

1905.
NEW ZEALAND.

PATENTS, DESIGNS AND TRADE MARKS:

SIXTEENTH 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, 1904.

The total number of applications under the three heads of Patents, Designs, and Trade Marks, was the highest recorded during a single year.

The fees paid amounted to £4,642 19s. 6d. This is less than the amount for 1903, but much higher than that for any other previous year. As I pointed out in my last report the ordinary revenue for 1903 was considerably augmented by the fees paid in that year for the renewal of trade marks registered from 1861 to 1890, while last year's revenue only benefited from that source by the renewal fees paid on trade marks registered in one year, *i.e.*, 1891.

The expenditure amounted to £1,775 17s. 11d., £118 16s. 6d. more than in 1903, due chiefly to extra clerical assistance for classification of records (£113). £675 0s. 7d., or 38·01 per cent., was in respect of work done in the Government Printing Office.

PATENTS.

The number of applications received was 1,483, a greater number than in any previous year except 1903, in which 1,604 applications were lodged. Forty-three applications were received from women, or 2·8 per cent.

The fees derived from patents amounted to £3,751 19s., £212 9s. 10d. less than in 1903, the falling off being principally due to the fewer applications received and fewer patents sealed and renewed. The number of applications lodged with provisional specifications is again very much in excess of those lodged with complete specifications, the figures being respectively 962 and 521. The complete specifications left after provisional specifications numbered 271, 13 less than in the previous year, and 609 letters patent were sealed, 65 less than in 1903. The renewal fees received are about the same as in the previous years.

It will be noticed on referring to the tables that, roughly speaking, letters patent are issued in respect of about half the number of applications lodged, that the second-term fee is paid on about a third of such patents, and that the third-term fee is received on rather less than half the patents kept alive by payment of the second-term fee. This colony issues patents in about the same proportion to the applications made as the United Kingdom, and the average life of a patent is rather longer here than in that country. The difference is probably due to the payment of annual fees in the United Kingdom and to only two renewal fees being required in this colony, one after the fourth and the other at the end of the seventh year.

COUNTRIES FROM WHICH APPLICATIONS WERE RECEIVED.

Out of the total of 1,483 applications residents of this colony sent in the large proportion of 954. This number, however, does not equal by 110 the applications lodged in 1903, although higher than the figures for any other former year. Compared with the previous year a falling off of 19 is also shown in the number received from the United Kingdom (110), of 12 in the number from the United States (100), of 5 in the number from Germany (10). The Commonwealth of Australia last year sent 274 applications, 22 more than in 1903. A full list of the number of applications received from all countries is contained in Table H.

NATURE OF INVENTIONS.

The number of applications in respect of the different classes of inventions is set out in Table I in the Appendix. As a rule, some particular branch of industry is more active than others, and produces for the time a proportionately greater number of applications for patents. This was, for instance, particularly noticeable when the dredging and cycle industries were at their highest point. During the last few years, however, no special class of inventions has shown any very noticeable advance. Small increases are shown during the year in the number of applications in respect of boots and shoes, 38 to 54, due to the development of American machinery;

in respect of boxes, 19 to 52, owing principally to demand for improved boxes and modes of carriage for eggs, as a result of the greater attention paid to the poultry industry; in respect of fibre-dressing, 19 to 28, being chiefly attempts to lessen the handling, and consequently the cost in washing and drying processes. The applications lodged for stationery were doubled, owing to the large number of letter and post cards and envelopes patented, and applications in respect of washing and cleansing appliances were more numerous than last year. The falling-off chiefly occurred in "bottles and bottling," 28 to 15; "cultivating," 48 to 21; "fencing," 44 to 27; "locks," &c., 35 to 17; "pipes," &c., 21 to 11; "railways," 52 to 30; "roads" and "ways," 14 to 5; and "wearing apparel," 61 to 51.

INTERNATIONAL CONVENTION.

During 1904 17 applications were received in this colony under the Convention, 9 from England, 3 each from the United States and Germany, and one each from Queensland and Sweden.

In view of the growing importance of the union a brief reference to its provisions so far as they relate to the protection of inventions may be of interest.

The Convention was first signed on the 20th March, 1883, and contained nineteen articles relating to the mutual protection of industrial property, No. 4 of these articles providing for the granting of priority in the case of applications for letters patent. The contracting States consisted of Belgium, Brazil, Spain, France, Guatemala, Italy, Holland, Portugal, Salvador, Servia, and Switzerland.

The necessary legislation having been passed, the United Kingdom acceded to the Convention on the 17th March, 1884, and this colony on the 7th September, 1891. The terms of the Convention were on the 14th December, 1900, modified by an additional Act, and No. 4 of the articles now runs as follows:—

"Any person who shall have duly applied for a patent, industrial design, or model or trade mark in one of the contracting States, shall enjoy, in order to admit of such request being lodged in the other States during the periods of time mentioned below, a right of priority, the rights of third parties being reserved.

"Consequently, subsequent registration in one of the other States of the Union, before the expiration of such periods of time, shall not be invalidated by any acts accomplished in the interval—either, for instance, by another registration, by the publication of the invention, or by the working of it, by the sale of patterns, of the design or model, or by the use of the trade mark.

"The above-mentioned periods of time during which priority is guaranteed shall be twelve months for patents with respect to inventions, and four months for patents for industrial designs or models, as well as for trade or merchandise marks."

As section 106 of the New Zealand Act provides for a term of twelve months, and is otherwise in accordance with the amended Act, this colony was enabled without passing fresh legislation to notify its adherence to the additional Act.

The countries now forming the Union are: Belgium, Brazil, Cuba, Curaçoa, and Surinam, Denmark with the Farøe Islands, East Indian Colonies of the Netherlands, Dominican Republic, France, Algeria and Colonies, Great Britain, Germany, Italy, Japan, Mexico, Netherlands, New Zealand, Norway, Portugal with the Azores and Madeira, Queensland, Santa Domingo, Servia, Spain, Sweden, Switzerland, Tunis, United States of America.

It will be seen that an application in any of these countries carries twelve months priority, or what practically amounts to provisional protection in the others. This arrangement is a great benefit to inventors, and is, I hope, a forerunner of other advantages in the way of simplifying procedure and reducing fees, if not of conferring still greater benefits on the inhabitants of the countries constituting the union.

OPPOSITION.

Notices of opposition were lodged in respect of 8 applications, 7 hearings took place, and notices of appeal were lodged in 4 cases.

CLASSIFYING AND INDEXING.

The classification of the records, which has been in hand for some time, has now been completed. The specifications and drawings since 1879 (when the printing of the specifications ceased) are now arranged in the classes set out on page xi., and an index in each class shows against the subject-matter of the various inventions the numbers of the patents granted in connection therewith.

A card index or key to the classification has been compiled to facilitate reference. Any one desirous of seeing the inventions on a certain subject has now merely to refer to the key, and having thus ascertained the class turn up the volumes of specifications containing it. By means of the index in front of the former he can readily refer to the full description and plans of the inventions. In order that all the inventions patented by any individual may be turned up with as equal facility as those relating to any subject an index of names is being added to each class.

Considerable difficulty has been experienced in indexing some of the classes satisfactorily, and it has been found necessary to make some of the headings in minerals, electricity, &c., rather comprehensive, but room has been left in the indexes to permit of these headings being subdivided if at any time it is considered advisable to do so. The office has been somewhat handicapped, also, in classifying, by having only one set of specifications and drawings to utilise for the purpose, and in many cases where an invention comes in more than one class, it has been obliged to resort to cross references and the insertion of sheets containing the name, address, title, and class in which the specification and drawing have been placed.

The work of binding the different classes, rendered very difficult by the drawings being all sorts and sizes, has been carried out in a very satisfactory manner by the Government Printing Office,

DESIGNS.

Twenty-six applications were received, and registration effected in twenty-four cases. Eleven designs were in Class 1 (articles composed wholly or partly of metal, not included in Class 2), 1 in Class 2, (jewellery), 3 in Class 3 (articles composed wholly or partly of wood, bone, ivory, papier-mache, or other solid substances, not included in other classes), 2 in Class 4 (articles composed wholly or partly of glass, earthenware, or porcelain, bricks, tiles, or cement), 5 in Class 5 (articles composed wholly or partly of paper, except hangings), 1 in Class 8 (carpets and rugs in all materials, floor-cloths, and oil-cloths), and 1 in Class 12 (goods not included in other classes).

The revenue received from this source was £13 5s., as compared with £16 for last year.

Judging by the small number of registrations effected, this mode of protection, which only extends to the "pattern, shape, or configuration" of articles, does not commend itself to the manufacturers and others of this colony. This form of registration, however, affords a simple and efficient means of protecting patterns, castings, mouldings, &c., and is very largely resorted to in other countries, over 20,000 designs being registered in the United Kingdom in 1903.

With the development of our manufactures a large increase in the registration of designs may be looked for.

CLASSIFICATION.

During the year the classification and binding of all designs on the register has been effected.

TRADE MARKS.

The most noteworthy feature of last year's working was the number of applications for registration of trade marks—*i.e.*, 592, an increase of 145 or 32·4 per cent. on the previous year, while the growth of business in this respect as shown by Table E has been somewhat irregular, the difference in the number of applications when the Act first came into force in 1890 (160) and the number received last year (592) is very striking.

The fees received under this head amounted to £836 16s., £450 19s. 8d. less than last year, the falling off being due, as I have already explained, to the renewal fees being paid only in respect of marks registered during one year instead of during several, as was the case in 1903. Apart from the renewal fees, a substantial increase in revenue is shown, the fees in nearly all other respects being in excess of those for the previous year.

GOODS FOR WHICH TRADE MARKS REGISTERED.

