..	2	7 Jan., 1904.
Moss, B., Melbourne, Vic. Adjusting candles for carriage-lamps ..	17295	26 Nov. ..	94	10 Dec.*
Murphy, M., Winton, Tasmania. (See M. D. Synnot, No. 17357.)				
Naismith, N., St. Andrew's, N.Z. Dutch and drag hoe	17142	23 Oct. ..	94	10 Dec.*
Nankivell, E. H., Waikouaiti, N.Z. Oiling idle pinions and pulleys	17335	3 Dec. ..	94	10 Dec.*
National Cash Register Company, Dayton, U.S.A. (See G. W. Basley, Nos. 17348 and 17349.)				
Natural Food Company, Niagara, U.S.A. Manufacture of biscuits. (H. D. Perky)	17152	28 Oct. ..	91	26 Nov.
Needham, L. A., and another, Wellington, N.Z. Window-sash ..	17089	9 Oct. ..	87	12 Nov.*
Nelson, G., Napier, N.Z. Refrigerating machinery	17376	15 Dec. ..	6	21 Jan., 1904.
Nettheim, C., and another, Sydney, N.S.W. Boot	17319	3 Dec. ..	94	10 Dec.*
Newson, F., Auckland, N.Z. Game	17292	19 Nov. ..	94	10 Dec.*
New Zealand Mitre-machine Company, Limited, Dunedin, N.Z. Mitre-cutter rest. (R. Dunne)	17301	23 Nov. ..	94	10 Dec.*
Nicholas, A. J., Wallace, N.Z. Target	17407	23 Dec. ..	6	21 Jan., 1904.*
Nicholson, S., Gore, N.Z. Inner tube for motor car	17244	16 Nov. ..	94	10 Dec.*
Noonan, J. H., and another, Auckland, N.Z. Billiard-rest ..	17417	23 Dec. ..	6	21 Jan., 1904.*
Oakes, C. S., and another, Parramatta, N.S.W. Billiard-score indicator	17381	17 Dec. ..	2	7 Jan., 1904.*
O'Brien, T. E., Narrabri, N.S.W. Bottle	17157	29 Oct. ..	..	..
O'Connor, T. B., and another, Auckland, N.Z. Billiard-rest ..	17417	23 Dec. ..	6	21 Jan., 1904.*
O'Hara, W. J., Papatoetoe, N.Z. Wagon	17172	27 Oct. ..	91	26 Nov.*
Ohlsson, O., Sodertelge, Sweden. Centrifugal separator ..	17228	12 Nov. ..	94	10 Dec.
Ohlsson, O., Sodertelge, Sweden. Supporting and driving device for rotating parts	17229	12 Nov. ..	94	10 Dec.
Oldham, O., Denton, Eng. Jig-pulley for mines	17070	6 Oct. ..	84	29 Oct.
Oliver, H., Hororata, N.Z. Adjusting gate on mounting ..	17255	14 Nov. ..	94	10 Dec.*
Olsen, H. O., Melbourne, Vic. Artificial stone	17283	21 Nov. ..	2	7 Jan., 1904.
Osmond, S. J., Laura, S.A. Washing-machine	16285	30 April ..	91	26 Nov.*
Otway, A. E., Invercargill, N.Z. Flax-cutter	17126	17 Oct. ..	87	12 Nov.*
Painter, C. J., Woodville, N.Z. Whisk and churner	17121	20 Oct. ..	91	26 Nov.*
Palmer, J. E., Otokia, N.Z. Branding-compound	15837	5 Jan. ..	2	7 Jan., 1904.
Park, A. J., Dunedin, N.Z. Shackle and snatch-block. (W. Beamish)	17323	2 Dec. ..	94	10 Dec.*
Parker, A., Dannevirke, N.Z. Boot-polisher	17071	6 Oct. ..	84	29 Oct.*
Parker, A., Dannevirke, N.Z. Dust and draught excluder for door	16376	19 May ..	81	15 Oct.
Parker, B., Coimadaí, Vic. Destroying rabbits, &c.	15985	13 Feb. ..	94	10 Dec.
Parker, B., Coimadaí, Vic. Destroying rabbits	17234	10 Nov. ..	94	10 Dec.
Parkerson, R. K., Ealing, N.Z. Propelling vessels	17275	18 Nov. ..	94	10 Dec.*
Parks, T. A., and others, Romsey, Vic. Toy gun	17047	1 Oct. ..	84	29 Oct.
Parry, T. G. A., Christchurch, N.Z. Castor	17184	30 Oct. ..	91	26 Nov.*
Paterson, F. W., Dunedin, N.Z. Vote-recorder	17199	30 Oct. ..	91	26 Nov.*
Paterson, J., Gisborne, N.Z. Bicycle attachment	15788	17 Dec., 1902..	81	15 Oct.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Paterson, R. T., and another, Melbourne, Vic. Parcel-strap. (J. Kinsella)	17198	30 Oct. ..	91	26 Nov.*
Patterson, J. G., Manchester, Eng. Coal-cutting machine ..	17150	28 Oct. ..	91	26 Nov.
Paul, J. H., Riverside, Eng. Manufacture of hydrocyanic acid ..	17259	18 Nov. ..	94	10 Dec.
Payne, F. W., Dunedin, N.Z. Lock-nut	16367	13 May ..	78	1 Oct.
Payne, W., and another, Sydney, N.S.W. Treating ores ..	17188	4 Nov. ..	91	26 Nov.*
Pedersen, M., Dursley, Eng. Cream-separator ..	17314	2 Dec. ..	2	7 Jan., 1904.
Pennington, R. E., Carlton, Vic. Nut-locking spring washer ..	17318	3 Dec. ..	6	21 Jan., 1904.
Perdriau, E. M., Drummoyne, N.S.W. Overcoat. (H. Daniell)	17161	24 Oct. ..	94	10 Dec.*
Perky, H. D., Niagara, U.S.A. (See The Natural Food Company, No. 17152.)				
Petersen, O., Christchurch, N.Z. Sandal	17304	26 Nov. ..	94	10 Dec.*
Petford, J., Auckland, N.Z. Water-tank and cooling-chamber ..	17298	24 Nov. ..	10	4 Feb., 1904.*
Picard. (See Kirkpatrick-Picard.)				
Pond, J. A., Auckland, N.Z. Sterilising and drying bones ..	17136	20 Oct. ..	87	12 Nov.
Prestidge, J., Hororata, N.Z. Castrating lambs	17197	3 Nov. ..	91	26 Nov.*
Prichard, N. S., and another, Hinds, N.Z. Brake mechanism ..	17264	17 Nov. ..	94	10 Dec.*
			6	21 Jan., 1904.
			91	26 Nov.*
Purdie, J., Dunedin, N.Z. Wave motor	17175	2 Nov. ..	6	21 Jan., 1904.
Purser, E., Wanganui, N.Z. Rain-water separator	17162	27 Oct. ..	91	26 Nov.*
Ramage, J., Balclutha, N.Z. Tap	17169	27 Oct. ..	2	7 Jan., 1904.
Ramsay, J., Invercargill, N.Z. Hair-curler	17218	10 Nov. ..	91	26 Nov.*
Rathbun, H. E., and another, Providence, R.I., U.S.A. (See G. W. Basley, No. 17145.)				
Renner, G., and another, Kaikoura, N.Z. Pegless clothes-line ..	17063	5 Oct. ..	84	29 Oct.*
Rice, W. S., Adams, U.S.A. Hernia truss	17230	12 Nov. ..	94	10 Dec.
Richmond, A. P., Marrickville, N.S.W. Therapeutic apparatus ..	17267	19 Nov. ..	2	7 Jan., 1904.
Riddell, W., Dunedin, N.Z. Beam scales	17165	21 Oct. ..	91	26 Nov.
Ritscher, J., Melbourne, Vic. Throw-crank for cycle	17363	11 Dec. ..	2	7 Jan., 1904.*
Robertson, J., and another, Lawrence, N.Z. Seed-sower ..	15550	16 Oct., 1902 ..	81	15 Oct.
Robertson, J., Waitati, N.Z. Driving-mechanism for ditch-plough elevator	17312	27 Nov. ..	94	10 Dec.*
Robertson, P. F. A., and another, Lawrence, N.Z. Seed-sower ..	15550	16 Oct., 1902 ..	81	15 Oct.
Robinson, A. A., and another, Moorooka, Queensland. Butter tinning and printing machine	15543	23 Oct., 1902 ..	2	7 Jan., 1904.
Robinson, J., and another, Auckland, N.Z. Insecticide ..	17396	18 Dec. ..	2	7 Jan., 1904.*
Robinson, J. T., Auckland, N.Z. Lift and sole press knife for boot-manufacturing	17236	11 Nov. ..	94	10 Dec.*
Ross, A., and another, Napier, N.Z. Flax combing and washing machine	17412	24 Dec. ..	6	21 Jan., 1904.
Ross, A., and another, Napier, N.Z. Treating flax-fibre ..	17405	23 Dec. ..	..	..
Ross, T. J., Auckland, N.Z. Ship's raft	17107	16 Oct. ..	91	26 Nov.*
Ross, W., and another, Napier, N.Z. Flax combing and washing machine	17412	24 Dec. ..	6	21 Jan., 1904.
Ross, W., and another, Napier, N.Z. Treating flax-fibre ..	17405	23 Dec. ..	..	..
Rossiter, E. A., Perth, W.A. Wheel-rim. (Wallington, Weston, and Co.)	17186	4 Nov. ..	..	..
Rottman, F. J., London, Eng. (See C F. Büinz, No. 16358.)				
Rounthwaite, R. S., Wellington, N.Z. Dipping wood blocks in tar	17375	15 Dec. ..	2	7 Jan., 1904.*
Sargent, H. M., and another, Auckland, N.Z. Printing name on glass panel	17289	24 Nov. ..	94	10 Dec.*
Sargood, P. R., and another, Dunedin, N.Z. Steam-box for pressing garments	17201	2 Nov. ..	91	26 Nov.
Sargood, P. R., Wellington, N.Z. Collar	17177	3 Nov. ..	..	..
Schnitzer, H., Dresden, Germany. Food-warming apparatus ..	17422	30 Dec. ..	6	21 Jan., 1904.*
Scott, S., Wellington, N.Z. Crimping and cutting shortbread ..	17090	9 Oct. ..	87	12 Nov.*
Seldon, A. T., and another, Broken Hill, Queensland. Gold-saving vat	17205	2 Nov. ..	91	26 Nov.*
Sellars, W. J., Christchurch, N.Z. Manufacture of skewers, spiles, &c.	17379	16 Dec. ..	2	7 Jan., 1904.*
Shaw, E., London, Eng. Extract of coffee	17131	20 Oct. ..	87	12 Nov.
Shelton, F. J., Wellington, N.Z. Heating kitchen-ranges, &c. ..	17308	28 Nov. ..	94	10 Dec.*
Shillito, B. S., and another, Christchurch, N.Z. Castor	17062	3 Oct. ..	84	29 Oct.*
Shillito, R. S., and another, Christchurch, N.Z. Castor	17062	3 Oct. ..	84	29 Oct.*
Skinner, J. R., Christchurch, N.Z. Boot-heel	17402	22 Dec. ..	6	21 Jan., 1904.*
Skipwith, R. H., Christchurch, N.Z. Door-lock	17365	11 Dec. ..	2	7 Jan., 1904.*
Slack, W. F., Wellington, N.Z. Indicating depth of water beneath vessel	17166	29 Oct. ..	91	26 Nov.*
Sleight, J. S., Kaukapakapa, N.Z. Rail-joint	17326	5 Dec. ..	94	10 Dec.*
Smith, J. J., Wellington, N.Z. Advertising	17355	10 Dec. ..	..	..
Smith, T., Greymouth, N.Z. Diamond-drill borer	17400	21 Dec. ..	10	4 Feb., 1904.*
Standen, W. J., Pleasant Point, N.Z. Cutting and tailing lambs ..	17322	2 Dec. ..	94	10 Dec.*
Staples, W., Wellington, N.Z. Boot	16007	20 Feb. ..	84	29 Oct.
Stedman, S. R., and another, Dunedin, N.Z. Rod for wheels ..	17099	10 Oct. ..	87	12 Nov.*
Steele, E. G., and others, Dallas, U.S.A. Electrostatic magnetic separator	15830	5 Jan. ..	81	15 Oct.
Steele, R., and another, Waverley, N.S.W. Boot	17319	3 Dec. ..	94	10 Dec.*
Steele, W. L., and others, Dallas, U.S.A. Electrostatic magnetic separator	15830	5 Jan. ..	81	15 Oct.
Stephens, J., Auckland, N.Z. Door-lock	17092	10 Oct. ..	87	12 Nov.*
Stewart, J., Invercargill, N.Z. Spreading polish on floors ..	17373	11 Dec. ..	2	7 Jan., 1904.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Stewart, W., and another, Auckland, N.Z. Reducing ironsand ..	15661	18 Nov., 1902..	81	15 Oct.
Stewart, W., and another, Auckland, N.Z. Reducing ironsand ..	15662	18 Nov., 1902..	81	15 Oct.
Stock, W., and another, Napier, N.Z. Spanner ..	17110	15 Oct. ..	84	29 Oct.
Stokes, W., Woolston, N.Z. Graphophone-reproducer ..	17296	27 Nov. ..	94	10 Dec.*
Storrie, A., Invercargill, N.Z. Thinning turnips ..	17280	23 Nov. ..	94	10 Dec.*
Strange, W., and another, Christchurch, N.Z. Latch-lock. (J. Dockery)	17119	19 Oct. ..	91	26 Nov.*
Stringfellow, C., Auckland, N.Z. Button-fastener ..	17360	11 Dec. ..	2	7 Jan., 1904.*
Suckling, J. H., and another, Christchurch, N.Z. Muffling sound of explosion in motors	17055	1 Oct. ..	84	29 Oct.*
Sulman, H. L., and another, London, Eng. Ore-concentration ..	17147	28 Oct. ..	91	26 Nov.
Sutton, H. M., and others, Dallas, U.S.A. Electro-static magnetic separator	15830	5 Jan. ..	81	15 Oct.
Sutton, W., Hedgehope, N.Z. Strengthening gear of disc harrow ..	17358	8 Dec. ..	2	7 Jan., 1904.*
Synnot, M. D., Melbourne, Vic. Trapping rabbits. (M. Murphy) ..	17357	8 Dec. ..	2	7 Jan., 1904.
Tagell, J., Bethanga, Vic. Valve ..	17208	5 Nov. ..	91	26 Nov.*
Taylor, A., and another, Dunedin, N.Z. Button ..	17180	29 Oct. ..	91	26 Nov.*
Taylor, F. W., and another, Wanganui, N.Z. Speedily stopping ships, &c.	17362	11 Dec. ..	2	7 Jan., 1904.*
Taylor, J. E., and another, Christchurch, N.Z. Fly-catcher ..	17397	19 Dec. ..	..	..
Taylor, R. R., Roslyn, N.Z. Marl brick ..	17163	23 Oct. ..	2	7 Jan., 1904.*
Theobald, J., Wellington, N.Z. Shaft-tug for harness ..	17351	10 Dec. ..	2	7 Jan., 1904.*
Thomas, J. W., and another, Christchurch, N.Z. Well-sinking apparatus	17254	16 Nov. ..	94	10 Dec.*
Thomson, C., Gore, N.Z. Colouring photographs ..	17413	24 Dec. ..	6	21 Jan., 1904.
Thurlby, A., Christchurch, N.Z. Bicycle attachment ..	17366	11 Dec. ..	10	4 Feb., 1904.*
Tolman, J. S., and another, Hobart, Tas. Coin freed franking and stamping machine	17386	17 Dec. ..	2	7 Jan., 1904.*
Tonge, J., jun., Westhoughton, Eng. Mining-drill ..	17302	24 Nov. ..	2	7 Jan., 1904.
Tregea, J., and Co. (See J. Robinson and A. H. Light, No. 17396.)				
Trevethick, J., Auckland, N.Z. Manufacture of brushes ..	17141	26 Oct. ..	87	12 Nov.
Tully, C. J., Greytown North, N.Z. Wheel-lock and rein-holder ..	17128	22 Oct. ..	91	26 Nov.
Tully, C. J., Greytown North, N.Z. Wheel-lock and rein-holder ..	17129	22 Oct. ..	91	26 Nov.
Turner, W. N., Ipswich, Eng. Separating metals ..	17261	18 Nov. ..	94	10 Dec.
Turri, G. G., Melbourne, Vic. Ore-furnace. (T. Edwards)	17418	29 Dec. ..	10	4 Feb., 1904.
Tye and Co. Proprietary, Limited, Melbourne, Vic. Roller-blind controller. (G. Monsley)	17220	11 Nov. ..	91	26 Nov.*
Uddstrom, C., Greymouth, N.Z. Wire-woven-mattress frame ..	17265	14 Nov. ..	94	10 Dec.*
United Shoe Machinery Company, Paterson, U.S.A. Heel-com pressing machine. (S. D. Leland)	15827	5 Jan. ..	84	29 Oct.
United Shoe Machinery Company, Paterson, U.S.A. Heel-com pressing machine. (C. L. Allen)	15828	5 Jan. ..	84	29 Oct.
United Shoe Machinery Company, Paterson, U.S.A. Nailing-machine. (L. A. Casgrain)	16229	15 April ..	94	10 Dec.
United Shoe Machinery Company, Paterson, U.S.A. Nailing-machine. (G. Goddu)	17380	17 Dec. ..	2	7 Jan., 1904.*
Urquhart, D., Islington, N.Z. Printing sheep-bags and adjusting length	15891	20 Jan. ..	87	12 Nov.
Vanstone, F. R., Little River, N.Z. Fencing-dropper ..	17258	14 Nov. ..	94	10 Dec.*
Van Westrum, L. S., Berlin, Germany. Road-making ..	17342	9 Dec. ..	2	7 Jan., 1904.
Van Westrum, L. S., Berlin, Germany. Sprinkling roads to prevent dust	17260	18 Nov. ..	94	10 Dec.
Veron, E., Granville, N.S.W. Raising sunken vessels ..	17133	22 Oct. ..	91	26 Nov.*
Waites, B., Johannesburg, Transvaal. Mineral concentrator and classifier	17231	12 Nov. ..	94	10 Dec.
Wales, R., Dunedin, N.Z. Cutting material to form mitre-joints ..	17235	11 Nov. ..	94	10 Dec.*
Walker, J., Brisbane, Queensland. Dress-stand figure ..	17221	11 Nov. ..	94	10 Dec.
Walker, W. R., Auckland, N.Z. Knee-pad ..	17290	24 Nov. ..	94	10 Dec.*
Wallington, Weston, and Co., Frome, Eng. (See E. A. Rossiter, No. 17186.)				
Wallis, G. P., and another, Leeds, Eng. Manufacture of bricks ..	17270	19 Nov. ..	..	..
Walpole, R. W., Opuia, N.Z. Beverage ..	17286	25 Nov. ..	94	10 Dec.*
Walsh, L. A., Remuera, N.Z. Fish-hook ..	17251	17 Nov. ..	94	10 Dec.*
Ward, A., Waikawa Valley, N.Z. Yoke for pigs ..	15901	21 Jan. ..	87	12 Nov.
Ward, S. A., and another, Stratford, N.Z. Hoe ..	17281	23 Nov. ..	2	7 Jan., 1904.
Warne, A. E., Nowra, N.S.W. Ore-concentrator ..	16656	15 July ..	87	12 Nov.
Warrington, R. G., Hawera, N.Z. Clamping milk-tin in cart ..	17167	29 Oct. ..	91	26 Nov.
Waters, E., jun., Melb urne, Vic. Tire-cover: (E. Midgley)	17356	8 Dec. ..	2	7 Jan., 1904.*
Watson, A. E., Kyneton, Vic. Agricultural rotary-scraper mounting	17216	6 Nov. ..	91	26 Nov.*
Watson, J., Wellington, N.Z. Shop-window frame ..	17249	17 Nov. ..	94	10 Dec.
Watson, R. S., Islington, N.Z. Cleaning pipes of refrigerating-apparatus	17313	2 Dec. ..	94	10 Dec.*
Watt, J. R., Islington, N.Z. Coverings of walls of houses ..	17389	7 Oct. ..	2	7 Jan., 1904.
Webb, J., Arrowtown, N.Z. Luring birds to take poison ..	16034	26 Feb. ..	2	7 Jan., 1904.
Webb, J. A., Melbourne, Vic. Bag and package receiver	17337	7 Dec. ..	94	10 Dec.*
Webster, H., Cheltenham, N.Z. Interchangeable-blade hoe ..	17243	14 Nov. ..	94	10 Dec.*
Wellman, H. P., Melbourne, Vic. Elevating gate ..	15962	10 Feb. ..	94	10 Dec.
Wells, R. B., Wellington, N.S.W. (See A. S. Coronel, No. 17383.)				
Westrum, Van. (See under V.)				

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Whitburn, S., Mercer, N.Z. Frying-pan cover ..	17341	7 Dec.	10	4 Feb., 1904.
White, C. J., and another, Melbourne, Vic. Distributing liquid in jets ..	17137	20 Oct.	91	26 Nov.*
White, R., Auckland, N.Z. Earth-scoop ..	17207	2 Nov.	91	26 Nov.
White, S. Dunedin, N.Z. Extinguishing fallin oil-lamp ..	17111	15 Oct.	91	26 Nov.*
White, W., Cromwell, N.Z. Fencing-standard ..	17227	19 Oct.	..	..
White, W., Cromwell, N.Z. Wire standard ..	17087	22 Nov.	94	10 Dec.*
Whitfield, C., Northampton, Eng. (See W. Gunn, No. 17151.)	..	..	..	..
Whitney, A. N., Melbourne, Vic. Vessel ..	17233	10 Nov.	94	10 Dec.*
Wight, R. B., Auckland, N.Z. Beverage ..	17297	25 Nov.	94	10 Dec.*
Wilkins, T., Lawrence, N.Z. Knife-cleaner ..	16023	25 Feb.	2	7 Jan., 1904.
Wilkins, T., Lawrence, N.Z. Tobacco-cutter ..	17045	1 Oct.	84	29 Oct.*
Wilkinson, J., Dunedin, N.Z. Hurdle. (J. Douglass) ..	17238	12 Nov.	94	10 Dec.*
Williams, H., Lyttelton, N.Z. Life-saving raft ..	15934	2 Feb.	91	26 Nov.
Williams, J., Hawthorndale, N.Z. Drain-plough ..	17094	7 Oct.	87	12 Nov.*
Williams, J. C., Christchurch, N.Z. Washing-tablet ..	17277	21 Nov.	94	10 Dec.*
Wilson, E. J., Jeetho, Vic. Plough for cutting out tussocks, &c. ..	17077	7 Oct.	84	29 Oct.*
Wilson, E. J., Jeetho, Vic. Plough ..	17103	15 Oct.	87	12 Nov.
Wilson, N., jun., Warkworth, N.Z. Stirrup-iron ..	17239	16 Nov.	94	10 Dec.
Wilson, T., and another, Ashhurst, N.Z. Rail-joint ..	17271	19 Nov.	94	10 Dec.*
Winten, J. A., Mitchell, Queensland. Race-starter ..	17426	30 Dec.	..	..
Wiseman, J., Auckland, N.Z. Sash-lock ..	17293	26 Nov.	94	10 Dec.*
Woodhead, J., and another, Drummond, N.Z. Seed-sower ..	17368	10 Dec.	2	7 Jan., 1904.*
Woolcott, H. S., Wellington, N.Z. Drain-pipe connection ..	17332	7 Dec.	94	10 Dec.*
Woolcott, H. S., Wellington, N.Z. High- and low-pressure tap ..	17263	18 Nov.	94	10 Dec.*
Worthington, H. R., New York, U.S.A. Direct-acting engine. (W. C. Brown)	17353	10 Dec.	2	7 Jan., 1904.
Worthington, H. R., New York, U.S.A. Valve movement of steam-engine. (W. C. Brown)	17354	10 Dec.	2	7 Jan., 1904.
Wright, J., Auckland, N.Z. Iron fencing-standard ..	17247	3 Nov.	91	26 Nov.
Wright, J., Auckland, N.Z. Wire-fencing battens ..	16774	6 Aug.	84	29 Oct.
Wright, T. I., and another, Dunedin, N.Z. Supply and discharge of cisterns	17306	25 Nov.	94	10 Dec.*

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 31ST DECEMBER, 1903.

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

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Account-book ..	G. W. Basley ..	17348	7 Dec.	2	7 Jan., 1904.
Account book ..	G. W. Basley ..	17349	7 Dec.	2	7 Jan., 1904.
Acetylene generator ..	J. J. Matthews ..	17100	15 Oct.	87	12 Nov.
Advertising ..	J. J. Smith ..	17355	10 Dec.	..	..
Agricultural implement, Rotary - scraper for ..	A. E. Watson ..	17216	6 Nov.	91	26 Nov.*
Air-current inducer ..	E. Buckland ..	17171	27 Oct.	91	26 Nov.*
Alkali group, Metals of. (See Metals.)	..	..	..	..	..
Alloys. (See Metals.)	..	..	..	..	..
Amalgamator ..	R. Howland ..	17076	7 Oct.	84	29 Oct.*
Animal-rug attachment ..	J. Ellis ..	15811	24 Dec., 1902	81	15 Oct.
Animal-trap ..	A. Campbell ..	15791	16 Dec., 1902	87	12 Nov.
Animal-trap ..	F. W. Barton ..	15978	11 Feb.	2	7 Jan., 1904.
Animal-trap ..	A. Campbell ..	17202	4 Nov.	91	26 Nov.*
Anti-friction mechanism ..	J. E. Cooper ..	17154	28 Oct.	91	26 Nov.
Anti-rattler for window ..	H. Agar ..	16045	4 March	2	7 Jan., 1904.
Arc-lamp ..	J. P. Campbell ..	17404	23 Dec.	6	21 Jan., 1904.
Artificial stone ..	R. W. England, jun. ..	15991	13 Feb.	94	10 Dec.
Artificial stone ..	R. W. England, jun. ..	16008	18 Feb.	94	10 Dec.
Artificial stone ..	H. O. Olsen ..	17283	21 Nov.	2	7 Jan., 1904.
Artificial stone, Pressure-press for ..	R. W. England and F. Lucas ..	17170	27 Oct.	91	26 Nov.*
Backband and shaft-tug for harness ..	C. E. James ..	17176	3 Nov.	91	26 Nov.*
Bag. (See Kauri-gum bag, Sheep-bag.)	..	..	..	..	..
Bag and package receiver ..	J. A. Webb ..	17337	7 Dec.	94	10 Dec.*
Baling apparatus, Chaff-, &c. ..	C. F. Holden ..	17284	21 Nov.	2	7 Jan., 1904.
Barrel, Chlorination- ..	W. J. Armbruster and J. Morton ..	17352	10 Dec.	2	7 Jan., 1904.
Bath ..	E. W. Lancaster ..	17240	16 Nov.	94	10 Dec.
Batten. (See Fencing-batten.)	..	..	..	..	..
Bearing. (See Box-bearing, Shaft-bearing.)	..	..	..	..	..

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Beater-drum of flax-stripper, Apparatus for truing-up	J. P. Andrews and J. Anderson ..	17339	8 Dec. ..	2	7 Jan., 1904.
Bells, Actuating fire-alarm, &c.	T. F. Dowling ..	17184	22 Oct. ..	91	26 Nov.*
Belt-coupling ..	W. E. Hughes ..	17067	6 Oct. ..	84	29 Oct.*
Belt-fastener ..	T. and M. J. Kilkelly ..	17114	15 Oct. ..	87	12 Nov.*
Bending tubes, Machine for ..	Lamson Store Service Company, Limited	17194	4 Nov. ..	2	7 Jan., 1904.
Bevel-joint cutter ..	R. Wales ..	17235	11 Nov. ..	94	10 Dec.
Beverage ..	R. W. Walpole ..	17286	25 Nov. ..	94	10 Dec.*
Beverage ..	R. B. Wight ..	17297	25 Nov. ..	94	10 Dec.*
Bicycle. (See also Cycle.)					