The number of applications received in the various classes is shown in Table IB. Out of the 592 applications, the number received in Class 42 in respect of "Substances used as food or as ingredients in food," was no less than 164, about double the number for the previous year; 22 were made in Class 2, "Chemical substances used for agricultural, veterinary, and sanitary purposes," an increase of 6; 63 in Class 3 (medicines), an increase of 14; 13 in Class 7, "Agricultural machinery," an increase of 12; 14 in Class 13, "Metal goods not included in other classes," an increase of 8; 20 in Class 22, "Vehicles," an increase of 7; 43 in Class 47, "Candles, soap, oils, &c.," an increase of 12; and 43 in Class 50, "Miscellaneous," an increase of 20. Decreases are shown in Classes 18, "Engineering, architectural, and building contrivances," 7 in 1903, 2 in 1904; in Class 45, "Tobacco," 37 in 1903, 28 in 1904; and the other classes remain normal.

COUNTRIES FROM WHICH APPLICATIONS RECEIVED.

The increase in the applications was chiefly due to the large number received last year from residents in the colony—334, as compared with 219 in the previous year; 67 were received from the Australian Commonwealth, as compared with 51 in 1903; 15 applications from Canada, as compared with 1 received in 1902-3; and the number from Germany increased to 15 in 1904 from 7 in 1903. The applications from the United States show an increase of 8—48, as compared with 40. A falling off occurred in the number of applications received from the United Kingdom, 128 being recorded in 1903 and 106 in 1904.

OPPOSITION.

Opposition was lodged in respect of 17 applications, and notice of appeal was given in three cases.

CLASSIFYING TRADE MARKS.

The work of classifying and reindexing trade marks has now been completed. The readiness with which marks can under the new arrangement be referred to means a very great saving both in time and trouble to the staff, as well as to agents and others doing business with the office.

GENERAL.

LIBRARY.

The library is accommodated in a large room adjoining the office, and is open to the public during office hours. From the list of contents printed on page vi., it will be seen that the colony has in the library a valuable collection of specifications and drawings, abridgments, &c., of other countries. This office is indebted to the Comptroller-General of Patents, London, for regularly sending out all the publications of his office; to the Commissioner of Patents, Washington, for supplying the Official Gazette of the United States Patent Office; and to the heads of other Patent Offices for their publications. Through the courtesy of the Director, New York Public Library (Astor, Lenox, and Tilden Foundations), this office has also received 33 volumes of the Official Gazette of the United States Patent Office for the years 1880 and 1889 inclusive, a gift which is very highly appreciated, as it completes the set now in the office.

PATENT AGENTS.

During the year seven names were added to the Register of Patent Agents, bringing the number up to sixty-four. Five cases were those of solicitors, who are entitled to registration without examination.

A copy of the papers set in the other two cases in which examinations were held is included in this report. While these are intended to give intending candidates and others a general idea of the scope of the examination, it should be mentioned that considerable discretion is allowed examiners in setting their papers, and that in addition a *viva voce* examination is held.

The profession is now well established, and fills an important place in preparing applications, and doing other work which does not come within the province of the Patent Office. This distinction between the duties of patent agents and those of the Patent Office seem to be lost sight of by some members, who, in describing their premises as "Patent office" or "Office for patents" may inadvertently convey a wrong impression. I recognise that this practice is one of long-standing, both in this colony and other countries, but it seems to me to be inadvisable. I notice that the members of the Institute of Patent Agents in England have voluntarily resolved to discontinue it, and that it has been debarred by a recent regulation of the Commonwealth Patent Office.

CONCLUSION.

I desire again to record my appreciation of the good work performed by the office staff; and I cannot close this report without express mention of the Deputy Registrar, Mr. J. C. Lewis, to whose loyal and efficient co-operation I am much indebted.

The Appendix hereto contains:—

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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 1902, 1903, and 1904 ...	...	xi
IB. Number of Applications to register Trade Marks, in the Fifty Different Classes, in each of the Years 1902, 1903, and 1904 ...	...	xii
J. Alphabetical List of Applicants for Patents,—		
For quarter ending 31st March, 1904 ...	...	1
" 30th June, " ...	...	20
" 30th September, " ...	...	44
" 31st December, " ...	...	70
K. Alphabetical List of Titles of Inventions for which Letters Patent have been applied,—		
For quarter ending 31st March, 1904 ...	...	8
" 30th June, " ...	...	30
" 30th September, " ...	...	54
" 31st December, " ...	...	79
L. Alphabetical List of Applicants for Registration of Trade Marks,—		
For quarter ending 31st March, 1904 ...	...	17
" 30th June, " ...	...	41
" 30th September, " ...	...	67
" 31st December, " ...	...	90
M. Alphabetical List of Applicants for Registration of Designs,—		
For quarter ending 31st March, 1904 ...	...	19
" 30th June, " ...	...	43
" 30th September, " ...	...	69
" 31st December, " ...	...	93

Patent Office,
Wellington, 30th June, 1905.

F. WALDEGRAVE,
Registrar.

APPENDIX.

PAPERS SET AT EXAMINATIONS OF CANDIDATES FOR REGISTRATION AS PATENT AGENTS
HELD DURING 1904.

1. EXPLAIN fully the requisites of—
 - (a.) A provisional specification ;
 - (b.) A complete specification.
 2. Give a brief outline of what inventions are patentable, classifying same as far as possible.
 3. State briefly the principles that guide the Courts in maintaining patent rights when the latter are attacked.
 4. Explain what constitutes publication by prior user and give examples—
 - (a.) What amounts to publication by prior user.
 - (b.) What would not amount to publication by prior user.
 5. An inventor consults you, stating that he has discovered, after applying for a patent, that a French work to be found on the shelves of the reference libraries in the colony contained (unknown to the inventor) full specifications and plans of his invention ; otherwise, as far as the inventor knows, he is the first and true inventor. Can the patent, if granted, be attacked on the ground of prior publication ?
 6. A applies for a patent for an article patentable under ordinary conditions, but the identical article was produced some fifty years ago by a person who kept the method of manufacture secret, and whose secret died with him. Is A entitled to a grant of Letters Patent ?
 7. Define what constitutes utility in a patent, and indicate in your answer what degree of utility is necessary to support a patent.
 8. A consults you stating that he has been working on a patent jointly with B as joint investigators and discoverers. B refuses to either join in applying for a patent or to assign his interest in the invention to A, and A asks you to advise him as to his position as an inventor and as to his rights, and how same can be best protected. How would you advise A as to his position ? and give your reasons for the advice given.
 9. What must a patentee applying for an extension of patent prove in order to succeed in his application, and what form must the application take, and to whom is it addressed ?
 10. Who may apply for revocation of a patent ?
 11. What is the meaning and effect of a compulsory license, and under what circumstances can one be obtained ?
 12. To what extent can a specification be amended ? State the limits of amendment.
 13. A informs you that he has purchased a patent which is already the subject of Letters Patent : state fully the steps A must take in order to complete his title and obtain the full benefit of his purchase.
 14. How can the vendor of an article sold as patented, which is not in fact a patent article, be punished ?
 15. What steps must the holder of a British patent take to protect himself against an infringement in this colony ?
-
1. Who may apply for a patent ? What difference, if any, is there between the New Zealand and the English Act in this respect ?
 2. Explain and illustrate the rule that a mere principle is not patentable.
 3. What are the different kinds of " publication " which will invalidate a patent subsequently applied for ? State in each case what amount of publication, and under what circumstances, will be sufficient to invalidate. What relation does the question of publication bear to the general question of novelty ?
 4. What is the test as to whether a " combination " is patentable ? What special points require attending to in drawing the claim in a specification for a combination patent ?
 5. The following were the facts in two well-known cases of actions for infringement in which the validity of the plaintiff's patent was questioned : In the first the patent was for crinolines, and the invention consisted in the substitution of steel springs for whalebone and other elastic materials. In the second the patent was for an improvement in electric lamps : the claim was for " the combination of a carbon filament within a receiver made entirely of glass, through which the leading wires pass, and from which receiver the air is exhausted, for the purposes set forth " : substantially the same lamp had been constructed in two previous instances, the only change made by the plaintiff being the substitution of a carbon filament for a carbon rod, with the object and effect of producing high resistance to the electric current (and corresponding intensity of light), with great durability. What was the decision in each of these cases as to the validity of the patent ? What were the grounds of the decisions ? Discuss the principles applicable.
 6. What are the objects of lodging a provisional specification ? With what degree of particularity must a provisional specification be drawn ?
 7. When will a patent be invalid on the ground of nonconformity of the complete with the provisional specification ? What are the tests of the sufficiency or insufficiency of the complete specification as regards the description of the invention ?
 8. What are the provisions of the Act of 1889 in regard to amendment of the specification ?
 9. State shortly the principal steps in the procedure for obtaining a patent, and the points to be attended to in regard to each, giving the times within which such steps must be taken, where times are prescribed.
 10. What is the procedure for obtaining an extension of the term of a patent ? For what period can an extension be granted ? Upon what grounds can an extension be granted ?

PATENT OFFICE LIBRARY.

This library contains the following publications, viz. :—

United Kingdom.

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 23rd February, 1905.

Classified abridgments of inventions to 1900.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to March, 1905.

Index of Applicants.

Subject-matter Index.

Commissioner of Patents Journal, &c.^(*).

Trade Marks Journal to January, 1905.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to November, 1904^(b).

Australia.

The Official Journal of Patents of the Australian Commonwealth (containing lists of applications for letters patent, abridgments of complete specifications accepted, &c.).

The Gazettes of the various States (containing lists of applications for registration of trade marks, &c.).

Specifications, drawings, abridgments, and indexes of Victoria, New South Wales, Queensland, and South Australia^(c).