Bicycle attachment ..	A. Thurlby ..	17366	11 Dec. ..	10	4 Feb., 1904.*
Bicycle, Child, &c., carrier for ..	J. Paterson ..	15788	17 Dec., 1902	81	15 Oct.
Bicycle-tire cover repairer ..	G. H. Fowler ..	17127	21 Oct. ..	87	12 Nov.*
Billiard-cue tip ..	H. L. Greer and T. Colman ..	17331	5 Dec. ..	94	10 Dec.*
Billiard-rest ..	J. H. Noonan and T. B. O'Connor	17417	23 Dec. ..	6	21 Jan., 1904.*
Billiard-score indicator ..	J. A. Manton and C. S. Oakes ..	17381	17 Dec. ..	2	7 Jan., 1904.*
Billiard-table cushion ..	R. B. Bennett ..	17098	13 Oct. ..	89	12 Nov.*
Bird-luring apparatus ..	J. Webb ..	16094	26 Feb. ..	2	7 Jan., 1904.
Biscuit-machine ..	The Natural Food Company ..	17152	28 Oct. ..	91	26 Nov.
Blind. (See Roller blind, Venetian-blind.)					
Boiler. (See Portable boiler, Washing-boiler.)					
Bolster, Adjustable ..	W. P. Daly ..	17442	7 Dec. ..	6	21 Jan., 1904.*
Bonedust, Sterilising ..	J. A. Pond ..	17136	20 Oct. ..	87	12 Nov.
Bonedust-sterilising device ..	W. Barnsdale ..	16800	14 Aug. ..	2	7 Jan., 1904.
Book. (See Account-book.)					
Book-leaf holder ..	G. S. Budge ..	16065	9 Mar. ..	2	7 Jan., 1904.
Boot ..	W. Staples ..	16007	20 Feb. ..	84	29 Oct.
Boot ..	C. Nettheim and R. Steele ..	17319	3 Dec. ..	94	10 Dec.*
Boot ..	E. Adams ..	17384	17 Dec. ..	6	21 Jan., 1904.*
Boot cushion heel ..	J. R. Skinner ..	17402	22 Dec. ..	6	21 Jan., 1904.*
Boot heel-piece ..	W. A. Martin ..	17083	2 Oct. ..	87	12 Nov.*
Boot insole ..	The Auckland Co-operative Boot and Shoe Company, Limited	17408	24 Dec. ..	10	4 Feb., 1904.
Bootmakers' knife ..	J. T. Robinson ..	17236	11 Nov. ..	94	10 Dec.*
Boot-polisher ..	A. Parker ..	17071	6 Oct. ..	84	29 Oct.*
Boot-polishing machine ..	C. D. Lightband ..	17387	17 Dec. ..	2	7 Jan., 1904.*
Boot sole and heel ..	W. Hooke and F. B. Mabin ..	17120	20 Oct. ..	91	26 Nov.*
Boot-toe protector ..	R. Collins ..	16393	28 May ..	2	7 Jan., 1904.
Boreholes, Clinostat for ..	W. R. Bawden ..	17268	19 Nov. ..	2	7 Jan., 1904.
Borer, Diamond-drill ..	T. Smith ..	17400	21 Dec. ..	10	4 Feb., 1904.
Bottle ..	T. E. O'Brien ..	17157	29 Oct. ..	..	..
Bottle and stopper ..	H. R. Bell ..	14743	15 April, 1902	94	10 Dec.
Bottle, Non-refillable ..	M. R. Green ..	17189	4 Nov. ..	91	26 Nov.
Box. (See Feed-box, Mitre-box.)					
Box-bearing ..	C. L. Holm ..	17294	26 Nov. ..	2	7 Jan., 1904.
Bracket ..	F. J. Jones ..	17330	5 Dec. ..	94	10 Dec.*
Brake ..	W. J. Hannan ..	17209	5 Nov. ..	91	26 Nov.*
Brake ..	W. A. Friar and P. Meyer ..	17226	11 Nov. ..	91	26 Nov.*
Brake ..	T. Earnshaw and N. S. Prichard	17264	17 Nov. ..	94	10 Dec.*
Brake ..	M. Corrington ..	17279	19 Nov. ..	..	..
Brake and life-guard ..	J. Arnaboldi ..	17300	24 Nov. ..	94	10 Dec.*
Branding-compound ..	J. E. Palmer ..	15837	5 Jan. ..	2	7 Jan., 1904.
Branding-stamp ..	A. McLeod ..	17299	25 Nov. ..	94	10 Dec.*
Breeching-strap ..	R. and A. T. Burke ..	17088	9 Oct. ..	94	10 Dec.
Brick ..	R. R. Taylor ..	17163	23 Oct. ..	2	7 Jan., 1904.*
Brick-glazing process ..	L. Clark ..	17116	13 Oct. ..	17	12 Nov.
Brick-manufacture ..	G. P. Wallis and G. Fox ..	17270	19 Nov. ..	..	..
Bridle ..	T. H. Brown ..	17410	24 Dec. ..	6	21 Jan., 1904.*
Briquette, Fuel- ..	A. J. Cadman ..	17246	16 Nov. ..	94	10 Dec.*
Broom-handle connection ..	L. J. Barnes ..	17292	23 Nov. ..	94	10 Dec.*
Brush ..	J. Trevehick ..	17141	26 Oct. ..	87	12 Nov.
Brush, Tooth-, &c. ..	H. E. Crease ..	17415	23 Dec. ..	6	21 Jan., 1904.
Bucket ..	P. V. L. Alkemade ..	17086	8 Oct. ..	87	12 Nov.*
Bucket. (See also Dredge-bucket.)					
Buckle. (See Rope buckle.)					
Building, Sheet-metal downpipe on ..	T. C. Hement ..	17388	17 Dec. ..	10	4 Feb., 1904 *
Burner and mantle ..	W. W. and M. A. Adam ..	17222	11 Nov. ..	94	10 Dec.*
Burner, Gas- ..	C. J. Alexander ..	17219	11 Nov. ..	94	10 Dec.
Burning pipes ..	R. O. Clark, jun. ..	17183	30 Oct. ..	..	..
Butter tinning and printing machine ..	R. Boxall and A. A. Robinson ..	15543	23 Oct., 1902	2	7 Jan., 1904.
Button ..	W. Borlase ..	17180	29 Oct. ..	91	26 Nov.*
Button-fastener ..	C. Stringfellow ..	17360	11 Dec. ..	2	7 Jan., 1904.*
Calf-feeding apparatus ..	J. Cook ..	17369	14 Dec. ..	2	7 Jan., 1904.
Candle-adjustment for carriage-lamp ..	B. Moss ..	17295	26 Nov. ..	94	10 Dec.*
Candlestick ..	W. Ferrier ..	17232	12 Nov. ..	91	26 Nov.*
Candlestick-sconce ..	A. R. Hardy ..	15875	14 Jan. ..	84	29 Oct.
Carpet-renovater ..	A. Lotz ..	17414	22 Dec. ..	10	10 Feb., 1904.
Carrier. (See Child-carrier, Parcel-carrier, Pneumatic despatch-carrier.)					
Case. (See Packing-case.)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cash-transmitter for stores	H. Lough	17144	22 Oct.	94	10 Dec.
Castor	B. S. and R. S. Shillito	17062	3 Oct.	84	29 Oct.
Castor	T. G. A. Parry	17184	30 Oct.	91	26 Nov.*
Castor	J. W. George	17321	2 Dec.	94	10 Dec.*
Castor	D. W. Bodle	17385	17 Dec.	6	21 Jan., 1904.*
Castrating-instrument	J. Prestidge	17197	3 Nov.	91	26 Nov.*
Castrating-instrument	J. Dignan	17212	3 Nov.	91	26 Nov.*
Castrating-instrument	T. Heath	17378	16 Dec.	2	7 Jan., 1904.*
Centrifugal-separator drum	A. M. Arnberg	17074	7 Oct.	..	..
Centrifugal-separator drum	J. A. Dahlqvist	17190	4 Nov.	94	10 Dec.
Centrifugal-separator drum	O. Ohlsson	17228	12 Nov.	94	10 Dec.
Chain-drive manure-feed	J. Macalister	17116	15 Oct.	87	12 Nov.*
Channel-flap-laying machine	J. B. Hadaway	17315	2 Dec.	94	10 Dec.*
Charges. (See Explosive charges.)					
Cheese-press	J. C. Henderson, W. J. Anderson, and E. S. Burman	16793	13 Aug.	91	26 Nov.
Child-carrier, Bicycle	J. Patterson	15788	17 Dec., 1902	81	15 Oct.
Chlorination-barrel	W. J. Armbruster and J. Morton	17352	10 Dec.	2	7 Jan., 1904.
Churner and whisk	C. J. Painter	17121	20 Oct.	91	26 Nov.*
Cigarette-machine	W. E. Hughes	17069	6 Oct.	14	18 Feb., 1904.
Cistern. (See Water-cistern.)					
Cistern-supply discharge	J. W. Hardy and T. I. Wright	17306	25 Nov.	94	10 Dec.*
Clamping-apparatus for securing milk-tin in cart	R. G. Warrington	17167	29 Oct.	91	26 Nov.
Clasp for spreader	J. Holms, jun.	17237	12 Nov.	2	7 Jan., 1904.*
Cleaning machine, Fruit-	W. C. Braddock	16602	8 July	87	12 Nov.
Cleaning pipes of refrigerator	R. S. Watson	17313	2 Dec.	94	10 Dec.*
Cleaning tins, &c., Appliance for Clinostat	W. G. Mortimer	17242	16 Nov.	94	10 Dec.
Cleaning tins, &c., Appliance for Clinostat	W. R. Bowden	17268	19 Nov.	2	7 Jan., 1904.
Clothes-line, Pegless	G. Renner and W. H. Boyens	17063	5 Oct.	84	29 Oct.*
Coal-cutting machine	J. G. Patterson	17150	23 Oct.	91	26 Nov.
Coal, Preventing escape of volatile from fixed carbon in	A. H. McCulloch	17390	18 Dec.	..	..
Coat, Driving and riding	E. N. Perdriau	17161	24 Oct.	94	10 Dec.*
Coffee-extract production	E. Shaw	17131	20 Oct.	87	12 Nov.
Collar	P. R. Sargood	17177	3 Nov.	..	..
Colouring photographs	C. Thomson	17413	24 Dec.	6	21 Jan., 1904.
Compressing chaff, &c.	G. F. Holden	17284	21 Nov.	2	7 Jan., 1904.
Concentrator and classifier	B. Waites	17231	12 Nov.	94	10 Dec.
Concentrator and evaporator	M. Ekenberg	17320	3 Dec.	2	7 Jan., 1904.
Concentrator (See also Ore-concentrator.)					
Confections, Fancy	J. A. Brown and T. McCarthy	17079	2 Oct.	..	..
Cooking-utensil	J. F. Farra	17160	26 Oct.	91	26 Nov.*
Cooling-chamber and water-tank	J. Petford	17298	24 Nov.	10	4 Feb., 1904.*
Couch, &c., Spring	W. Hood	17346	7 Dec.	2	7 Jan., 1904.*
Coupling. (See Belt-coupling, Hose- coupling, Railway coupling.)					
Coupling-link	J. Holms, jun.	15933	30 Jan.	81	15 Oct.
Cover. (See Tire-cover.)					
Covering for roof-gutter	W. E. Bendall	17248	17 Nov.	..	..
Covering for walls	J. R. Watt	17389	7 Oct.	2	7 Jan., 1904.
Cow leg-bail and tail-holder	A. Leith	17382	16 Dec.	2	7 Jan., 1904.*
Cow leg-rope	F. J. Ellery	17203	5 Nov.	91	26 Nov.*
Cramp	J. Greenhill	17395	17 Dec.	6	21 Jan., 1904.*
Cramp and mitre-box	A. Levings	17082	1 Oct.	84	29 Oct.*
Cramp, Floor-	W., T. S., W. H., and G. B. Humble	17350	10 Dec.	6	21 Jan., 1904.
Cream-separator	G. Leach	17159	29 Oct.	91	26 Nov.*
Cream-separator	M. Pedersen	17314	2 Dec.	2	7 Jan., 1904.
Cultivator	P. and D. Duncan, Limited	17256	16 Nov.	94	10 Dec.*
Cultivator, Disc	W. G. Barger and H. C. Dix	17085	8 Oct.	87	12 Nov.
Currant-washing machine	W. C. Braddock	16602	8 July	87	12 Nov.
Cushion for billiard-table	R. B. Bennett	17098	13 Oct.	87	12 Nov.*
Cushion heel for boots	J. R. Skinner	17402	22 Dec.	6	21 Jan., 1904.*
Cushioned furniture	W. Aggers	15885	19 Jan.	87	12 Nov.
Cushioned furniture	W. Aggers	17401	21 Dec.	6	21 Jan., 1904.
Cutter. (See Bevel-joint cutter, Coal- cutter, Flax-cutter, Lamb-cutter, Mitre- joint cutter, Tobacco-cutter.)					
Cyauide salts, Manufacture of	J. H. Paul	17259	18 Nov.	94	10 Dec.
Cycle-driving mechanism	A. W. Boon	17423	30 Dec.	..	..
Cycle, Throw-crank for	J. Ritscher	17363	11 Dec.	2	7 Jan., 1904.*
Cycle. (See also Bicycle.)					
Despatch-carrier, Pneumatic	Lamson Store Service Company, Limited	17269	19 Nov.	94	10 Dec.
Diamond-drill borer	T. Smith	17400	21 Dec.	10	4 Feb., 1904.*
Dip, Sheep-	S. E. Denniston	15932	13 Feb.	87	12 Nov.
Dip, Sheep-	S. E. Denniston	17406	23 Dec.	6	21 Jan., 1904.*
Dipping wood blocks in tar	R. S. Rounthwaite	17375	15 Dec.	2	7 Jan., 1904.*
Direct-acting engine	H. R. Routhington	17353	10 Dec.	2	7 Jan., 1904.
Disc cultivator	W. G. Barger and H. C. Dix	17085	8 Oct.	87	12 Nov.
Disc harrow, Strengthening	W. Sutton	17358	8 Dec.	2	7 Jan., 1904.*
Diseases, Instrument for treatment of	C. F. Bünz	16358	15 May	2	7 Jan., 1904.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Distributing liquids	A. Atkins	17135	23 Oct. ..	91	26 Nov.*
Distributing liquids in jet spray	C. J. White and E. Grove	17137	20 Oct. ..	91	26 Nov.*
Ditch-plough elevator	J. Robertson	17312	27 Nov. ..	94	10 Dec.*
Door-check	W. H. Manning, E. Edwards, and P. H. Basley	17206	2 Nov. ..	91	26 Nov.
Door-handle fastening	J. J. Macky	17416	23 Dec. ..	6	21 Jan., 1904.*
Door-lock	J. Stephens	17092	10 Oct. ..	87	12 Nov.*
Door-lock	R. H. Skipwith	17365	11 Dec. ..	2	7 Jan., 1904.*
Doors, Dust and draught excluder for	A. Parker	16376	19 May ..	81	15 Oct.
Doors, Rain, dust, and draught excluder for	E. A. G. Hamlin	17096	13 Oct. ..	87	12 Nov.*
Drainer, Cooking-utensil with	J. F. Farra	17160	26 Oct. ..	91	26 Nov.*
Drainpipe-connection	H. S. Woolcott	17332	7 Dec. ..	94	10 Dec.*
Drain-plough	J. Williams	17094	7 Oct. ..	87	12 Nov.*
Dray. (See Tip dray.)					
Dray or dray-scoop	D. L. Cochrane	15712	3 Dec., 1902	84	29 Oct.
Dredge-bucket link-shoe	T. Gillespie	17372	15 Dec. ..	2	7 Jan., 1904.
Dredge-bucket protector	R. R. Douglas	17139	24 Oct. ..	91	26 Nov.*
Dredged-material depositor	E. Knewstubbas	17164	23 Oct. ..	94	10 Dec.
Dredging machinery	G. H. Dunlop	17420	29 Dec. ..	6	21 Jan., 1904.
Dress-stand	J. Walker	17221	11 Nov. ..	94	10 Dec.
Dried fruit, Cleaning and washing	W. C. Braddock	16602	8 July ..	87	12 Nov.
Drill	J. Tonge, jun.	17302	24 Nov. ..	2	7 Jan., 1904.
Drill borer, Diamond-	T. Smith	17400	21 Dec. ..	10	4 Feb., 1904.*
Drill-former	J. Macalister	17115	15 Oct. ..	87	12 Nov.*
Driving-coat	E. M. Perdriau	17161	24 Oct. ..	94	10 Dec.*
Dropper. (See Fencing-dropper.)					
Drying materials, Apparatus for	E. Buckland	17171	27 Oct. ..	91	26 Nov.*
Dust-excluder for doors	A. Parker	16376	19 May ..	81	15 Oct.
Dust-excluder	E. A. G. Hamlin	17095			
Dust-excluder	E. A. G. Hamlin	17096	13 Oct. ..	87	12 Nov.*
Dust-excluder	E. A. G. Hamlin	17097			
Dust-preventer	L. S. van Westrum	17260	18 Nov. ..	94	10 Dec.
Ear-marking sheep, cattle, &c.	J. Dignan	17212	3 Nov. ..	91	26 Nov.*
Earth-scoop	R. White	17207	2 Nov. ..	91	26 Nov.
Egg-packing	A. and F. J. Lawrence	17273	19 Nov. ..	94	10 Dec.*
Electric arc lamp	J. P. Campbell	17404	23 Dec. ..	6	21 Jan., 1904.
Electric furnace	C. G. P. de Laval	17118	16 Oct. ..	87	12 Nov.
Electric furnace	Gysinge Aktiebolag	17125	21 Oct. ..	87	12 Nov.
Electric time service	A. Knox	17210	3 Nov. ..	94	10 Dec.
Electrode	G. J. Atkins	17187	4 Nov. ..	91	26 Nov.
Electrolysis, Production of metals by	E. A. Ashcroft	17181	29 Oct. ..	94	10 Dec.
Electro-magnetic railway-traction	D. W. Balch	15826	5 Jan. ..	94	10 Dec.
Electrostatic magnetic separator	H. M. Sutton, W. L. and E. G. Steele, and W. Folsetter	15830	5 Jan. ..	81	15 Oct.
Elevator. (See Ditch-plough elevator, Hay-stacking elevator.)					
Emulsion, Oil	R. Baxter	17394	17 Dec. ..	2	7 Jan., 1904.*
Engine. (See Direct-acting engine, Steam-engine.)					
Engine-exhaust silencer	B. Crawford	15882	15 Jan. ..	84	29 Oct.
Engine-governor	W. J. M. Harvey	15835	7 Jan. ..	84	29 Oct.
Envelope	J. Miller	17091	5 Oct. ..	94	10 Dec.
Evaporator and concentrator	M. Ekenberg	17320	3 Dec. ..	2	7 Jan., 1904.
Excavating machinery	G. H. Dunlop	17420	29 Dec. ..	6	21 Jan., 1904.
Exhaust. (See Engine-exhaust, Explosion-muffler)					
Expanding horses' hoofs, Means of	A. V. Knapp	17309	1 Dec. ..	94	10 Dec.*
Explosion-muffler for motors, &c.	J. H. Suckling and W. H. Marshall	17055	1 Oct. ..	84	29 Oct.
Explosive charge	P. du Buit	17334	4 Dec. ..	2	7 Jan., 1904.
Extinguisher, Lamp-	S. White	17111	15 Oct. ..	91	26 Nov.*
Extract of coffee, Production of	E. Shaw	17131	20 Oct. ..	87	12 Nov.
Fastener. (See Belt-fastener, Button-fastener, Sash-fastener.)					
Fastening. (See Door-handle fastening, Horse rug-fastening, Horse-shoe fastening.)					
Feed-box for horses	J. A. Easton	17398	18 Dec. ..	2	7 Jan., 1904.*
Feeding-apparatus for calves	J. Cook	17369	14 Dec. ..	2	7 Jan., 1904.
Fencing-batten	J. Wright	16774	6 Aug. ..	84	29 Oct.
Fencing-dropper	J. O. McPherson	17109	16 Oct. ..	91	26 Nov.*
Fencing-dropper	J. O. McPherson	17109	16 Oct. ..	2	7 Jan., 1904.
Fencing-dropper	F. R. Vanstone	17258	14 Nov. ..	91	10 Dec.*
Fencing-standard	W. White	17227	19 Oct. ..		
Fencing-standard	J. Wright	17247	3 Nov. ..	91	26 Nov.
Fencing-wires	R. A. Montgomerie	17224	11 Nov. ..	94	10 Dec.
Fertiliser and seed-sower	P. F. A. and J. Robertson	15550	16 Oct., 1902	81	15 Oct.
Filter	A. M. Lewis	17075	7 Oct. ..	84	29 Oct.*
Filter-beds, Distributing liquids over	A. Atkins	17135	23 Oct. ..	91	26 Nov.*
Filtering slime, Apparatus for	G. S. Duncan	17158	29 Oct. ..	91	26 Nov.*
Finger-guide for penholder	D. McKenzie	15817	30 Dec., 1902	81	15 Oct.
Fire-alarm, Actuating	T. F. Dowling	17134	22 Oct. ..	91	26 Nov.*
Fire-escape	D. M. Brooks	15864	13 Jan. ..	84	29 Oct.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Fish-hook	L. A. Walsh	17251	17 Nov. ..	94	10 Dec.*
Flanging, &c., sanitary pipe	E. O. Clark, jun.	17182	30 Oct. ..	91	26 Nov.*
Flanging sanitary pipes	L. Clark	17105	13 Oct. ..	87	12 Nov.*
Flap. (See Channel-flap.)					
Flax-combing machine	W. and A. Ross	17412	24 Dec. ..	6	21 Jan., 1904.
Flax-cutter	A. E. Otway	17126	17 Oct. ..	87	12 Nov.*
Flax-dresser	R. B. Lusk	17179	3 Nov. ..	91	26 Nov.*
Flax-drum	W. and J. Fairweather and W. Fairweather, jun.	15795	18 Dec., 1902	84	29 Oct.
Flax, Scutching	G. I. Lowe	17371	15 Dec. ..	2	7 Jan., 1904.*
Flax-stripper, Apparatus for truing up drum of	J. P. Andrews and J. Anderson	17339	8 Dec. ..	2	7 Jan.
Flax-stripper guide-check	R. M. Crosbie	16888	26 Aug. ..	2	7 Jan., 1904.
Flax-stripper, Ribber for	J. Dunbar	17347	4 Dec. ..	2	7 Jan., 1904
Flax, Treating	W. and A. Ross	17405	23 Dec. ..	..	..
Flax-treating apparatus	S. E. Denniston	17287	25 Nov. ..	94	10 Dec.*
Flax, Tying	C. Lyford	17073	7 Oct. ..	84	29 Oct.*
Floor-cramp	W., T. S., W. H., and G. B. Humble	17350	10 Dec. ..	6	21 Jan., 1904.
Fluid-pressure turbine	J. P. Campbell	17153	28 Oct. ..	91	26 Nov.
Fluid pressure turbine	W. E. Hughes	17424	30 Dec. ..	..	..
Flushing-apparatus	J. Bald	17328	5 Dec. ..	10	4 Feb., 1904.
Fly-catcher	J. W. MacCann and J. E. Taylor	17397	19 Dec. ..	..	..
Fog-horn Blowing	A. Lafranchi	17081	2 Oct. ..	84	29 Oct.*
Food-warmer	H. Schnitzer	17422	30 Dec. ..	6	21 Jan., 1904.*
Frame, Shop-window	J. Watson	17249	17 Nov. ..	94	10 Dec.
Franking-machine	C. E. Gray and J. S. Tolman	17386	17 Dec. ..	2	7 Jan., 1904.*
Fruit-washing machine	W. C. Braddock	16602	8 July ..	87	12 Nov.
Frying-pan, Splash-protector for	S. Whitburn	17341	7 Dec. ..	10	4 Feb., 1904.
Fuel-briquette	A. J. Cadman	17246	16 Nov. ..	94	10 Dec.*
Fuel-economizer and smoke-preventer	A. L. Applegarth	17108	13 Oct. ..	91	26 Nov.*
Furnace	W. H. Atkin	17214	5 Nov. ..	94	10 Dec.*
Furnace	G. Grondal	17343	9 Dec. ..	2	7 Jan., 1904.
Furnace	G. G. Turri	17418	29 Dec. ..	10	4 Feb., 1904.
Furnace. (See Electric furnace, Ore-furnace.)					
Furnaces, Means for heating	F. J. Shelton	17308	28 Nov. ..	94	10 Dec.*
Furniture. (See Cushioned furniture.)					
Game	D. Booth	17124	21 Oct. ..	91	26 Nov.
Game	F. Newson	17282	19 Nov. ..	94	10 Dec.*
Gas-burner	C. J. Alexander	17219	11 Nov. ..	94	10 Dec.
Gas-generator	W. H. Brooks	17102	15 Oct. ..	87	12 Nov.*
Gas-tap	E. Hinton and F. A. Andrews	17068	6 Oct. ..	84	29 Oct.
Gas, Water-, Manufacture of	W. Gunn	17151	28 Oct. ..	91	26 Nov.
Gate	H. P. Wellman	15962	10 Feb. ..	94	10 Dec.
Gate	F. Lambert	17174	30 Oct. ..	91	26 Nov.*
Gate-adjustment	H. Oliver	17255	14 Nov. ..	94	10 Dec.*
Gate or window guard	J. W. Faulkner	17427	24 Dec. ..	..	..
Gear. (See Speed-gear, Travelling-gear.)					
Generator. (See Acetylene-generator, Vapour-generator.)					
Glazing process, Pipe-	L. Clark	17106	13 Oct. ..	87	12 Nov.*
Gold, Detecting and estimating	J. Moir	17155	28 Oct. ..	91	26 Nov.
Gold-saving vat	A. T. Seldon and H. D. Abbott	17205	2 Nov. ..	91	26 Nov.*
Governor	N. Lombard	17399	18 Dec. ..	6	21 Jan., 1904.
Governor for engine	W. J. N. Harvey	15835	7 Jan. ..	84	29 Oct.
Grain-treating	D. C. Macdonald	17370	14 Dec. ..	2	7 Jan., 1904.
Graphophone reproducer	W. Stokes, jun.	17296	27 Nov. ..	94	10 Dec.*
Guard, gate or window	J. W. Faulkner	17427	24 Dec. ..	..	..
Guide-chute for flax-stripping machinery	R. M. Crosbie	16888	26 Aug. ..	2	7 Jan., 1904.
Gun, Toy	F. Gale, J. K. Gordon, T. A. Parks	17047	1 Oct. ..	84	29 Oct.
Hair-curler	J. Ramsay	17218	10 Nov. ..	91	26 Nov.*
Harness, Backband and shaft-tug for	C. E. James	17176	3 Nov. ..	91	26 Nov.*
Harness, Breeching-strap of	R. and A. T. Burke	17088	9 Oct. ..	94	10 Dec.
Harness saddle	E. Edwards	17093	9 Oct. ..	87	12 Nov.*
Harness, Shaft-tug for	J. Theobald	17351	10 Dec. ..	2	7 Jan., 1904.*
Harrow, Travelling-gear for disc	W. Sutton	17358	8 Dec. ..	2	7 Jan., 1904.*
Hat-support under chair	F. J. Jones	17377	16 Dec. ..	10	4 Feb., 1904.
Hay-stacking elevator	E. Jones	17411	24 Dec. ..	6	21 Jan., 1904.*
Heat, Treating materials by radiated	C. G. P. de Laval	17118	16 Oct. ..	87	12 Nov.
Heater, Water-	H. A. Baux	17066	2 Oct. ..	84	29 Oct.
Heating kitchen-range	F. J. Shelton	17308	28 Nov. ..	94	10 Dec.*
Heel. (See Boot-heel.)					
Heel-compressing machine	United Shoe Machinery Company	15827	5 Jan. ..	84	29 Oct.