United States.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to April, 1905^(d).

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

General.

La Propriété Industrielle (the official organ of the International Bureau of the Union for the Protection of Industrial Property).

Patent laws of the world.

Patent and Trade Mark Review.

Text-books and handbooks on patents and trade marks.

Miscellaneous publications.

Illustrated catalogues, price-lists of machinery, &c.

BOOKS AND DOCUMENTS OPEN TO INSPECTION.

The following documents and books are open to public inspection at the Patent Office :—

Patents.

(Fee for each search or inspection, not exceeding one hour, 1s.)

1. The files relating to all applications for letters patent in respect of which complete specifications have been accepted.

2. Classified copies of specifications and drawings, with index and key^(e).

3. Register of Applications for Letters Patent.

4. Register of Patents.

5. Register of Subsequent Proprietors of Letters Patent^(f).

6. Index of Patentees^(g).

7. Index of Proprietors of Letters Patent granted prior to 1890^(h).

8. Index of Specifications⁽ⁱ⁾.

Designs.

(Search fee, 1s. each quarter of an hour.)

1. Register of Designs, with Index of Names of Proprietors.

2. Classified Representations of Designs in respect of which Copyright has expired.

3. Index of Designs.

Trade Marks.

(Search fee, 1s. each quarter of an hour.)

1. The files relating to all applications for registration of trade marks.

2. Register of Applications for Registration of Trade Marks.

3. Register of Trade Marks.

4. Index of Applicants for Registration of Trade Marks^(j).

5. Index of Trade Marks.

6. Classified Representations of Trade Marks, with indexes.

Miscellaneous.

Register of Patent Agents.

(*) Discontinued.

(b) These may also be seen at the Public Libraries, Auckland and Christchurch.

(c) In arrears. Not now being printed.

(d) May also be seen at the Public Library, Christchurch.

(e) Key is in card index.

(f) This Register contains only names of subsequent proprietors of letters patent granted prior to 1st January, 1890; since that date they appear in Register of Patents.

(g) Includes all names of applicants, &c., and consists of four volumes to 4th November, 1903, and card index since that date. A separate card index is kept for current quarter.

(h) The names of proprietors of subsequent letters patent appear in the Index of Patentees.

(i) Contains classified abridgments of specifications from 1861, with extracts from drawings from July, 1904.

(j) Names of applicants for registration and proprietors of trade marks are indexed at the beginning of the Registers up to 31st December, 1889; in separate volume up to 5th September, 1904; and since the latter date are in the card index.

A.—BALANCE-SHEET of INCOME and EXPENDITURE for the Year ending 31st December, 1904.

<i>Income.</i>			<i>Expenditure.</i>		
	£	s. d.		£	s. d.
Patent fees ...	3,751	19 0	Salaries ...	674	18 6
Design fees ...	13	5 0	Clerical assistance ...	279	10 0
Trade-mark fees ...	836	16 0	Copying specifications ...	17	15 7
Sale of Acts, Gazettes, &c. ...	32	4 0	Fees to Patent Office Agents ...	68	12 6
Miscellaneous ...	8	15 6	Binding printed specifications, &c., presented to office by other countries*	22	0 0
			Printing Patents <i>Gazette</i> *	534	17 10
			Other printing and binding*	101	5 4
			Stationery ...	16	17 5
			Card cabinet ...	15	18 6
			Books, patent laws, &c. ...	11	10 6
			Telephone ...	7	0 0
			Payments refunded ...	6	0 0
			Incidental expenses ...	19	11 9
			Balance for the year ...	2,867	1 7
	£4,642	19 6		£4,642	19 6

* 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.
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	
1900 ..	3,396	17 3	1,027	5 8	2,369	11 7		1904 ..	4,642	19 6	1,775	17 11	2,867	1 7	

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

C.—PARTICULARS of FEES received from the 1st JANUARY to the 31st DECEMBER, 1904.

	Number.	Fees. — Each.	Amount received.
PATENTS.			
Applications for patents with provisional specifications	962	£ s. 0 10	£ s. d. 481 0 0
Applications for patents with complete specifications	523	0 10	261 10 0
Complete specifications left after provisional specifications	271	0 10	135 10 0
Applications to amend specifications	7	1 0	7 0 0
Issue of letters patent	609	2 0	1,218 0 0
Renewal fees before end of fourth year from date of patent	176	5 0	880 0 0
Renewal fees before end of seventh year from date of patent	49	10 0	490 0 0
Notices of opposition	8	0 10	4 0 0
Hearing objections	7	2 0	14 0 0
Applications for enlargement of time for deposit of complete specifications	26	0 10	13 0 0
On grant of such enlargement	24	1 0	24 0 0
Applications for enlargement of time for payment of fees	26	0 10	13 0 0
On grant of such enlargement	25	1 0	25 0 0
Notices of appeal to Supreme Court against decisions of Registrar	4	1 0	4 0 0
Searches	501	0 1*	25 1 0
Registration of assignments and licenses	114	0 10	57 0 0
Certificates of such registration	86	0 10	43 0 0
Copies of specifications and drawings	..	†	47 2 0
Certifying copies	..	..	0 14 0
Correction of clerical errors in specifications, &c.	7	0 5	1 15 0
Registration of Patent Agent	7	1 1	7 7 0
			£3,751 19 0
DESIGNS.			
Applications for registration of designs	26	0 10	13 0 0
Search designs	1	0 5	0 5 0
			£13 5 0
TRADE-MARKS.			
Applications for registration of trade-marks	592	0 5	148 0 0
Registration of trade-marks	417	1 0	417 0 0
Registration of assignments	..	£1 & 2s.	40 16 0
Certificates of such assignments	87	0 5	21 12 0
Notices of opposition	17	1 0	17 0 0
Notices of appeal to Supreme Court	3	1 0	3 0 0
Cancellation of trade-marks	2	0 5	0 10 0
Renewal of registration	148	1 0	148 0 0
Additional fees where renewal fee is paid within three months after expiration of fourteen years	..	..	6 10 0
Restoration of trade-mark to register	..	..	3 0 0
Altering address on register	19	0 5	4 15 0
Requests to correct clerical errors	3	0 5	0 15 0
Copies of duplicate certificates	..	0 1	1 7 6
Searches	..	0 1‡	11 17 0
Advertisements: Cost of extra space in <i>Gazette</i>	..	..	12 11 6
Certifying copies	2	0 1	0 2 0
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E.—TOTAL NUMBER of APPLICATIONS for PATENTS, and REGISTRATION of DESIGNS and TRADE MARKS, recorded for the Years 1890 to 1904 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
1904	1,483	24	592	2,099

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	690	86	240	415	1,431
1903	205	368	859	172	238	54	*	*	*	*	1,604
1904	200	321	754	208	*	*	*	*	*	*	1,483

* 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	49
1898	1,021	504	138	...
1899	992	501	199	...
1900	1,009	498	172	...

H.—NUMBER of APPLICATIONS for PATENTS from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1902, 1903, and 1904.

—	1902.	1903.	1904.	—	1902.	1903.	1904.
New Zealand	930	1,064	954	New South Wales	69	65	65
Argentine Republic	1	..	1	Norway	3	..	1
Austria	3	..	..	Queensland	5	11	21
Canada	11	8	8	Rhodesia	1	..	..
Cape Colony	2	1	2	South Africa	1	..	1
Ceylon	1	..	..	South Australia	13	14	8
Denmark	2	3	1	Sweden	1	13	6
Finland	1	..	..	Switzerland	2	..	3
France	8	3	5	Tasmania	5	2	6
Germany	8	15	10	Transvaal	1	5	3
Hungary	..	..	2	United Kingdom	117	129	110
India	..	1	..	United States	129	112	100
Italy	1	..	2	Victoria	118	150	160
Natal	..	..	1	Western Australia	5	10	14

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 1902, 1903, and 1904.

Class.	1902.	1903.	1904.	Class.	1902.	1903.	1904.
Advertising	10	7	7	Illuminating	36	39	36
Amusements	45	33	41	Indicating, calculating, and measur- ing	28	34	28
Attaching and securing	37	18	14	Kauri-gum	..	..	2
Boilers	25	13	15	Kitchen utensils and cooking ap- pliances	46	37	39
Boilers (spark-arresters and smoke- consumers)	18	9	(¹)	Lifting, hauling, and loading	17	32	27
Boots and shoes	39	38	54	Locks, latches, and hinges	18	35	17
Bottles	33	28	15	Marine and submarine	25	31	25
Boxes, cans, and casks	31	19	52	Marking	10	19	14
Brewing, distilling, &c.	1	4	6	Medicines and surgical appliances	18	20	23
Brooms and brushes	4	9	7	Metal-working	..	..	4
Building	43	80	49	Milking(⁶)	..	..	..
" (bricks and cement)	..	..	10	Minerals	73	61	47
" (windows and doors)	..	..	19	" (magnetic separators)	..	..	3
Cement	1	2	(²)	" (stampers and pulverisers)	..	..	2
Chemicals	2	10	3	Offal-treating	..	3	(⁷)
Cleaning, polishing, &c.	8	16	17	Oils and lubricators	5	7	5
Closets and urinals	18	10	12	Paints and painting	3	2	7
Coin-feed mechanism	..	..	4	Pipes, tubes, and hose	5	21	11
Cooking appliances(⁸)	..	..	..	Poultry-raising and incubators	2	4	(⁸)
Cooling and freezing	5	6	1	Preserving	10	15	7
Cultivating and tilling	50	48	21	Presses	3	7	8
Cutting, sawing, and tools	23	24	37	Printing and photography	13	14	10
Cycles(⁴)	..	..	..	Pumps and sprayers	7	6	16
Dairying	32	53	53	Racecourse accessories	5	3	5
Drains and sewers	10	10	3	Railways and tramways	28	52	30
Dredging and excavating	40	34	26	Roads and ways	10	14	5
Drying	1	10	11	Seed-dressing, chaff-cutting, and threshing	3	7	12
Electricity and magnetism	12	10	15	Seed-sowers	..	..	13
Engines (steam)	16	17	16	Sewing and knitting	3	4	8
" (air, gas, and oil)	19	11	11	Sheep and cattle	4	22	22
" (electric)	14	12	(⁵)	Sheep shearing and clipping	16	9	2
" (miscellaneous and engine- accessories)	11	17	26	Shop and hotel fittings	4	8	12
Explosives, firearms, and targets	16	18	18	Stationery and paper	14	23	47
Exterminating	25	28	22	Telephony and telegraphy	12	5	8
Fencing	30	44	19	Tobacco	15	8	9
" (strainers)	..	..	8	Tools	21	26	(⁹)
Fibre-dressing	8	19	28	Valves and cocks	13	18	12
Filters	4	7	6	Vehicles	36	44	38
Fire alarms, escapes, and extin- guishers	23	7	12	" (velocipedes)	33	38	39
Food	13	7	3	Ventilating	9	10	3
Furnaces and kilns	..	10	17	Washing and cleansing	20	13	22
Furniture and upholstery	51	38	36	Water-supplying	8	6	7
Gas-manufacture	14	11	17	Wearing-apparel	54	61	51
Harness (including horse, &c., covers)	24	44	37	Wools and hides	1	8	7
Harvesting	6	8	14	Miscellaneous	23	15	7
Heating	15	23	27				