Heel-piece for boots, &c.	W. A. Martin	17083	2 Oct. ..	87	12 Nov.*
Hoe	N. Naismith	17142	23 Oct. ..	94	10 Dec.*
Hoe	H. Webster	17243	14 Nov. ..	94	10 Dec.*
Hoe	J. S. Greig and S. A. Ward	17281	23 Nov. ..	2	7 Jan., 1904.
Holder. (See Book-leaf holder, Penholder, Rein-holder, Sash-holder, Tail-holder, Window-sash holder.)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Hoof. (See Horse-hoof.)					
Hook. (See Fish-hook, Kettle-hook.)					
Horn-protector	J. Hercus and F. W. Barton	17367	10 Dec. ..	2	7 Jan., 1904.*
Horse, Feed-box for	J. A. Easton	17398	18 Dec. ..	2	7 Jan., 1904.*
Horse-hoof expander	A. V. Knapp	17309	1 Dec. ..	94	10 Dec.*
Horse-rug attachment	J. Ellis	15811	24 Dec., 1902	81	15 Oct.
Horse-rug fastening	A. J. Fiske	17013	23 Sept. ..	94	10 Dec.
Horse-shoe	J. Hair	17140	24 Oct. ..	87	12 Nov.*
Horse-shoe fastening	L. J. Barnes	17391	16 Dec. ..	6	21 Jan., 1904.*
Horse-shoe fastening	L. J. Barnes	17392	16 Dec. ..	6	21 Jan., 1904.*
Hose-coupling	J. Marks	17359	8 Dec. ..	2	7 Jan., 1904.*
Hurdle	J. Wilkinson	17238	12 Nov. ..	94	10 Dec.*
Hydrocyanic acid, Manufacture of	J. H. Paul	17259	18 Nov. ..	94	10 Dec.
Idle pinion, Means for oiling	E. H. Nankivell	17335	3 Dec. ..	94	10 Dec.
Incubator	J. Harris	17250	17 Nov. ..	94	10 Dec.*
Indicating depth of water under vessel	W. F. Slack	17166	29 Oct. ..	91	26 Nov.*
Indicator, Billiard-score	J. A. Manton and C. S. Oakes	17381	17 Dec. ..	2	7 Jan., 1904.*
Inner tube for motor car	S. Nicolson	17344	16 Nov. ..	94	10 Dec.*
Insecticide	J. Robinson and A. H. Light	17396	18 Dec. ..	2	7 Jan., 1904.*
Insole	Auckland Co operative Boot and Shoe Company, Limited	17408	24 Dec. ..	10	4 Feb., 1904.*
Instrument, Medical	C. F. Bünz	16858	15 May ..	2	7 Jan., 1904.
Ironing-table	H. A. Baux	17065	2 Oct. ..	84	29 Oct.
Iron-ore reducing furnace	G. Grondal	17343	9 Dec. ..	2	7 Jan., 1904.
Iron-ore reducing process	J. H. A. McPhee	17112	15 Oct. ..	87	12 Nov.*
Ironsand, iron-oxides, &c., Reduction of	D. R. S. Galbraith and W. Steuart	15661	18 Nov., 1902	81	15 Oct.
Ironsand, Treatment of	C. F. Lungley	15662	18 Nov., 1902	81	15 Oct.
Ironsand, Treatment of	C. F. Lungley	17130	8 Oct. ..	87	12 Nov.
Jack. (See Wheel-jack.)					
Jet spray, Distributing liquids in	C. J. White and E. Grove	17137	20 Oct. ..	91	26 Nov.*
Jig-pulley	O. Oldham	17070	6 Oct. ..	84	29 Oct.
Joint. (See Rail-joint.)					
Kauri-gum bag	A. J. McPharlin	17059	3 Oct. ..	84	29 Oct.
Kettle-hook	F. H. Green	15904	26 Jan. ..	94	10 Dec.
Kiln	J. R. Hardy	17123	21 Oct. ..	87	12 Nov.
Kiln	F. J. Jones	17285	28 Nov. ..	94	10 Dec.*
Kitchen-range, Heating	F. J. Shelton	17308	28 Nov. ..	94	10 Dec.*
Knee-pad	W. R. Walker	17290	24 Nov. ..	94	10 Dec.*
Knife, Bootmakers'	J. T. Robinson	17236	11 Nov. ..	94	10 Dec.*
Knife-cleaner	T. Wilkins	16023	25 Feb. ..	2	7 Jan., 1904.
Knife-cleaner	H. Best	17213	6 Nov. ..	2	7 Jan., 1904.
Lamb cutter and tailer	W. J. Standen	17322	2 Dec. ..	94	10 Dec.*
Lamp. (See Electric arc lamp, Vapour-burning lamp.)					
Lamp, Extinguishing	S. White	17111	15 Oct. ..	91	26 Nov.*
Latch-lock	W. Strange and T. Coverdale	17119	19 Oct. ..	91	26 Nov.*
Lead-pigment manufacture	E. G. Mills	17043	1 Oct. ..	84	29 Oct.
Leaf. (See Book-leaf holder, Music-leaf turner.)					
Leak in metal vessel, Repairing	A. Hull	17252	17 Nov. ..	94	10 Dec.*
Leather, and process of treating same	P. Magnus	16139	26 March ..	84	29 Oct.
Leg-bail and tail-holder	A. Leith	17382	16 Dec. ..	2	7 Jan., 1904.*
Leg-rope for cows	F. J. Ellery	17203	5 Nov. ..	91	26 Nov.*
Life-guard and brake	J. Arnaboldi	17300	24 Nov. ..	94	10 Dec.*
Line. (See Clothes-line.)					
Liner for separator-drum	A. M. Arnberg	17074	7 Oct. ..	..	..
Liner for separator-drum	J. A. Dahlqvist	17190	4 Nov. ..	94	10 Dec.
Link. (See Coupling-link, Dredge-bucket link.)					
Liquids, Concentrating and evaporating	M. Ekenberg	17320	3 Dec. ..	2	7 Jan., 1904.
Liquids, Distributing, in jet spray	C. J. White and E. Grove	17137	20 Oct. ..	91	26 Nov.*
Liquids, Distributing, over filter-beds	A. Atkins	17135	23 Oct. ..	91	26 Nov.*
Lock. (See Door-lock, Latch-lock, Sash-lock, Sash raiser and lock, Wheel-lock, Window-sash lock.)					
Lock-gate	F. Lambert	17174	30 Oct. ..	91	26 Nov.*
Lock-nut	F. W. Payne	16367	13 May ..	78	1 Oct.
Loose nailing machine	United Shoe Machinery Company	17380	17 Dec. ..	2	7 Jan., 1904.*
Luring birds	J. Webb	16034	26 Feb. ..	2	7 Jan., 1904.
Magnetic separator	H. M. Sutton, W. L. and E. G. Steele, and W. Folsetter	15830	5 Jan. ..	81	15 Oct.
Magnetic separator	G. Grondal	17344	9 Dec. ..	2	7 Jan., 1904.
Mantle and burner	W. W. and M. A. Adam	17222	11 Nov. ..	94	10 Dec.*
Manure-feed	J. Macalister	17116	15 Oct. ..	87	12 Nov.*
Marking-stamp	A. McLeod	17299	25 Nov. ..	94	10 Dec.
Mattress-frame	C. Uddstrom	17265	14 Nov. ..	94	10 Dec.*
Medical instrument	C. F. Bünz	16358	15 May ..	2	7 Jan., 1904.
Metallic oxides, smelting method	T. J. Heskett	17333	4 Dec. ..	94	10 Dec.*
Metal-rolling machinery	G. B. Johnson	17223	11 Nov. ..	94	10 Dec.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Metal-separating apparatus	W. N. Turner	17261	18 Nov.	94	10 Dec.
Metals of alkali group, Production of, by electrolysis	E. A. Ashcroft	17181	29 Oct.	94	10 Dec.
Metals, melting method	T. J. Heskett	17333	4 Dec.	94	10 Dec.*
Milk-cans, Securing, in cart	R. G. Warrington	17167	29 Oct.	91	26 Nov.
Milk-sterilisation	N. Bendixen	17132	22 Oct.	87	12 Nov.
Milk-strainer	R. E. James	17196	2 Nov.	91	26 Nov.*
Milk-weighing machine	C. Cooper	17288	25 Nov.	2	7 Jan., 1904.*
Milking-appliance	G. Hutchinson	17078	7 Oct.	84	29 Oct.*
Milking-machine	G. Hutchinson	15894	23 Jan.	91	26 Nov.*
Minerals, Concentrating, &c.	B. Waites	17231	12 Nov.	94	10 Dec.
Mirror, Means for pivoting	C. S. Henderson	17262	18 Nov.	94	10 Dec.*
Mitre-box and cramp	A. Levings	17082	1 Oct.	84	29 Oct.*
Mitre-cutter rest	New Zealand Mitre Manufacturing Company, Limited	17301	23 Nov.	94	10 Dec.*
Mitre-joint cutter	R. Wales	17235	11 Nov.	94	10 Dec.*
Motor. (See Water-motor, Wave-motor.)					
Motor car, Inner tube for	S. Nicolson	17244	16 Nov.	94	10 Dec.*
Mounting for rotary scraper	A. E. Watson	17216	6 Nov.	91	26 Nov.*
Music-leaf turner	C. B. Mercer	17113	15 Oct.	87	12 Nov.*
Nailing machine, Loose	United Shoe Machinery Company	17380	17 Dec.	2	7 Jan., 1904.*
Nails, Tool for drawing	W. McLeod	17168	28 Oct.	91	26 Nov.*
Non-refillable bottle	M. R. Green	17189	4 Nov.	91	26 Nov.
Nurling-machine	United Shoe Machinery Company	16229	15 April	94	10 Dec.
Nut. (See Lock-nut.)					
Nut-locking spring washer	R. E. Pennington	17318	3 Dec.	6	21 Jan., 1904.
Oil-emulsion	R. Baxter	17394	17 Dec.	2	7 Jan., 1904.*
Oiling idle pinions and pulleys, Means for..	E. H. Nankivell	17335	3 Dec.	94	10 Dec.*
Ointment	H. Jenkins and D. Duncan	17421	29 Dec.	6	21 Jan., 1904.*
Ore. (See Iron-ore.)					
Ore-concentrator	A. E. Warne	16656	15 July	87	12 Nov.
Ore-concentrator	H. L. Sulman and H. F. Kirkpatrick-Picard	17147	28 Oct.	91	26 Nov.
Ore-concentrator	A. E. Cattermole	17148	28 Oct.	91	26 Nov.
Ore-furnace	G. G. Turri	17418	29 Dec.	10	4 Feb., 1904.
Ore, Treating	W. Payne and J. H. Gillies	17188	4 Nov.	91	26 Nov.*
Ore, Treating	M. Moore and T. J. Heskett	17425	30 Dec.	6	21 Jan., 1904.*
Overcoat. (See Coat.)					
Oxides. (See Metallic oxides.)					
Package-receiver. (See Bag and package receiver.)					
Packing-cases, Preventing fraudulent opening of	J. Irvine	17072	6 Oct.	84	29 Oct.*
Packing eggs	A. and F. J. Lawrence	17273	19 Nov.	94	10 Dec.*
Pan. (See Frying-pan.)					
Panel, Device for printing name on glass	H. McC. Sargent and A. Littleproud	17289	24 Nov.	94	10 Dec.*
Parcel-carrier	J. Paterson	15788	17 Dec., 1902	81	15 Oct.
Parcel-carrier for stores	H. Lough	17144	22 Oct.	94	10 Dec.
Parcel-strap	H. Carter and R. T. Paterson	17198	30 Oct.	91	26 Nov.*
Patrol-vessel	A. N. Whitney	17233	10 Nov.	94	10 Dec.*
Peg	T. Morris	15920	27 Jan.	84	29 Oct.
Pegless clothes-line	G. Renner and W. H. Boyens	17063	5 Oct.	84	29 Oct.
Penholder finger-guide	D. McKenzie	15817	30 Dec., 1902	81	15 Oct.
Photographic and stereoscopic apparatus..	J. J. and J. A. Miller	17046	1 Oct.	84	29 Oct.
Photographs, Colouring	C. Thomson	17413	24 Dec.	6	21 Jan., 1904.
Pig-yoke	A. Ward	15901	21 Jan.	87	12 Nov.
Pin. (See Traction-engine shoe-pin.)					
Pipe. (See Drainpipe, Tobacco-pipe.)					
Pipe flanging and shaping apparatus	L. Clark	17105	13 Oct.	87	12 Nov.*
Pipe-glazing process	L. Clark	17106	13 Oct.	87	12 Nov.
Pipes, Burning	R. O. Clark, jun.	17183	30 Oct.	..	..
Pipes, Flanging, socketing, and shaping	R. O. Clark, jun.	17182	30 Oct.	91	26 Nov.*
Pipes of refrigerator, Means of cleaning	R. S. Watson	17313	2 Dec.	94	10 Dec.*
Pivoting mirror	C. S. Henderson	17262	18 Nov.	94	10 Dec.*
Plant-protector from slugs	G. Foster	17307	25 Nov.	94	10 Dec.*
Plant-thinner	D. Clark	16015	19 Feb.	94	10 Dec.
Plough. (See Ditch-plough, Drain-plough.)					
Plough	M. J. Dixon	17200	2 Nov.	91	26 Nov.*
Plough attachment	T. W. Denton	17340	7 Dec.	94	10 Dec.*
Plough for cutting tussocks, &c.	E. J. Wilson	17077	7 Oct.	84	29 Oct.*
Plough, Reversible	E. J. Wilson	17103	15 Oct.	87	12 Nov.
Plough-scoop	R. L. Christie	17325	28 Nov.	94	10 Dec.*
Pneumatic despatch-carrier	Lamson Store Service Company, Limited	17269	19 Nov.	94	10 Dec.
Pneumatic spring	J. R. Hayne	17048	1 Oct.	84	29 Oct.*
Pneumatic-tube despatch system	Lamson Store Service Company, Limited	17193	4 Nov.	2	7 Jan., 1904.
Pneumatic-tube despatch system, Receiving-terminal for	Lamson Store Service Company, Limited	17195	4 Nov.	2	7 Jan., 1904.
Poison, Apparatus for luring birds to	J. Webb	16084	26 Feb.	2	7 Jan., 1904.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Poisoning rabbits	M. McCarthy	17364	9 Dec. ..	6	21 Jan., 1904.*
Polish, Machine for spreading on floor- ..	J. Stewart	17373	11 Dec. ..	2	7 Jan., 1904.*
Polishing boots	A. Parker	17071	6 Oct. ..	84	29 Oct.*
Polishing machine, Boot-	C. D. Lightband	17387	17 Dec. ..	2	7 Jan., 1904.*
Portable boiler	J. Bates	16661	18 July ..	81	15 Oct.
Potato-planting attachment to ploughs ..	T. W. Denton	17340	7 Dec. ..	94	10 Dec.*
Press	A. Baker	17225	11 Nov. ..	91	26 Nov.*
Press, Cheese-	J. C. Henderson, W. J. Anderson, and E. S. Burman	16793	13 Aug. ..	91	26 Nov.
Pressing garments, Steam-box for	P. R. Sargood and J. B. Holt	17201	2 Nov. ..	91	26 Nov.
Pressure-press for stone blocks	R. W. England and F. Lucas	17170	27 Oct. ..	91	26 Nov.*
Printer. (See Butter-printer.)					
Printing-machine, Sheep-bag	D. Urquhart	15891	20 Jan. ..	87	12 Nov.
Printing name on glass	H. M. Sargent and A. Littleproud	17289	24 Nov. ..	94	10 Dec.*
Projector-machine	N. R. Gordon	17317	3 Dec. ..	94	10 Dec.*
Propellor	K. K. Parkerson	17275	18 Nov. ..	94	10 Dec.*
Protector. (See Dredge-bucket protector, Horn-protector, Plant-protector, Splash- protector, Toe-protector.)					
Pulley. (See Idle pinion and pulley, Jig- pulley.)					
Rabbits, Destroying	B. Parker	15985	13 Feb. ..	94	10 Dec.
Rabbits, &c., Destroying	B. Parker	17234	10 Nov. ..	94	10 Dec.
Rabbits, Poisoning	M. McCarthy	17364	9 Dec. ..	6	21 Jan., 1904.*
Rabbits, Trapping, method	M. D. Synnot	17357	8 Dec. ..	2	7 Jan., 1904.
Race-starting machine	J. A. Winten	17426	30 Dec. ..	..	..
Raft	H. Williams	15934	2 Feb. ..	91	26 Nov.
Raft	T. J. Ross	17107	16 Oct. ..	91	26 Nov.*
Rail-joint	T. Wilson and I. Grammer	17271	19 Nov. ..	94	10 Dec.*
Rail-joint	A. Miller and F. W. Barton	17274	18 Nov. ..	94	10 Dec.*
Rail-joint	J. S. Sleight	17326	5 Dec. ..	94	10 Dec.*
Railway anti-friction mechanism	J. E. Cooper	17154	28 Oct. ..	91	26 Nov.
Railway coupling	A. J. Knapp	17178	3 Nov. ..	91	26 Nov.*
Railway traction	D. W. Balch	15826	5 Jan. ..	94	10 Dec.
Rain-excluder for doors	A. Parker	16376	19 May ..	81	15 Oct.
Rain-excluder for doors	E. A. G. Hamlin	17095, 6, 7	13 Oct. ..	87	12 Nov.*
Rain-water separator	E. Purser	17162	27 Oct. ..	91	26 Nov.*
Raising sunken vessels	E. Veron	17133	22 Oct. ..	91	26 Nov.*
Range. (See Kitchen-range.)					
Receiver. (See Bag and package receiver.) ..					
Receiving-terminal for pneumatic-tube despatch	Lamson Store Service Company, Limited	17195	4 Nov. ..	2	7 Jan., 1904.
Recording votes	F. W. Paterson	17199	30 Oct. ..	91	26 Nov.*
Refrigerating-apparatus, Means for clean- ing pipes of	R. S. Watson	17313	2 Dec. ..	94	10 Dec.*
Refrigerating machinery	G. Nelson	17376	15 Dec. ..	6	21 Jan., 1904
Rein-holder and wheel-lock	C. J. Tully	17128	22 Oct. ..	91	26 Nov.
Rein-holder and wheel-lock	C. J. Tully	17129	22 Oct. ..	91	26 Nov.
Repairing cover of tire	G. H. Fowler	17127	21 Oct. ..	87	12 Nov.*
Repairing leak in metal vessel	A. Hull	17252	17 Nov. ..	94	10 Dec.*
Reproducer of graphophone	W. Stokes, jun.	17296	27 Nov. ..	94	10 Dec.*
Rest. (See Billiard-rest, Mitre-cutter rest.) ..					
Retort	A. J. Cadman	17245	16 Nov. ..	94	10 Dec.*
Ribber for flax-stripper	J. Dunbar	17347	4 Dec. ..	2	7 Jan., 1904.
Ridging-machine	J. Macalister	17115	15 Oct. ..	87	12 Nov.*
Rim. (See Wheel-rim.)					
Rivet-cutting tool	S. S. Beer	17215	6 Nov. ..	91	26 Nov.*
Road-making method	L. S. Van Westrum	17342	9 Dec. ..	2	7 Jan., 1904.
Road-sprinkler	L. S. Van Westrum	17260	18 Nov. ..	94	10 Dec.
Rod for wheel	A. McDonald and A. R. Stedman	17099	10 Oct. ..	87	12 Nov.*
Roller blind, Controlling	Tye and Co. Proprietary, Limited	17220	11 Nov. ..	91	26 Nov.*
Roller, Trolley-arm	B. R. Garrett	17311	28 Nov. ..	94	10 Dec.*
Rolling sheet-metal strips, Machine for ..	G. B. Johnson	17223	11 Nov. ..	94	10 Dec.
Roof-gutter covering	W. E. Bendall	17248	17 Nov. ..	..	..
Rope buckle	J. Morgan	17272	20 Nov. ..	2	7 Jan., 1904.
Rotary scraper, Mounting for	A. E. Watson	17216	6 Nov. ..	91	26 Nov.*
Rotating parts, Supporting and driving device for	O. Ohl-son	17229	12 Nov. ..	94	10 Dec.
Rowlock	J. A. Jaggars	17253	17 Nov. ..	94	10 Dec.*
Rug. (See Horse-rug.)					
Saddle	J. I. Knight and J. H. Love	17204	2 Nov. ..	91	26 Nov.*
Saddle, Harness	E. Edwards	17093	9 Oct. ..	87	12 Nov.*
Sandal	O. Petersen	17304	26 Nov. ..	94	10 Dec.*
Sash. (See also Window.)					
Sash-balance	G. W. Bailey	17145	19 Oct. ..	91	26 Nov.*
Sash-fastener	J. M. Macintosh	16372	19 May ..	2	7 Jan., 1904.
Sash-grip	E. A. G. Hamlin	17310	1 Dec. ..	..	..
Sash hanger and lock	A. Curwood and J. Harrison	17084	1 Oct. ..	87	12 Nov.
Sash-holder and suspender	A. S. Coronel	17383	17 Dec. ..	6	21 Jan., 1904.*
Sash raiser and lock	A. L. Hewton	17305	25 Nov. ..	94	10 Dec.*
Sash-regulator	F. L. Davis	16648	17 July ..	2	7 Jan., 1904.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Scales, Tare beam	W. Riddell	17165	21 Oct. ..	91	26 Nov.
Sconce. (See Candlestick-sconce.)					
Scoop. (See Dray-scoop, Earth-scoop, Plough-scoop.)					
Score of game, Indicating	J. A. Manton and C. S. Oakes	17381	17 Dec. ..	2	7 Jan., 1904.*
Screen, Gravel-sifting	M. G. Baker and L. C. Anderson	17080	2 Oct. ..	87	12 Nov.
Scribing-tool	D. M. Barnett	17101	15 Oct. ..	87	12 Nov.*
Scutching flax	G. I. Lowe	17371	15 Dec. ..	2	7 Jan., 1904.*
Seed sower	P. F. A. and J. Robertson	15550	16 Oct., 1902	81	15 Oct.
Seed-sower	H. Kerr and J. Woodhead	17368	10 Dec. ..	2	7 Jan., 1904.*
Separating metals	W. N. Turner	17261	18 Nov. ..	94	10 Dec.
Separator. (See Centrifugal separator, Cream-separator, Magnetic separator, Rain-water separator.)					
Shackle and snatch-block	A. J. Park	17323	2 Dec. ..	94	10 Dec.*
Shaft-bearing	C. L. Holm	17294	26 Nov. ..	2	7 Jan., 1904.
Shaft-tug for harness	C. E. James	17176	3 Nov. ..	91	26 Nov.*
Shaft-tug for harness	J. Theobald	17351	10 Dec. ..	2	7 Jan., 1904.*
Sheep-bag printing-machine	D. Urquhart	15891	20 Jan. ..	87	12 Nov.
Sheep-dip	S. E. Denniston	15992	13 Feb. ..	87	12 Nov.
Sheep-dip	S. E. Denniston	17406	23 Dec. ..	6	21 Jan., 1904.*
Sheet-metal piping, Manufacturing	T. C. Hement	17388	17 Dec. ..	10	4 Feb., 1904.*
Sheet-metal strips, Rolling	G. B. Johnson	17223	11 Nov. ..	94	10 Dec.
Ships, Stopping	C. H. Knowles and F. W. Taylor	17362	11 Dec. ..	2	7 Jan., 1904.*
Ship's ventilator	T. Q. East	16225	14 April ..	2	7 Jan., 1904.
Shirt-ironing table	H. A. Baux	17065	2 Oct. ..	84	29 Oct.
Shoe. (See Boot.)					
Shoe. (See Dredge-bucket link-shoe, Horse-shoe.)					
Shop-window frame	J. Watson	17249	17 Nov. ..	94	10 Dec.
Shortbread-crimper, &c.	S. Scott	17090	9 Oct. ..	87	12 Nov.*
Sifting screen, Gravel-	M. G. Baker and L. C. Anderson	17080	2 Oct. ..	87	12 Nov.
Silencer for engine	B. Crawford	15882	15 Jan. ..	84	29 Oct.
Silencer for vehicle-motors	J. H. Suckling and W. H. Marshall	17055	1 Oct. ..	84	29 Oct.
Sinking well	J. W. Thomas and C. O. McCutcheon	17254	16 Nov. ..	94	10 Dec.*
Skewer	W. J. Sellars	17379	16 Dec. ..	2	7 Jan., 1904.*
Slime-filtering apparatus	G. S. Duncan	17158	29 Oct. ..	91	26 Nov.*
Slugs, Device for protecting plants from	G. Foster	17307	25 Nov. ..	94	10 Dec.*
Smelting methods	T. J. Heskett	17333	4 Dec. ..	94	10 Dec.*
Smoke-prevention	A. L. Applegarth	17108	13 Oct. ..	91	26 Nov.*
Snails, Device for protecting plants from	G. Foster	17307	25 Nov. ..	94	10 Dec.*
Snatch-block and shackle	A. J. Park	17323	2 Dec. ..	94	10 Dec.*
Sock	J. Glossop	17393	17 Dec. ..	2	7 Jan., 1904.*
Sole of boot, &c.	W. Hooke and F. B. Mabin	17120	20 Oct. ..	91	26 Nov.*
Sower. (See Seed-sower.)					
Spanner	W. Stock and C. D. Kennedy	17110	15 Oct. ..	84	29 Oct.
Spark-arrester	G. Butel	17138	24 Oct. ..	91	26 Nov.*
Speed gear	A. C. F. Dann	17044	1 Oct. ..	84	29 Oct.
Spile	W. J. Sellars	17379	16 Dec. ..	2	7 Jan., 1904.
Splash-protector for frying-pan	S. Whitburn	17341	7 Dec. ..	10	4 Feb., 1904.
Spreader, Clasp for trace-	J. Holms, jun.	17237	12 Nov. ..	2	7 Jan., 1904.*
Spring. (See Pneumatic spring.)					
Spring for couch, &c.	W. Hood	17346	7 Dec. ..	2	7 Jan., 1904.*
Sprinkling roads	L. S. Van Westrum	17260	18 Nov. ..	94	10 Dec.
Stacking hay, Elevator for	E. Jones	17411	24 Dec. ..	6	21 Jan., 1904.*
Stamp. (See Marking-stamp.)					
Stamping and franking machine	C. E. Gray and J. S. Tolman	17386	17 Dec. ..	2	7 Jan., 1904.*
Stand. (See Dress-stand.)					
Standard. (See Fencing-standard, Wire standard.)					
Staple-drawing tool	W. McLeod	17168	28 Oct. ..	91	26 Nov.*
Starching-machine	H. A. Baux	17173	26 Oct. ..	91	26 Nov.
Steam-box for pressing garments	P. R. Sargood and J. B. Holt	17201	2 Nov. ..	91	26 Nov.
Steam-engine	J. and A. Fraser	17060	3 Oct. ..	84	29 Oct.,
Stereoscopic and phonographic apparatus	J. J. and J. A. Miller	17046	1 Oct. ..	84	29 Oct.
Stereotype matrices	J. C. Bonneau	17192	4 Nov. ..	91	26 Nov.
Steriliser, Bonedust-	W. Barnsdale	16800	14 Aug. ..	2	7 Jan., 1904.
Sterilising bones, &c.	J. A. Pond	17136	20 Oct. ..	87	12 Nov.
Sterilising milk	N. Bendixen	17132	22 Oct. ..	87	12 Nov.
Stirrup-iron	N. Wilson, jun.	17239	16 Nov. ..	94	10 Dec.
Stone. (See Artificial stone.)					
Stopper, Bottle-	H. R. Bell	14743	15 April, 1902	94	10 Dec.
Stopping ships	C. H. Knowles and F. W. Taylor	17362	11 Dec. ..	2	7 Jan., 1904.*
Strainer. (See Milk-strainer, Wire-strainer.)					