(1) Heading done away with; spark-arresters under Engines (steam), smoke-consumers under Furnaces.

(2) Heading done away with; now under Building (bricks and cement).

(3) See Kitchen utensils.

(4) See Vehicles (velocipedes).

(5) Heading done away with; engines (electric) under Electricity and magnetism.

(6) See Dairying.

(7) Heading done away with; now under Cultivating, Furnaces, &c.

(8) Heading done away with; now under Sheep and cattle.

(9) Heading done away with; now under Cutting and sawing.

NOTE.—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 1902, 1903, and 1904.

	1902.	1903.	1904.		1902.	1903.	1904.
New Zealand	198	219	334	India	1	..	1
Asia Minor	..	1	..	New South Wales	30	22	43
Belgium	1	1	1	Philippine Islands	1	..	2
Canada	1	..	15	Queensland	2	..	1
Cape Colony	..	..	3	South Africa	..	1	..
Ceylon	..	..	1	South Australia	5	1	..
Cuba	..	1	5	Sweden	..	..	2
Denmark	1	..	..	Switzerland	..	1	..
Egypt	..	1	..	Transvaal	..	..	1
France	1	9	10	United Kingdom	124	128	106
Germany	2	7	15	United States	51	40	48
Holland	2	1	1	Victoria	23	28	23
Hungary	..	..	1				

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 1902, 1903, and 1904.

Classes.	Classification of Goods.	1902	1903.	1904.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	12	10	9
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	11	16	22
3	Chemical substances prepared for use in medicine and pharmacy	46	49	63
4	Raw or partly-prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	1	2	7
5	Unwrought and partly-wrought metals used in manufacture	8	4	5
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	4	14	15
7	Agricultural and horticultural machinery, and parts of such machinery	3	1	13
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	4	4	3
9	Musical instruments	1	4	4
10	Horological instruments	..	2	1
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	..	1	2
12	Cutlery and edge-tools	..	1	9
13	Metal goods not included in other classes	8	6	14
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	..	1	2
15	Glass	1	..	1
16	Porcelain and earthenware	..	1	1
17	Manufactures from mineral and other substances for building or decoration	3	5	2
18	Engineering, architectural, and building contrivances	4	7	2
19	Arms, ammunition, and stores not included in Class 20	1	3	2
20	Explosive substances	4	4	1
21	Naval architectural contrivances and naval equipments	..	..	..
22	Carriages	5	13	20
23	Cotton yarn and thread	6	3	1
24	Cotton piece-goods of all kinds	3	4	5
25	Cotton goods not included in Classes 23, 24, and 38	1	2	3
26	Linen and hemp yarn and thread	..	1	..
27	Linen and hemp piece-goods	..	3	1
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	..	1	2
31	Silk piece-goods	..	..	1
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	1	8	..
35	Woollen and worsted and hair goods not included in Classes 33 and 34	..	..	2
36	Carpets, floorcloth, and oilcloth	..	..	..
37	Leather, skins, unwrought and wrought, and articles made of leather not included in other classes	8	1	1
38	Articles of clothing	31	28	30
39	Paper (except paperhangings), stationery, and bookbinding	14	8	10
40	Goods manufactured from indiarubber and guttapercha not included in other classes	9	6	8
41	Furniture and upholstery	..	2	1
42	Substances used as food or ingredients in food	97	86	164
43	Fermented liquors and spirits	28	27	23
44	Mineral and aerated waters, natural and artificial, including ginger-beer	5	4	4
45	Tobacco, whether manufactured or unmanufactured	24	37	28
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	25	31	43
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	10	17	22
49	Games of all kinds, and sporting articles not included in other classes	7	4	1
50	Miscellaneous	27	23	43

**J.—ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING
31st MARCH, 1904.**

* Denotes a provisional specification.
Trade Marks Act, 1889."

† Denotes a prior date under section 106 of "The Patents, Designs, and

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Adam, G. T., Prebbleton, N.Z. Securing breeching-strap to vehicle	17707	28 Mar. ..	31	14 April.*
Adiassewich, A., London, Eng. Treating shale-oil	17695	22 Mar. ..	..	..
Albrecht, F., Melbourne, Vic. Pipe-coupling	17594	27 Feb. ..	28	31 Mar.
Allan, A. T. W., Thames, N.Z. Gold-saving apparatus ..	17632	8 Mar. ..	25	18 Mar.*
Allan, E. A., Dunedin, N.Z. Cake-tin and steamer	17732	31 Mar. ..	31	14 April.*
Alexander, L. W., New Plymouth, N.Z. Golf-club	17736	28 Mar. ..	..	..
Anderson, J., Christchurch, N.Z. Truing up rollers of flax-stripper	17565	24 Feb. ..	25	18 Mar.
Andersson, C. O. E., Wellington, N.Z. Cutting rail-grooves in rail- way-sleepers	17481	20 Jan. ..	10	4 Feb.*
Andrew, J. W., Otahuhu, N.Z. Sprayer	17705	25 Mar. ..	31	14 April.*
Andrew, R., Melbourne, Vic. Bucket-dredge attachment ..	17612	3 Mar. ..	..	..
Anthony, J., and another, Wellington, N.Z. Plate for oysters ..	17503	30 Jan. ..	15	18 Feb.*
Archer, G., and another, Benalla, Vic. Adding-machine ..	17641	10 Mar. ..	28	31 Mar.*
Armstrong, G., Dunedin, N.Z. Tailings-elevator	17608	27 Feb. ..	25	18 Mar.*
Ashcroft, A., Auckland, N.Z. Combustible dip composition ..	17550	16 Feb. ..	25	18 Mar.
Ashcroft, A., Auckland, N.Z. Fire-lighter	17551	16 Feb. ..	25	18 Mar.
Atkin, A. C., Auckland, N.Z. Gig-seat	16051	2 Mar., 1903..	6	21 Jan.
August, C. L., Invercargill, N.Z. Pin	17492	20 Jan. ..	20	3 Mar.*
Austin, S., Brisbane, Q. Starting-gate	17615	4 Mar. ..	..	..
Babcock and Wilcox, Limited, and another, London, Eng. Chain grate-stoker	16538	24 June, 1903..	2	7 Jan.
Baggesen, F. C., Melbourne, Vic. Butter-box	17726	29 Mar. ..	31	14 April.*
Baggstrom, E. L., Auckland, N.Z. Stair-rod	17692	22 Mar. ..	28	31 Mar.*
Baker, A. G., Dunedin, N.Z. Cutting material into strips ..	17618	2 Mar. ..	..	..
Barber, T. W., London, Eng. Speed gear	17449	8 Jan. ..	10	4 Feb.
Barlow, J. L., and another, Wellington, N.Z. Die for cake-tin ..	17595	1 Mar. ..	25	18 Mar.*
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., 1903 ..	6	21 Jan.
Barraclough, J., and others, Owharoa, N.Z. Door-holder ..	17562	24 Feb. ..	25	18 Mar.
Barton, B. C., Birmingham, Eng. Metallic bedstead	17465	13 Jan. ..	10	4 Feb.*
Barton, F. W., and another, Dunedin, N.Z. Umbrella-joint ..	17474	12 Jan. ..	..	..
Bates, A., Leicester, Eng. (See United Shoe Machinery Company, No. 17660.)				
Baugh. (See under De Baugh.)				
Bawden, J. M., and another, Buln Buln, Vic. Coupling-pin for road- vehicle	17490	20 Jan. ..	15	18 Feb.
Bedgood Bros., Ohaeawai, N.Z. Head block and reach	17506	1 Feb. ..	..	..
Beissel, W., and another, Invercargill, N.Z. Dressing flax ..	17479	14 Jan. ..	10	4 Feb.*
Berry, T. C., Ohingaiti, N.Z. Wire-strainer	16896	1 Sept., 1903	25	18 Mar.
Betts, T., and another, Henderson, N.Z. Preventing horse from bolting	15947	4 Feb., 1903..	15	18 Feb.
Bickerton, A. W., Christchurch, N.Z. Health-shelter	17522	5 Feb., ..	15	18 Feb.*
Biel, W., Itzehoe, Germany. (See A. Peppler, No. 16447.)				
Bird, W. H., Wanganui, N.Z. Artificial foot	17456	12 Jan. ..	10	4 Feb.
Blackett, J. T., Guisborough, Eng. Coal-boring machine ..	17497	23 Jan. ..	15	18 Feb.
Blair, A., and another, Greenstone, N.Z. Spring rings for packing piston-rods	17677	18 Mar. ..	28	31 Mar.*
Boon, A. W., Brixton, Eng. Cycle driving and gearing mechanism	17423	27 Jan., 1903†	10	4 Feb.
Booth, G. T., and another, Christchurch, N.Z. Wheel-lift for plough	17664	15 Mar. ..	28	31 Mar.*
Booth, G. T., and another, Christchurch, N.Z. Skeith-buckle ..	17665	15 Mar. ..	28	31 Mar.*
Booth, G. T., and another, Christchurch, N.Z. Lubricator for plough-skeiths	16445	5 June, 1903..	20	3 Mar.
Booth, J., and another, Wellington, N.Z. Machinery belting ..	17523	8 Feb. ..	20	3 Mar.
Börs, O., Coala, N.S.W. Sheep-shears	17644	10 Mar. ..	28	31 Mar.*
Bowick, W. H., Hunterville, N.Z. Stove-polish	17630	21 Mar. ..	28	31 Mar.*
Boynton, F. W., Auckland, N.Z. Cardboard box	17569	25 Feb. ..	25	18 Mar.
Boynton, F. W., Auckland, N.Z. Cardboard box	17586	29 Feb. ..	28	31 Mar.
Boynton, F. W., Auckland, N.Z. Cardboard box	17590	29 Feb. ..	28	31 Mar.
Bradbury, R. A., Christchurch, N.Z. Manufacture of oil-clothing..	17452	11 Jan. ..	10	4 Feb.*
Bradshaw, C., Christchurch, N.Z. Motor-driven vehicle	17597	29 Feb. ..	25	18 Mar.*
Brake, J., Christchurch, N.Z. Attaching breeching-strap to vehicle	17629	7 Mar. ..	25	18 Mar.*
Brett, A. G., and another, Hawera, N.Z. Moustache-guard for spoon	17559	23 Feb. ..	20	3 Mar.*
Brew, W., and another, Christchurch, N.Z. Lubricator for plough- skeiths	16445	5 June, 1903 ..	20	3 Mar.
Brew, W., and another, Christchurch, N.Z. Wheel-lift for plough	17664	15 Mar. ..	28	31 Mar.*
Brew, W., and another, Christchurch, N.Z. Skeith-buckle ..	17665	15 Mar. ..	28	31 Mar.*
Brice, H., Kapuni, N.Z. Table-cricket	17460	13 Jan. ..	10	4 Feb.*
Brierly, W., and another, Auckland, N.Z. Road-sweeper	17520	5 Feb. ..	15	18 Feb.*
Briggs, H., Hasbrouck Heights, U.S.A. Heel-nailing machine ..	17689	23 Mar. ..	31	14 April.
British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. (See W. E. Hughes, Nos. 17041, 17424, 17590, 17619.)				

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Brooks, W. H., Adelaide, S.A. Gas-generator	17102	15 Oct., 1903 ..	28	31 Mar.
Brown, R., and another, Greenstone, N.Z. Spring rings for packing piston-rods ..	17677	18 Mar. ..	28	31 Mar.*
Browne, M., Gisborne, N.Z. Handle and stand for clothes-iron ..	17693	21 Mar. ..	28	31 Mar.*
Brownley, A. H., and another, Onehunga, N.Z. Serviette-holder ..	17457	12 Jan. ..	20	3 Mar.
Budd, A. E., and another, Wellington, N.Z. Machinery belting ..	17523	8 Feb. ..	20	3 Mar.
Bûllet, E., and others, Owaharoa, N.Z. Door-holder ..	17562	24 Feb. ..	25	18 Mar.
Bursill, F. W., Awatere, N.Z. Fencing-standard ..	16464	10 June, 1903 ..	15	18 Feb.
Burt, A. J. H., Hornby, N.Z. Treating sheepskins ..	17657	15 Mar. ..	28	31 Mar.*
Burton. (See Sanford-Burton.)				
Bussey, T. H., and another, Charters Towers, Q. Egg-beater, &c. ..	17720	31 Mar. ..	..	..
Butcher, W., and another, Rotorua, N.Z. Necktie-retainer ..	17530	10 Feb. ..	20	3 Mar.
Butterick, F., Ashburton, N.Z. Cutter of reaping-machine ..	16431	2 June, 1903 ..	25	18 Mar.
Cameron, E. A., and another, Invercargill, N.Z. Travelling-race for sheep ..	17731	30 Mar. ..	..	..
Campbell, J. P., Wellington, N.Z. Turbine. (G. Westinghouse) ..	17626	7 Mar. ..	31	14 April.
Campbell, J. P., Wellington, N.Z. Turbine. (G. Westinghouse) ..	17627	7 Mar. ..	31	14 April.
Campbell, J. P., Wellington, N.Z. Turbine. (G. Westinghouse) ..	17628	7 Mar. ..	31	14 April.
Carmont, W. E., Kingston-on-Thames, Eng. Motor vehicle ..	17598	2 Mar. ..	28	31 Mar.
Cartwright, G. J., Brisbane, Q. Burglar-alarm ..	17610	3 Mar. ..	..	..
Carver, N. P., Sydney, N.S.W. Mercury-feeder for battery ..	17613	3 Mar. ..	28	31 Mar.
Cassel, H. R., London, Eng. Filtering slimes ..	17600	2 Mar. ..	25	18 Mar.*
Catterall, E. H., and another, Buln Buln, Victoria. Coupling-pin for road-vehicle ..	17490	20 Jan. ..	15	18 Feb.
Cavenaugh, R. W., New York, U.S.A. (See W. E. Hughes, No. 17528.)				
Chapman, F. J., Timaru, N.Z. Lifting invalid out of bath ..	17580	25 Feb. ..	25	18 Mar.
Chatterton, A. E., Toronto, Canada. (See T. de Schryver, No. 17538.)				
Chewings, G., Mossburn, N.Z. Fencing-staple ..	17501	29 Jan. ..	15	18 Feb.*
Chisholm, A. M., Spring Hills, N.Z. Securing ends of machinery belting ..	17722	31 Mar. ..	31	14 April.*
Christie, R. L., Gore, N.Z. Gold-saving apparatus ..	17443	4 Jan. ..	6	21 Jan.*
Churchill-Otton, S., Melbourne, Vic. Rotating diaphragm for telephone ..	17723	31 Mar. ..	..	..
Clapham, G. H., and another, Wellington, N.Z. Die for cake-tin ..	17595	1 Mar. ..	25	18 Mar.*
Clare, S. F., Campbelltown, N.Z. Fitting handle to axe-head ..	17461	9 Jan. ..	10	4 Feb.*
Clark, D., Bairnsdale, Vic. Separating minerals from ores ..	17547	17 Feb. ..	20	3 Mar.*
Clarke, G. C., Hastings, N.Z. Twisting and straining wires ..	16410	29 May, 1903 ..	20	3 Mar.
Claydon, G., Christchurch, N.Z. Building-construction ..	17458	11 Jan. ..	10	4 Feb.*
Coakley, J. J., and another, Geraldton, W.A. Road-wheel ..	17603	2 Mar. ..	..	..
Cobham, W. S., Wellington, N.Z. Wheel and axle of railway-vehicle ..	17631	8 Mar. ..	25	18 Mar.*
Coe, H., Greymouth, N.Z. Nail-holder ..	16434	4 June, 1903 ..	25	18 Mar.
Coles, C., Melbourne, Vic. Noiseless socket for leg of chair ..	17566	25 Feb. ..	20	3 Mar.*
Congreve, R., Christchurch, N.Z. Cycle-lock ..	16377	19 May, 1903 ..	25	18 Mar.
Congreve, R., Christchurch, N.Z. Bicycle-lock ..	16186	4 April, 1903 ..	6	21 Jan.
Conrad, F., Pennsylvania, U.S.A. (See W. E. Hughes, No. 17041.)				
Conroy, A. M., Hawera, N.Z. Theatre-chair ..	17546	17 Feb. ..	20	3 Mar.*
Cooney, M., Gebbie's Valley, N.Z. Reaping-finger ..	17533	9 Feb. ..	15	18 Feb.*
Cooper, T. M., Dunedin, N.Z. Vehicle brake ..	17448	7 Jan. ..	10	4 Feb.*
Cooper, F., Christchurch, N.Z. Steerage gear for sheep-feeding rack ..	16470	9 June, 1903 ..	20	3 Mar.
Copeland-Chaterson Company, Limited, Toronto, Canada. (See T. de Schryver, No. 17538.)				
Copeland, R. J., and another, Toronto, Canada. (See T. de Schryver, No. 17538)				
Corrington, M., New York, U.S.A. Fluid-pressure brake ..	17279	19 Nov., 1903 ..	..	31 Mar.
Cossar, T., Lanark, Scotland. Printing-machine ..	15575	30 Oct., 1902 ..	6	21 Jan.
Coull, F., Christchurch, N.Z. Fire-igniter ..	17463	12 Jan. ..	10	4 Feb.*
Coulson, M., and another, Auckland, N.Z. Applying tar to wood blocks ..	15988	11 Feb., 1903 ..	15	18 Feb.
Courtney, F. J., Wellington, N.Z. Wheel for elevating ores. (H. T. Durant and F. C. Roberts)	17487	21 Jan. ..	..	..
Cowan, M., Colac, N.Z. Hook and eye ..	17549	16 Feb. ..	20	3 Mar.*
Craw, G., Palmerston North, N.Z. Flax stripper and washer ..	17525	8 Feb. ..	15	18 Feb.*
Crawford, B., Auckland, N.Z. Engine-silencer ..	17527	13 Feb., 1903† ..	25	18 Mar.
Crump, W. C., Sydney, N.S.W. Medical belt ..	16476	11 June, 1903 ..	2	7 Jan.
Cummock, J., jun., and another, Glasgow, Scotland. Manufacturing aerated liquids ..	17477	15 Jan. ..	10	4 Feb.*
Danks, T., Christchurch, N.Z. Sinking well ..	17435	5 Jan. ..	6	21 Jan.*
Davidson, G., Hokitika, N.Z. Pitch-chain and sprocket ..	16568	29 June, 1903 ..	20	3 Mar.
Davies, T., East Eyreton, N.Z. Reaping-machine ..	17459	11 Jan. ..	10	4 Feb.*
Davis, W. H., Boulder, U.S.A. Treating cyanide solutions ..	17645	10 Mar. ..	28	31 Mar.
Davy, K., Wanganui, N.Z. Mechanical toy ..	17650	12 Mar. ..	28	31 Mar.
Davy, K., Wanganui, N.Z. Umbrella-handle ..	17462	9 Jan. ..	..	..
Day, S. H., Waverly, Southland, N.Z. Label ..	17653	14 Mar. ..	..	..
Day, S. H., Waverly, Southland, N.Z. Spring handle for bucket ..	17652	14 Mar. ..	..	..
Day, S., Christchurch, N.Z. Securing broom-handle ..	17675	18 Mar. ..	31	14 April.
De Baugh, H. W., and another, Auckland, N.Z. Liner for washing-copper ..	17557	19 Feb. ..	20	3 Mar.*
De Lisle, de B., and another, Poverty Bay, N.Z. Branding-composition ..	17464	18 Jan. ..	15	18 Feb.*
Dennis, G., jun., Waikaia, Otago, N.Z. Raking material from sluice-boxes ..	17519	6 Feb. ..	15	18 Feb.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
De Schryver, T., Wellington, N.Z. Loose-leaf account-book. (Copeland-Chatterson Company, Limited—R. J. Copeland and A. E. Chatterson)	17538	11 Feb. ..	20	3 Mar.*
Dickson, S. G., Melbourne, Vic. Horse-shoe manufacturing machine	16029	27 Feb., 1903..	6	21 Jan.
Dixon, E. V., Opotiki, N.Z. Screw propeller ..	16278	28 April, 1903..	15	18 Feb.
Dobbie, A. H., and others, Adelaide, S.A. Bird-scarer. (J. Dunstone)	17439	7 Jan. ..	6	21 Jan.*
Dobbie, A. W., and others, Adelaide, S.A. Bird-scarer. (J. Dunstone)				
Dobbie, H. J., and others, Adelaide, S.A. Bird-scarer. (J. Dunstone)				
Douglas, R. R., Dunedin, N.Z. Dredge-tumbler ..	17596	1 Mar. ..	28	31 Mar.
Douglas, R. R., Dunedin, N.Z. Roller-protector for dredge-ladder..	17729	30 Mar. ..	31	14 April.*
Drewet, O. H., Pukekohe, N.Z. Hat-pin ..	17542	10 Feb. ..	20	3 Mar.
Du Feu, J. N., Christchurch, N.Z. Cushion heel for boots, &c. ..	16390	26 May, 1903 ..	20	3 Mar.
Duncan, G. S., Melbourne, Vic. Slime-filtering apparatus ..	17158	29 Oct., 1903 ..	15	18 Feb.
Duncan, J., Whangamomona, Taranaki, N.Z. Leggings ..	16499	16 June, 1903..	20	3 Mar.
Dunlop, G. H., Melbourne, Vic. Excavating machinery ..	17601	2 Mar. ..	28	31 Mar.
Dunn, D., Oamaru, N.Z. Wheel-jack ..	17058	2 Oct., 1903 ..	20	3 Mar.
Dunn, J., Launceston, Tas. Drawing off beer ..	17654	11 Mar. ..	..	..
Dunstone, J., Peterhead, S.A. (See A. H., A. W., and H. J. Dobbie, and J. E. M. Morley, No. 17439.)				
Durant, H. T., and another, Bulawayo, South Africa. (See F. J. Courtney, No. 17487.)				
Duryea, O. C., and another, Los Angeles, U.S.A. (See E. Phillips, No. 17573.)				
Dutch, W. A. J., and another, Wellington, N.Z. Milk heater and pasteuriser	17515	4 Feb. ..	15	18 Feb.*
Eaton, E., London, Eng. Manufacturing bricks ..	16074	11 Mar., 1903..	15	18 Feb.