Strap, Parcel-	H. Carter and R. T. Paterson	17198	30 Oct. ..	91	26 Nov.*
Strengthening disc harrow	W. Sutton	17358	8 Dec. ..	2	7 Jan., 1904.*
Submerged vessel, Passing line under	W. J. and H. G. Cummings, R. Chamberlain, and J. W. Abernethy	17191	4 Nov. ..	91	26 Nov.
Sugar, Inversion of	W. E. C. Hoadley	17345	9 Dec. ..	2	7 Jan., 1904.*
Sunken vessel, Raising	E. Veron	17133	22 Oct. ..	91	26 Nov.*
Supply and discharge of cistern	W. J. Hardy and T. I. Wright	17306	25 Nov. ..	94	10 Dec.*
Supporting-device for rotating parts	O. Ohlsson	17229	12 Nov. ..	94	10 Dec.
Supporting hat under chair	F. J. Jones	17377	16 Dec. ..	..	..

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Table, Ironing-	H. A. Baux	17065	2 Oct. ..	84	29 Oct.
Tablet, Washing-	J. C. Williams	17277	21 Nov. ..	94	10 Dec.*
Tail-board of tip dray	J. Kemp	17064	5 Oct. ..	84	29 Oct.
Tailer. (See Lamb-tailer.)					
Tail-holder and leg-bail	A. Leith	17382	16 Dec. ..	2	7 Jan., 1904.*
Tailors' press	A. Baker	17225	11 Nov. ..	91	26 Nov.*
Tank and cooling-chamber	J. Petford	17298	24 Nov. ..	10	4 Feb., 1904.*
Tank-cleaning overflow	R. W. Ashcroft	17185	10 Nov. ..	94	10 Dec.
Tap	J. Ramage	17169	27 Oct. ..	2	7 Jan., 1904.
Tap	H. S. Woolcott	17263	18 Nov. ..	94	10 Dec.*
Tap, Gas-	E. Hinton and F. A. Andrews	17068	6 Oct. ..	84	29 Oct.
Tap, Water-	C. M. Cruickshank	16765	7 Aug. ..	91	26 Nov.
Tar, Dipping wood blocks in	R. S. Rounthwaite	17375	15 Dec. ..	2	7 Jan., 1904.*
Tare beam scales	W. Riddell	17165	21 Oct. ..	91	26 Nov.
Target	A. J. Nicholas	17407	23 Dec. ..	6	21 Jan., 1904.*
Therapeutic apparatus	A. P. Richmond	17267	19 Nov. ..	2	7 Jan., 1904.
Thinner. (See Plant-thinner, Turnip-thinner.)					
Threshing-machine	W. Andrews and A. W. Beaven	17211	5 Nov. ..	91	26 Nov.*
Throw-crank for cycle	J. Ritscher	17363	11 Dec. ..	2	7 Jan., 1904.*
Timber-drying kiln.. .. .	F. J. Jones	17285	28 Nov. ..	94	10 Dec.*
Time service, Electric	A. Knox	17210	3 Nov. ..	94	10 Dec.
Tip dray, Tailboard of	J. Kemp	17064	5 Oct. ..	84	29 Oct.
Tip of billiard-cue	H. L. Greer and T. Colman	17331	5 Dec. ..	94	10 Dec.*
Tire-cover	E. Waters, jun.	17356	8 Dec. ..	2	7 Jan., 1904.*
Tire-cover	H. Lightband	17428	31 Dec. ..	10	4 Feb., 1904*
Tire-cover repairer	G. H. Fowler	17127	21 Oct. ..	87	12 Nov.*
Tire, Inner tube for	S. Nicolson	17244	16 Nov. ..	94	10 Dec.*
Tobacco-cutter	T. Wilkins	17045	1 Oct. ..	84	29 Oct.*
Tobacco-pipe	H. E. J. Morgan	16055	6 March ..	2	7 Jan., 1904.
Toe-protector for boots, &c.	R. Collins.. .. .	16393	28 May ..	2	7 Jan., 1904.
Tool. (See Scribing-tool.)					
Tool for cutting rivets	S. S. Beer	17215	6 Nov. ..	91	26 Nov.*
Tool for drawing nails, &c.	W. McLeod	17168	28 Oct. ..	91	26 Nov.*
Tooth-brush	H. E. Crease	17415	23 Dec. ..	6	21 Jan., 1904.
Toy gun	F. Gale, J. K. Gordon, and T. A. Parks	17047	1 Oct. ..	84	29 Oct.
Trace-spreader	J. Holms, jun.	17237	12 Nov. ..	2	7 Jan., 1904.*
Traction-engine shoe-pin	R. Holland	17276	22 Nov. ..	94	10 Dec.*
Tram-car life-guard and brake.. .. .	J. Arnaboldi	17300	24 Nov. ..	94	10 Dec.
Transmitting cash, &c.	H. Lough.. .. .	17144	22 Oct. ..	94	10 Dec.
Trap. (See Animal-trap.)					
Trapping. (See Rabbits, Trapping.)					
Travelling-gear for disc harrow	W. Sutton	17358	8 Dec. ..	2	7 Jan., 1904.*
Trolley-arm roller	B. R. Garrett	17311	28 Nov. ..	94	10 Dec.*
Trough	W. J. James	17241	16 Nov. ..	94	10 Dec.*
Truing up beater-drum of flax-stripper	J. P. Andrews and J. Anderson	17339	8 Dec. ..	2	7 Jan., 1904.
Truss	W. S. Rice	17230	12 Nov. ..	94	10 Dec.
Tube. (See Pneumatic tube.)					
Tubes, Machine for bending	Lamson Store Service Company, Limited	17193	4 Nov. ..	2	7 Jan., 1904.
Turbine, Fluid-pressure	J. P. Campbell	17153	28 Oct. ..	91	26 Nov.
Turbine, Fluid-pressure	W. E. Hughes	17424	30 Dec. ..	..	..
Turner. (See Music-leaf turner.)					
Turnip-thinner	A. Storrie	17280	23 Nov. ..	94	10 Dec.*
Tying flax	C. Lyford	17073	7 Oct. ..	84	29 Oct.*
Tyre, Inner tube for	S. Nicolson	17244	16 Nov. ..	94	10 Dec.*
Valve	J. Tagell	17208	5 Nov. ..	91	26 Nov.*
Valve	J. Cook	17316	2 Dec. ..	6	21 Jan., 1904.
Valve mechanism	T. H. Alexander	17266	19 Nov. ..	2	7 Jan., 1904.
Valve movement	H. R. Worthington	17354	10 Dec. ..	2	7 Jan., 1904.
Vapour-burning lamp	F. J. Mahoney and C. Casimir	16406	27 May ..	81	15 Oct.
Vapour-generator	The Flameless Gaslight Company, Limited	17419	29 Dec. ..	6	21 Jan., 1904.
Variable-speed gear	A. C. F. Dann	17044	1 Oct. ..	84	29 Oct.
Vat, Gold-saving	A. T. Seldon and H. D. Abbott	17205	2 Nov. ..	91	26 Nov.*
Vehicle-wheel	P. and D. Duncan, Limited	17257	16 Nov. ..	94	10 Dec.*
Vending-machine	L. B. Horrocks	17303	27 Nov. ..	94	10 Dec.*
Venetian-blind	J. D. Leach	17122	20 Oct. ..	87	12 Nov.*
Venetian-blind	S. P. Clements	17146	27 Oct. ..	91	26 Nov.*
Venetian-blind	H. Allen	17327	5 Dec. ..	6	21 Jan., 1904.
Ventilating-window	J. H. Gay	17336	3 Dec. ..	94	10 Dec.*
Ventilator	S. H. Jacobson	16512	20 June, 1902 ..	78	1 Oct †
Ventilator, Ship's	T. Q. East	16225	14 April ..	2	7 Jan., 1904.
Vermin. (See Animals, Rabbits.)					
Vessel	A. N. Whitney	17233	10 Nov. ..	94	10 Dec.*
Vessel, Indicating depth of water under	W. F. Slack	17166	29 Oct. ..	91	26 Nov.*
Vessel, Passing line under sunken	W. J. and H. G. Cummings, R. Chamberlain, and J. W. Abernethy	17191	4 Nov. ..	91	26 Nov.
Vessel-propellor	R. K. Parkerson	17275	18 Nov. ..	94	10 Dec.
Vessel, Raising sunken	E. Veron	17133	22 Oct. ..	91	26 Nov.*
Vessels, Speedily stopping	C. H. Knowles and F. W. Taylor	17362	11 Dec. ..	2	7 Jan., 1904.*
Vote-recorder	F. W. Paterson	17199	30 Oct. ..	91	26 Nov.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Wagon	W. J. O'Hara	17172	27 Oct. ..	91	26 Nov.*
Wall-covering	J. R. Watt	17389	7 Oct. ..	2	7 Jan., 1904.
Warming food	H. Schnitzer	17422	30 Dec. ..	6	21 Jan., 1904.*
Washer, Nut-looking spring	R. E. Pennington	17318	3 Dec. ..	6	21 Jan., 1904.
Washing-boiler	L. Frame	17278	19 Nov. ..	2	7 Jan., 1904.*
Washing-machine	S. J. Osmond	16285	30 April ..	91	26 Nov.
Washing-machine	G. A. W. Alexander	17149	28 Oct. ..	91	26 Nov.
Washing-machine	C. Butler	17338	3 Dec. ..	94	10 Dec.*
Washing-machine, Flax-	W. and A. Ross	17412	24 Dec. ..	6	21 Jan., 1904.
Washing-tablet	J. C. Williams	17277	21 Nov. ..	94	10 Dec.*
Water-cistern	T. W. May	17291	23 Nov. ..	94	10 Dec.*
Water-cistern, Ball valve for	J. Cook	17316	2 Dec. ..	6	21 Jan., 1904.
Water-gas, Manufacture of	W. Gunn	17151	28 Oct. ..	91	26 Nov.
Water-heater	H. A. Baux	17066	2 Oct. ..	84	29 Oct.
Water, Heating and circulating	E. Buckland	17171	27 Oct. ..	91	26 Nov.*
Water, Indicating depth of, under vessel	W. F. Slack	17166	29 Oct. ..	91	26 Nov.*
Water-motor	R. K. Parkerson	17275	18 Nov. ..	94	10 Dec.*
Water, Roof and rain, separating machine	E. Purser	17162	27 Oct. ..	91	26 Nov.*
Water-tank and cooling-chamber	J. Petford	17298	24 Nov. ..	10	4 Feb., 1904.*
Water-tap	C. M. Cruickshank	16765	7 Aug. ..	91	26 Nov.
Wave-motor	J. Purdie	17175	2 Nov. ..	6	21 Jan., 1904.
Weighing-machine	C. Cooper	17288	25 Nov. ..	2	7 Jan., 1904.*
Well-sinking	J. W. Thomas and C. O. McCutcheon	17254	16 Nov. ..	94	10 Dec.*
Wheel	P. and D. Duncan, Limited	17257	16 Nov. ..	94	10 Dec.*
Wheel-jack	D. Dunn	17058	2 Oct. ..	..	..
Wheel-lock	J. R. Flanagan	17117	17 Oct. ..	94	10 Dec.*
Wheel-lock and rein-holder	C. J. Tully	17128	} 22 Oct. ..	91	26 Nov.
Wheel-lock and rein-holder	C. J. Tully	17129			
Wheel-rim	E. A. Rossiter	17186	4 Nov. ..	..	..
Wheel, Rod for	A. McDonald and S. R. Stedman	17099	10 Oct. ..	87	12 Nov.*
Whiffletree	W. H. Crafar	17403	23 Dec. ..	6	21 Jan., 1904.
Whisk and churner	C. J. Painter	17121	20 Oct. ..	91	26 Nov.*
White-lead, Manufacturing	E. G. Mills	17043	1 Oct. ..	84	29 Oct.*
Window. (See also Sash.) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Window, Anti-rattling	L. B. Horrocks	17409	24 Dec. ..	6	21 Jan., 1904.*
Window attachment, Anti-rattling	H. Agar	16045	4 March ..	2	7 Jan., 1904.
Window-frame. (See Shop-window frame.) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Window-guard	J. W. Faulkner	17427	24 Dec. ..	..	..
Window-sash	O. A. Jorgensen and L. A. Needham	17089	9 Oct. ..	87	12 Nov.*
Window-sash holder	E. G. Abell	17156	29 Oct. ..	91	26 Nov.
Window-sash lock	J. Wiseman	17293	26 Nov. ..	94	10 Dec.*
Window-sash operator and retainer	W. Goodwin	17329	5 Dec. ..	2	7 Jan., 1904.
Window-sash raiser, lowerer, and retainer	C. A. Bergersen	17104	15 Oct. ..	87	12 Nov.*
Window-sash retainer and lock	A. M. Bauckham	17217	10 Nov. ..	91	26 Nov.*
Window, Ventilating-	J. H. Gay	17336	3 Dec. ..	94	10 Dec.*
Wire. (See Fencing-wire.) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Wire cutter, twister, and winder	J. and T. R. Christie	17324	2 Dec. ..	94	10 Dec.*
Wire standard	W. White	17087	22 Nov. ..	94	10 Dec.*
Wire-strainer	J. C. Davidson	17143	20 Oct. ..	91	26 Nov.*
Wire-strainer	W. T. Earl	17361	11 Dec. ..	2	7 Jan., 1904.*
Wire-strainer	J. and T. R. Christie	17374	12 Dec. ..	2	7 Jan., 1904.*
Wire winder and unwinder	C. G. Gamble	16635	14 July ..	2	7 Jan., 1904.
Wire-woven-mattress frame	C. Uddstrom	17265	14 Nov. ..	94	10 Dec.*
Wood blocks, Dipping, in tar	R. S. Rounthwaite	17375	15 Dec. ..	2	7 Jan., 1904.*
Wrapper	J. Miller	16733	16 Dec. ..	2	7 Jan., 1904.
Wrench	W. Stock and C. D. Kennedy	17110	15 Oct. ..	84	29 Oct.
Yoke, Pig-	A. Ward	15901	21 Jan. ..	87	12 Nov.

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS DURING QUARTER ENDING 31st DECEMBER, 1903.

Name and Address.	No. of Class.	Design.		Gazette.	
		No.	Date.	No.	Date.
Alcock and Co., Melbourne, Vic.	3	194	1 Oct. ..	81	15 Oct.