Eaton, E., London, Eng. Manufacturing bricks ..	16075	11 Mar., 1903..	15	18 Feb.
Eaton, E., London, Eng. Manufacturing bricks ..	17483	20 Jan. ..	15	18 Feb.
Eckersley, A. J. L., Melbourne, Vic. Controlling contents of high-pressure reservoir	17721	31 Mar. ..	..	..
Edwards, W., and others, Owharoa, N.Z. Door-holder..	17562	24 Feb. ..	25	18 Mar.
Elieson, C. P., Paris, France. Electric accumulator plate ..	17584	23 Feb. ..	25	18 Mar.
Ellis, P., and another, Kilbirnie, N.Z. Tap for beer ..	16037	2 Mar., 1903..	6	21 Jan.
Elvines, F., and another, Wellington, N.Z. Tank-filter ..	17495	25 Jan. ..	..	..
Farrell, F. J., Auckland, N.Z. Fire and burglar alarm..	17669	14 Mar. ..	28	31 Mar.*
Faulkner, J. W., Dunedin, N.Z. Gate or window-guard ..	17427	24 Dec., 1903..	28	31 Mar.
Feu. (See under Du Feu.)				
Firth, T., Wellington, N.Z. Vehicle-wheel and horse-stopper ..	17446	9 Jan. ..	6	21 Jan.*
Fletcher, I. S., and another, Onehunga, N.Z. Serviette-holder ..	17457	12 Jan. ..	20	3 Mar.
Fletcher, J., Wyndham, N.Z. Fire-alarm ..	17505	28 Jan. ..	15	18 Feb.*
Forsyth, J., and another, Wellington, N.Z. Milk heater and pasteuriser	17515	4 Feb. ..	15	18 Feb.*
Fraser, G., and another, Auckland, N.Z. Road-sweeper ..	17520	Feb. ..	15	18 Feb.*
Gale, W. L., Louisville, U.S.A. Smoke-conveyer ..	17455	12 Jan. ..	10	4 Feb.
Gane, F. J., and another, Auckland, N.Z. Protector for sole of boot	17433	6 Jan. ..	10	4 Feb.*
Garland, C. L., Sydney, N.S.W. Trommel ..	17568	25 Feb. ..	..	..
Gattsche, J. H., Palmerston North, N.Z. Boiler for breweries, &c.	16126	25 Mar., 1903..	6	21 Jan.
Gee, W. C., Christchurch, N.Z. Planing venetian-blind lath ..	17686	22 Mar. ..	28	31 Mar.*
Gemmel, J., Maheno, N.Z. Stacking hay, &c. ..	17607	27 Feb. ..	25	18 Mar.*
George, G., and another, Auckland, N.Z. Nightsoil-receptacle ..	17524	8 Feb. ..	15	18 Feb.*
George, T. M., Waipori, N.Z. Toasting-fork ..	17583	23 Feb. ..	31	14 April.*
Gibbons, R. P., Thames, N.Z. Galvanic plate for boot ..	17552	17 Feb. ..	20	3 Mar.
Gillies, A., Terang, Vic. Pneumatic teat-cup ..	17639	9 Mar. ..	28	31 Mar.
Gillies, J. J., Bunnythorpe, N.Z. Milk-weighing machine ..	17614	3 Mar. ..	25	18 Mar.*
Godward, E. R., Invercargill, N.Z. Tank-filter ..	17588	29 Feb. ..	28	31 Mar.
Goodisson, R. S., and another, Auckland, N.Z. Shower-bath ..	17593	29 Feb. ..	25	18 Mar.*
Goodisson, R. S., and another, Auckland, N.Z. Spear pump ..	17575	26 Feb. ..	20	3 Mar.*
Gordon, W., Boston, U.S.A. (See United Shoe Machinery Company, No. 17453.)				
Grant, F. W., and another, Sydney, N.S.W. Water-lift ..	16990	17 Sept., 1903	25	18 Mar.
Grasset, R. J. W., South Yarrà, Vic. Marine governor..	17625	7 Mar. ..	25	18 Mar.*
Gray, J., Dunedin, N.Z. Seed-sower ..	17630	8 Mar. ..	31	14 April.
Griffiths, F. C., New Plymouth, N.Z. Skylight ..	16383	23 May, 1903 ..	31	14 April.
Hale, W., Melbourne, Vic. Single go-cart ..	17719	31 Mar. ..	..	..
Hall, T., and another, Wellington, N.Z. Water-tank filter ..	17495	25 Jan. ..	..	..
Hall, W. L. R., Peak Hill, W.A. Grip driving-appliance for ore-feeder	17623	4 Mar. ..	31	14 April.
Hamlin, E. A. G., Dannevirke, N.Z. Dust, &c., excluder for door..	17576	26 Feb. ..	20	3 Mar.*
Harding, J. M., Auckland, N.Z. Water-tube furnace for steam-boiler	17700	23 Mar. ..	..	..
Harding, T., and others, Wivelscombe, Eng. Sealing boxes, &c. ..	17438	7 Jan. ..	10	4 Feb.
Hardy, A. R., Dunedin, N.Z. Staple ..	17730	30 Mar. ..	31	14 April.*
Hardy, P. B., East Melbourne, Vic. Applying heat to the skin ..	17484	21 Jan. ..	10	4 Feb.*
Harris, J., Newcastle, N.S.W. Window-sash fastener ..	17476	18 Jan. ..	10	4 Feb.*
Harvey, R. W., Invercargill, N.Z. Preserving timber ..	17678	18 Mar. ..	..	..
Harvey, W., Devonport, N.Z. Bucket-handle projection support ..	17517	2 Feb. ..	15	18 Feb.*
Hawkeswood, C. S., Auckland, N.Z. Roofing-tile and ridging ..	17541	11 Feb. ..	20	3 Mar.*
Hayes, E., Rough Ridge, Otago, N.Z. Standard jack ..	17671	18 Mar. ..	28	31 Mar.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Henderson, G., jun., Purau, N.Z. Solution for killing noxious weeds ..	17668	16 Mar. ..	31	14 April.*
Hercus, J., and another, Dunedin, N.Z. Umbrella-joint ..	17474	12 Jan. ..	..	..
Heskett, T. J., and another, Brunswick, Vic. Treatment of ore ..	16963	9 Sept., 1903 ..	10	4 Feb.
Hesse, A., and another, Invercargill, N.Z. Dressing flax ..	17479	14 Jan. ..	10	4 Feb.*
Hicks, W., and others, Auckland, N.Z. Extractor and clarifier ..	16848	25 Aug., 1903..	6	21 Jan.
Hiendlmayr, K., Auckland, N.Z. Wave-motor ..	17670	14 Mar. ..	28	31 Mar.*
Hill, W., Auckland, N.Z. Wire-mattress holder ..	17635	6 Mar. ..	..	..
Hitchcock, F., Auckland, N.Z. Ventilator ..	17682	19 Mar. ..	28	31 Mar.*
Hodges, C. T., Dunedin, N.Z. Gutter ..	17504	28 Jan. ..	15	18 Feb.*
Hooke, C., Wellington, N.Z. Candle-extinguisher ..	17587	29 Feb. ..	..	..
Hope, J., and another, Rotorua, N.Z. Necktie-retainer ..	17530	10 Feb. ..	20	3 Mar.
Howard, F. H., Hawera, N.Z. Outrigger for vehicle ..	17518	6 Feb. ..	20	3 Mar.
Hoyland, W., Wellington, N.Z. Couch ..	17512	4 Feb. ..	15	18 Feb.*
Hucks, W., jun., and another, London, Eng. Aerating liquids ..	17437	7 Jan. ..	10	4 Feb.
Hughes, W. E., Wellington, N.Z. Alternating-current watt-meter. (British Westinghouse Electric and Manufacturing Company, Limited—F. Conrad)	17041	30 Sept., 1903..	2	7 Jan.
Hughes, W. E., Wellington, N.Z. Fluid-pressure turbine. (The British Westinghouse Electric Manufacturing Company, Limited—C. Regenbogen)	17424	30 Dec., 1903 ..	31	14 April.
Hughes, W. E., Wellington, N.Z. Air-brake. (G. Westinghouse)	17560	24 Feb. ..	25	18 Mar.
Hughes, W. E., Wellington, N.Z. Moulding soap. (The Hygienic Soap Granulator Company, Limited—R. W. Cavenaugh)	17528	9 Feb. ..	..	..
Hughes, W. E., Wellington, N.Z. Electrical distribution. (British Westinghouse Electric and Manufacturing Company, Limited)	17599	2 Mar. ..	..	..
Hughes, W. E., Wellington, N.Z. Electrical distribution. (British Westinghouse Electric and Manufacturing Company, Limited)	17619	5 Mar. ..	..	..
Hunter, I., Dunedin, N.Z. Cuff ..	16191	4 April, 1903..	20	3 Mar.
Hutchinson, A. J., Wellington, N.Z. Cylinder for gramophone ..	17674	19 Mar. ..	31	14 April.*
Hygienic Soap Granulator Company, Limited, New York, U.S.A. (See W. E. Hughes, No. 17528.)				
Irvin, J., Tuamarina, N.Z. Chart ..	17536	9 Feb. ..	20	3 Mar.
Irvine, J., Napier, N.Z. Fastening of packing-case ..	17684	22 Mar. ..	31	14 April.
Jagger, J. A., Parua Bay, N.Z. Exit-door for theatre ..	17672	18 Mar. ..	28	31 Mar.*
Jagger, J. A., Parua Bay, N.Z. Exit-door for theatre ..	17637	9 Mar. ..	28	31 Mar.*
Jardine, W., Edinburgh, Scotland. (See T. C. Jenkins and W. T. Mack, No. 17673.)				
Jenkins, C. V., Lower Hutt, N.Z. Blindfolding horses..	17655	15 Mar. ..	28	31 Mar.*
Jenkins, T. C., and another, Wellington, N.Z. Milking-appliance. (W. Jardine)	17673	18 Mar. ..	28	31 Mar.*
Jenner, J., Christchurch, N.Z. Cushion heel for boot ..	17564	24 Feb. ..	25	18 Mar.
Johnson, F. D., Westminster, Eng. Pneumatic percussive tool ..	17567	25 Feb. ..	28	31 Mar.
Johnson, J., Dunedin, N.Z. Chest-expanding brace ..	17554	19 Feb. ..	20	3 Mar.*
Johnston, C. J., Bluff, N.Z. Suspending clothes-line ..	17570	25 Feb. ..	20	3 Mar.*
Johnston, J., Dunedin, N.Z. Setting off distance along plank ..	17491	20 Jan. ..	15	18 Feb.*
Jones, G. D., Christchurch, N.Z. Cycling-trousers ..	17585	26 Feb. ..	25	18 Mar.*
Jones, L. M., and others, Toronto, Canada. (See A. S. Patterson, No. 17611.)				
Key, J., Hampton Park, Vic. Water-heater..	17471	12 Jan. ..	10	4 Feb.*
Key, J., Hampton Park, Vic. Water-heater..	17472	12 Jan. ..	10	4 Feb.*
Kingsbeer, A. J., Palmerston North, N.Z. Brick ..	16228	15 April, 1903..	10	4 Feb.
Kirkbride, J. L., Auckland, N.Z. Street-sweeper ..	17556	23 Feb. ..	20	3 Mar.*
Lacene Manufacturing Company, Manchester, U.S.A. Evening and grading leather. (E. P. Nichols)	17609	27 Feb. ..	28	31 Mar.*
Lajoie, J. P., Paris, France. Motor ..	17516	2 Feb. ..	..	..
Lauermann, A., Germany. (See C. F. A., E. G., and P. P. Schaefer, No. 17633.)				
Lawrenz, and another. (See E. Waters, jun., No. 17574.)				
Lee, W., and another, Kaitangata, N.Z. Steam-trap and water-interceptor	17659	12 Mar. ..	28	31 Mar.*
Leighton, H. E., Wellington, N.Z. Boiler-furnace. (H. Sanders)..	16116	21 Mar., 1903..	15	18 Feb.
Leighton, H. E., Wellington, N.Z. Smoke-consumer. (H. Sanders)	16117	21 Mar., 1903..	15	18 Feb.
Lightband, H., Christchurch, N.Z. Tire-cover for motor car ..	17548	17 Feb. ..	20	3 Mar.*
Linke, J. F., and another, Tellarjip, Vic. Disc plough ..	17717	31 Mar. ..	..	..
Lisle. (See under De Lisle.)				
Livingstone, F., London, Eng. Preparing cattle-food ..	17602	2 Mar. ..	28	31 Mar.
Ljungström, F., Stockholm, Sweden. Cow-milker ..	17489	20 Jan. ..	..	..
Lloyd, E. W., Bobinawarrah, Vic. Measuring and weighing milk ..	17725	29 Mar. ..	31	14 April.*
Lockerbie, R. L., Invercargill, N.Z. Hanging sash, door, &c. ..	15922	27 Jan., 1903 ..	6	21 Jan.
Lodge, J. G., Darlinghurst, N.S.W. Window-sash support. (G. Barnes)	16868	27 Aug., 1903..	25	18 Mar.
Lord, W., Croydon, Surrey, Eng. Gas-generator ..	17537	11 Feb. ..	15	18 Feb.*
Lowe, C. H., Auckland, N.Z. Horse-shoeing lever ..	16799	10 Aug., 1903..	20	3 Mar.
Lowe, W., Invercargill, N.Z. Seed-sower ..	16297	1 May, 1903 ..	15	18 Feb.
Lubbers, J. H., Allegheny, U.S.A. (See W. H. Waters, No. 17526.)				
Luck, J., Cromwell, N.Z. Hat-pin ..	17558	20 Feb. ..	20	3 Mar.*
Lungley, C. F., Melbourne, Vic. Treating ironsand ..	17688	23 Mar. ..	28	31 Mar.*
Luttrell, E. V., and another, Gisborne, N.Z. Branding-composition	17464	18 Jan. ..	15	18 Feb.*
Lyons, T. P., Wellington, N.Z. Vehicle-wheel tire ..	17579	26 Feb. ..	20	3 Mar.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
MacCann, J. W., and another, Christchurch, N.Z. Fly-catcher ..	17397	19 Dec., 1903 ..	25	18 Mar.
Mack, W. T., and another, Wellington, N.Z. Milking-appliance. (W. Jardine)	17673	18 Mar. ..	28	31 Mar.*
Mackay, A. G., Nelson, N.Z. Chamber utensil ..	16420	27 May., 1903..	25	18 Mar.
Macky, J. J., Auckland, N.Z. Nut-lock ..	17642	5 Mar. ..	28	31 Mar.*
Macvean, A., Tipapa, N.Z. Fencing-dropper ..	17553	20 Feb. ..	20	3 Mar.*
Maine, J. T., Christchurch, N.Z. Legging fastening ..	17624	5 Mar. ..	31	14 April.
Manning, H. D., Paeroa, N.Z. Securing cover of nightsoil-pan ..	17651	12 Mar. ..	28	31 Mar.*
Marks, H. J., Toowoomba, Q. Window-holder ..	17485	21 Jan. ..	10	4 Feb.*
Marshall, H., and another, Edinburgh, Scotland. Lamp ..	17511	4 Feb. ..	20	3 Mar.
Masding, W. H. J., Bridgewater, Eng. (See P. R. Sargood, No. 17177.)				
Maton, J., and another, Edinburgh, Scotland. Lamp ..	17511	4 Feb. ..	20	3 Mar.
McCallum, A. C., and another, Perth, W.A. Road-wheel ..	17603	2 Mar. ..	..	..
McCorkindale, W., Gore, N.Z. Sluice-box clay-cutter ..	17540	9 Feb. ..	15	18 Feb.*
McCulloch, A. H., Sydney, N.S.W. Preventing escape of carbon in coal	17390	18 Dec., 1903 ..	20	3 Mar.
McCutcheon, C. O., and another, Christchurch, N.Z. Sinking well	17467	13 Jan. ..	10	4 Feb.*
McDougall, H. H., Wellington, N.Z. Hair-pin ..	17698	25 Mar. ..	..	..
McKenzie, D., Auckland, N.Z. Wire coiler and spindle ..	16595	2 July, 1903..	28	31 Mar.
McKnight, R., Philadelphia, U.S.A. Electro-magnetic separator ..	16106	19 Mar., 1903..	6	21 Jan.
McLaren, R. A., and others, Renfrew, Scotland. Chain grate-stoker	16538	24 June, 1903..	2	7 Jan.
McLean, J., and another, Wellington, N.Z. Tap for beer ..	16037	2 Mar., 1903..	6	21 Jan.
McLeod, A., Auckland, N.Z. Burner and heater ..	16925	3 Sept., 1903	10	4 Feb.
McLeod, A., Auckland, N.Z. Brand ..	16548	22 June, 1903..	25	18 Mar.
McMurray, S., and another, Christchurch, N.Z. Suspending pic- tures	17480	20 Jan. ..	10	4 Feb.*
McNeil, H., and another, Sydney, N.S.W. Water-lift ..	16990	17 Sept., 1903..	25	18 Mar.
McPharlin, A. J., Auckland, N.Z. Cutting incisions in gum-trees..	16928	8 Sept., 1903..	28	31 Mar.
McPharlin, A. J., and another, Auckland, N.Z. Spear pump ..	17575	26 Feb. ..	20	3 Mar.*
McPharlin, A. J., Whangapoua, N.Z. Chipping kauri-gum ..	17577	26 Feb. ..	28	31 Mar.
McPharlin, A. J., Auckland, N.Z. Receptacle for collecting kauri- gum	17563	24 Feb. ..	25	18 Mar.
McPharlin, A. J., Auckland, N.Z. Receptacle for collecting kauri- gum	17591	29 Feb. ..	25	18 Mar.*
McPharlin, A. J., Auckland, N.Z. Receptacle for collecting kauri- gum	17592	29 Feb. ..	25	18 Mar.*
McPharlin, A. J., and another, Auckland, N.Z. Shower-bath ..	17593	29 Feb. ..	25	18 Mar.*
Mergenthaler, O., and another. (See E. Waters, jun., No. 17574.)				
Merrett, J. A., Wellington, N.Z. Cylinder drying-machine ..	17638	9 Mar. ..	..	..
Mitchell, J., and another, Auckland, N.Z. Protector for sole of boot	17433	6 Jan. ..	10	4 Feb.*
Mitchell, J., and another, Auckland, N.Z. Nightsoil-receptacle ..	17524	8 Feb. ..	15	18 Feb.*
Mizon, W., South Melbourne, Vic. Propelling vessel ..	17636	9 Mar. ..	25	18 Mar.*
Mole, A., Fordsburg, Transvaal. Hanging window-sash ..	17715	31 Mar. ..	..	..
Monro, A. V. H., and another, Dunedin, N.Z. Safety-grip block ..	16413	27 May, 1903 ..	25	18 Mar.
Moore, M., and another, Melbourne, Vic. Treatment of ore ..	16963	9 Sept., 1903..	10	4 Feb.
Moore, R. J., Ruahine, Rangitikei, N.Z. Milk-aerator ..	17514	4 Feb. ..	15	18 Feb.*
Morgan, J. C., Mangamahua, N.Z. Animal-cover fastening ..	16422	1 June, 1903..	25	18 Mar.
Morgan Crucible Company, Limited, The, London, Eng. Crucible furnace. (C. W. Speirs)	17486	21 Jan. ..	15	18 Feb.
Morison, G. S., Bendigo, Vic. Steam-engine ..	16232	16 April, 1903..	20	3 Mar.
Morley, J. E. M., and others, Adelaide, S.A. Bird-scarer. (J. Dunstone)	17439	7 Jan. ..	6	21 Jan.*
Morony, J. B., Mudgee, N.S.W. Preventing horse from bolting ..	16135	25 Mar., 1903..	20	3 Mar.
Moss, E., Christchurch, N.Z. Stamping-machine ..	17727	30 Mar. ..	31	14 April.*
Moyle, G. F., Dunedin, N.Z. Turning leaves of music ..	17444	5 Jan. ..	6	21 Jan.*
Mulhare, J. W., Invercargill, N.Z. Water-purifier ..	16471	4 June, 1903..	31	14 April.
Murdock, J. W., Dunedin, N.Z. Tram-line scraper ..	17724	29 Mar. ..	31	14 April.*
Murgatroyd, J., Christchurch, N.Z. Defrosting frozen meat ..	17532	27 Feb. ..	25	18 Mar.*
Murphy, A. R., Invercargill, N.Z. Bicycle-support ..	17498	25 Jan. ..	..	..
Mutch, A., and another, Carterton, N.Z. Copper-boiler frame ..	17634	8 Mar. ..	25	18 Mar.*
Nash, F. J., Somerville, U.S.A. (See United Shoe Machinery Company, No. 17661.)				
National Typographic Company, Charlestown, U.S.A. (See E. Waters, jun., No. 17574.)				
Naumann, F. W., Wellington, N.Z. Cleaning lamp-glass, &c. ..	17571	25 Feb. ..	20	3 Mar.*
Naunton, W. E., and another, North Fitzroy, Vic. Printing music and waste	17718	31 Mar. ..	31	14 April.*
Nelson, H., Wellington, N.Z. (See A. J. Park, No. 16261.)				
Newman, W. F., Sydney, N.S.W. Turbine ..	17716	31 Mar. ..	31	14 April.*
Newson, C. M., and another, Auckland, N.Z. Applying tar to wood blocks	15983	11 Feb., 1903..	15	18 Feb.
Nichols, E. P., Manchester, U.S.A. (See Lacene Manufacturing Company, No. 17609.)				
Nissen, C., Milton, N.Z. Separating dust from air ..	17543	15 Feb. ..	20	3 Mar.
Noack, M. S., and another, Hopevale, Vic. Disc plough ..	17717	31 Mar. ..	..	..
North, B., Bradford, Eng. Electricity-meter ..	16987	17 Sep., 1903 ..	2	7 Jan.
Noy, H. G. W. L., and another, Dunedin, N.Z. Safety-grip block	16413	27 May, 1903 ..	25	18 Mar.
Nuttall, W. T., Wellington, N.Z. Trousers-suspender ..	17513	4 Feb. ..	15	18 Feb.*
Ogle, P. J., and others, London, Eng. Extraction of metal from ore	17561	24 Feb. ..	20	3 Mar.*
O'Neil, J., Christchurch, N.Z. Windmill-lubricator ..	16290	29 April, 1903	15	18 Feb.
Otton. (See under Churchill-Otton.)				