Brett Printing and Publishing Company, Limited, The, Auckland, N.Z.	5	197	10 Dec. ..	2	7 Jan., 1904.
Hair, J., Oamaru, N.Z.	1	198	16 Nov. ..	10	4 Feb., 1904.
O'Connor and Tydeman, Palmerston North, N.Z.	2	195	12 Oct. ..	84	29 Oct.
Thomlinson, C. R., Launceston, Tasmania	5	196	15 Oct. ..	87	12 Nov.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER ENDING 31st DECEMBER, 1903.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Adams and Sons, Limited, G.	Wolverhampton, Eng.	5	4449	15 Nov.	91	26 Nov.
Aeolian Company, The	New York, U.S.A.	9	4445	13 Nov.	91	26 Nov.
Aeolian Company, The	New York, U.S.A.	9	4446	13 Nov.	91	26 Nov.
Auckland Co-operative Boot and Shoe Company, Limited, The	Auckland, N.Z.	38	4490	24 Dec.	2	7 Jan., 1904.
Austral-American Mercantile Company, Limited, The	Sydney, N.S.W.	48	4412	8 Oct.	91	26 Nov.
Awahuri Dairy Factory Company, Limited, The	Awahuri and Palmerston North, N.Z.	42	4486	21 Dec.	2	7 Jan., 1904.
Barclay, Perkins, and Co., Limited	London, Eng.	43	4480	14 Dec.	..	..
Bell and Co. (See J. Bell and E. W. I. Collins.)	London, Eng.	43	4480	14 Dec.	..	..
Bell, J., and another	Palmerston North, N.Z.	47	4416	13 Oct.	10	4 Feb., 1904.
Bile Bean Manufacturing Company, The	Leeds, Eng.	3	4438	4 Nov.	87	12 Nov.
Bile Bean Manufacturing Company, The	Leeds, Eng.	3	4439	4 Nov.	87	12 Nov.
Bills, C.	Dunedin, N.Z.	41	4432	24 Oct.	87	12 Nov.
Bock and Co., P.	Auckland, N.Z.	3	4476	10 Dec.	..	..
Brown, I.	Hokitika, N.Z.	22	4462	2 Dec.	6	21 Jan., 1904.
Buchanan and Co., J. (See J. Buchanan.)	London, Eng.	43	4406	7 Oct.	84	29 Oct.
Buchanan, J.	London, Eng.	43	4407	7 Oct.	..	..
Buchanan, J.	London, Eng.	43	4407	7 Oct.	..	..
Burrell and Co., D. H.	Little Falls, U.S.A.	8	4204	18 May	78	1 Oct.
Butler, A. S.	London, Eng.	48	4467	7 Dec.	2	7 Jan., 1904.
Central Cyclone Company, Limited, The	London, Eng.	6	4481	14 Dec.	2	7 Jan., 1904.
Clipper Pneumatic Tire Company, Limited, The	Coventry, Eng.	40	4030	17 Dec., 1902	87	12 Nov.
Collins, E. W. I., and another	Palmerston North, N.Z.	42	4416	13 Oct.	10	4 Feb., 1904.
Cooper, F. J.	Auckland, N.Z.	3	4484	18 Dec.	2	7 Jan., 1904.
Corn products Company, The	New York, U.S.A.	42	4468	7 Dec.	94	10 Dec.
Covent Garden Company, Limited, The	Dunedin, N.Z.	42	4417	15 Oct.	..	..
Crozier, D., and another	Auckland, N.Z.	22	4441	10 Nov.	91	26 Nov.
Crozier, D., and another	Auckland, N.Z.	22	4465	5 Dec.	94	10 Dec.
Dent and Co., C. S.	London, Eng.	3	4497	30 Dec.	6	21 Jan., 1904.
Denver Chemical Manufacturing Company, The	New York, U.S.A., and London, Eng.	3	4495	29 Dec.	6	21 Jan., 1904.
Dexter and Crozier. (See R. A. Dexter and D. Crozier.)	London, Eng.	3	4495	29 Dec.	6	21 Jan., 1904.
Dexter, R. A., and another	Auckland, N.Z.	22	4441	10 Nov.	91	26 Nov.
Dexter, R. A., and another	Auckland, N.Z.	22	4465	5 Dec.	94	10 Dec.
Dudgeon and Arnell Proprietary, Limited	Melbourne, Vic.	45	4422	15 Oct.	84	29 Oct.
Dudgeon and Arnell Proprietary, Limited	Melbourne, Vic.	45	4423	15 Oct.	84	29 Oct.
Dutton and Co.	Auckland, N.Z.	42	4475	9 Dec.	2	7 Jan., 1904.
Dutton, E., and another	Auckland, N.Z.	3	4403	3 Oct.	84	29 Oct.
Dutton, E., and another	Auckland, N.Z.	3	4426	20 Oct.	84	29 Oct.
Dutton, R. A., and another	Auckland, N.Z.	3	4403	3 Oct.	84	29 Oct.
Dutton, R. A., and another	Auckland, N.Z.	3	4426	20 Oct.	84	29 Oct.
Evans, S. J.	Dunedin, N.Z.	3	4427	21 Oct.	91	26 Nov.
Ferguson and Co., J.	Glasgow, Scotland, and Melbourne, Vic.	43	4411	8 Oct.	84	29 Oct.
Fletcher, C.	Wellington, N.Z.	3	4429	23 Oct.	87	12 Nov.
Fletcher, C.	Wellington, N.Z.	3	4430	23 Oct.	87	12 Nov.
Fresh Food and Ice Company, The. (See McNeill Bros.)	Wellington, N.Z.	3	4430	23 Oct.	87	12 Nov.
Gavin, Gibson, and Co.	Melbourne, Vic.	38	4414	13 Oct.	..	..
Gavin, Gibson, and Co.	Melbourne, Vic.	38	4415	13 Oct.	..	..
Gavin, Gibson, and Co.	Melbourne, Vic.	38	4457	26 Nov.	..	..
Goodwin and Phelan	Wellington, N.Z.	22	4498	30 Dec.	..	..
Grett, J.	Christchurch, N.Z.	42	4452	18 Nov.	91	26 Nov.
Grove, E.	Palmerston North, N.Z.	42	4488	22 Dec.	..	..
Hardie and Co., J.	Sydney, N.S.W., and Melbourne, Vic.	17	4437	4 Nov.	..	..
Hatton and Co., J. (See J. Hatton.)	Dunedin, N.Z.	42	4487	21 Dec.	6	21 Jan., 1904.
Hatton, J.	Dunedin, N.Z.	42	4487	21 Dec.	6	21 Jan., 1904.
Heather and Co., W. H. (See W. H. N. and V. J. Heather.)	Dunedin, N.Z.	42	4487	21 Dec.	6	21 Jan., 1904.
Heather, V. J., and another	Auckland, N.Z.	43	4493	29 Dec.	..	..
Heather, V. J., and another	Auckland, N.Z.	43	4494	29 Dec.	..	..
Heather, W. H. N., and another	Auckland, N.Z.	43	4493	29 Dec.	..	..
Heather, W. H. N., and another	Auckland, N.Z.	43	4494	29 Dec.	..	..
Holland and Son, J. L. (See J. L. Holland.)	Auckland, N.Z.	1	4482	14 Dec.	..	..
Hollins and Co., Limited, W.	Mansfield, Nottingham, and London, Eng.	33	4473	9 Dec.	2	7 Jan., 1904.
Hollins and Co., Limited, W.	Mansfield, Nottingham, and London, Eng.	38	4474	9 Dec.	2	7 Jan., 1904.
Hughes, G. H.	London, Eng.	42	4463	2 Dec.	94	10 Dec.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Imperial Tobacco Company (of Great Britain and Ireland), Limited, The	Bristol, Eng.	50	4478	14 Dec.	2	7 Jan., 1904.
Imperial Tobacco Company (of Great Britain and Ireland), Limited, The International Supply Company, The. (See T. Wilson and J. W. Perry.)	Bristol, Eng.	50	4479	14 Dec.	2	7 Jan., 1904.
Irvine, W. H.	Dunedin, N.Z.	42	4459	27 Nov.	94	10 Dec.
Jessep and Elmsley	Temuka, N.Z.	22	4456	7 Dec.	2	7 Jan., 1904.
Kenderdine, A. G.	Auckland, N.Z.	2	4402	3 Oct.	81	15 Oct.
Kenderdine and Kirkup	Auckland, N.Z.	47	4443	12 Nov.	..	..
Kenderdine and Kirkup	Auckland, N.Z.	50	4444	12 Nov.	91	26 Nov.
Laing, W. D.	Dunedin, N.Z.	3	4410	8 Oct.	81	15 Oct.
Leonard, F. H.	Auckland, N.Z.	2	4419	15 Oct.	84	29 Oct.
Lever Bros., Limited	Sydney, N.S.W.	48	4491	23 Dec.	2	7 Jan., 1904.
Lewis, A. M.	Wellington, N.Z.	18	4408	7 Oct.	81	15 Oct.
Lineal Company, Limited, The	London, Eng.	3	4469	7 Dec.	94	10 Dec.
Lysaght, Limited, J.	Bristol, Eng.	5	4477	11 Dec.	2	7 Jan., 1904.
Mackerras and Hazlett	Dunedin and Invercargill, N.Z.	42	4489	23 Dec.	2	7 Jan., 1904.
McLoughlin, J.	Cromwell, N.Z.	44	4483	12 Dec.	..	..
McNeill Bros.	Wanganui, N.Z.	42	4450	16 Nov.	2	7 Jan., 1904.
Meadows, F. N. R.	Wellington, N.Z.	42	4485	18 Dec.	2	7 Jan., 1904.
Me'da Proprietary, The	Wellington, N.Z.	3	4434	3 Nov.	87	12 Nov.
Millington, M.	Greymouth, N.Z.	3	4440	5 Nov.	91	26 Nov.
Morgan Crucible Company, Limited, The	London, Eng.	16	4404	6 Oct.	81	15 Oct.
Muir, R.	Auckland, N.Z.	3	4466	5 Dec.	94	10 Dec.
New Zealand Dairy Association, Limited, The	Auckland, N.Z.	42	4421	15 Oct.	87	12 Nov.
Nicolay and Co.	London, Eng., and Zurich, Switzerland	3	4464	2 Dec.	..	..
Palmer and Co., Limited	London, Eng.	47	4405	7 Oct.	81	15 Oct.
Papier Poudré, Limited. (See A. S. Butler.)						
Patterson, J. R.	Wellington, N.Z.	42	4425	19 Oct.	84	29 Oct.
Peacock, W. W. M.	Swannanoa, N.Z.	42	4431	26 Oct.	87	12 Nov.
Perry, J. W., and another	Christchurch, N.Z.	42	4424	9 Oct.	84	29 Oct.
Preservaline Manufacturing Company, The	New York, U.S.A.	42	4397	1 Oct.	..	..
Preservaline Manufacturing Company, The	New York, U.S.A.	42	4398	1 Oct.	..	..
Raimes and Co., Limited	Stockton-on-Tees, Eng.	50	4471	9 Dec.	2	7 Jan., 1904.
Rattray and Son, J.	Dunedin, N.Z.	42	4413	9 Oct.	87	12 Nov.
Reddaway and Co., Limited, F.	Manchester, Eng.	50	4433	28 Oct.	87	12 Nov.
Reece and Sons, E.	Christchurch, N.Z.	47	4461	2 Dec.	..	..
Sargood, Son, and Ewen	Wellington, N.Z.	38	4399	2 Oct.	84	29 Oct.
Sargood, Son, and Ewen	Wellington, N.Z.	38	4400	2 Oct.	..	..
Sargood, Son, and Ewen	Wellington, N.Z.	38	4401	2 Oct.	81	15 Oct.
Sears, E.	Nelson, N.Z.	22	4418	15 Oct.	87	12 Nov.
Smith and Smith	Dunedin, N.Z.	1	4447	15 Nov.	..	..
Smith and Smith	Dunedin, N.Z.	1	4448	15 Nov.	94	10 Dec.
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp	Fécamp, France	43	4435	29 Oct.	2	7 Jan., 1904.
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp	Fécamp, France	43	4436	29 Oct.	2	7 Jan., 1904.
Spalding and Bros., A. G.	New York, U.S.A.	49	4496	30 Dec.	10	4 Feb., 1904.
Taylor, J.	Dunedin, N.Z.	38	4428	22 Oct.	84	29 Oct.
Turnbull and Co., W. and G.	Wellington, N.Z.	42	3938	16 Sept., 1902	94	10 Dec.
Turnbull and Co., W. and G.	Wellington, N.Z.	42	4442	12 Nov.	94	10 Dec.
Van Westrum, L. S.	Berlin, Germany	50	4472	9 Dec.	2	7 Jan., 1904.
Vining, W. G.	Nelson, N.Z.	22	4453	24 Nov.	94	10 Dec.
Waldberg and Co., Gesellschaft mit Beschraenkter Haftung	Berlin, Germany	8	4175	24 April	2	7 Jan., 1904.
Welsbach Light Company of Australasia, Limited, The	London, Eng.	18	4420	15 Oct.	84	29 Oct.
Westrum. (See Van Westrum.)						
Wheeler, C. L.	Christchurch, N.Z.	42	4470	8 Dec.	2	7 Jan., 1904.
White, Tomkins, and Courage, Limited	London, Eng.	42	4451	20 Nov.	..	..
Wight, R. B.	Auckland, N.Z.	43	4458	27 Nov.	94	10 Dec.
Wilkinson, F.	Caversham, N.Z.	3	4460	1 Dec.	2	7 Jan., 1904.
Wilkinson, R.	Auckland, N.Z.	13	4454	24 Nov.	94	10 Dec.
Williamson, H. B.	Wanganui, N.Z.	3	4409	8 Oct.	..	..
Wilson, T., and another	Christchurch, N.Z.	42	4424	9 Oct.	84	29 Oct.
Wooding and Teasdale	Leicester, Eng.	38	4492	29 Dec.	6	21 Jan., 1904.
Wostenholm and Son, Limited, G.	Sheffield, Eng.	12	4455	24 Nov.	94	10 Dec.