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Page, F. T., Dannevirke, N.Z. Fishing-rod attachment ..	17430	5 Jan. ..	6	21 Jan.*
Page, F. T., Dannevirke, N.Z. Dust, &c., excluder for door ..	17532	10 Feb. ..	25	18 Mar.*
Paley, W. V., and another, Charters Towers, Q. Egg-beater, &c. ..	17720	31 Mar. ..	..	..
Palmer, T. C., and another, North Fitzroy, Vic. Printing music and stave ..	17718	31 Mar. ..	..	..
Park, A. J., Dunedin, N.Z. Increasing saleability of goods. (H. Nelson)	16261	17 April, 1903	25	18 Mar.
Park, A. J., Auckland, N.Z. Suspending and operating window-sash ..	17447	9 Jan. ..	6	21 Jan.*
Parker, A., Dannevirke, N.Z. Window-lock and draught-excluder ..	17531	10 Feb. ..	15	18 Feb.*
Parker, A., Dannevirke, N.Z. Actuating dust-excluder for door ..	17507	2 Feb. ..	20	3 Mar.
Parker, F. S., Spreydon, N.Z. Hot-water shower ..	17434	5 Jan. ..	6	21 Jan.*
Parry, A. G., Christchurch, N.Z. Sifting cinders, &c. ..	17441	7 Jan. ..	6	21 Jan.*
Parsons, Hon. C. A., Newcastle-on-Tyne, Eng. Turbine ..	17687	23 Mar. ..	31	14 April.
Patten, A. J., and others, Toronto, Canada. (See A. S. Patterson, No. 17611.)				
Patterson, A. S., Melbourne, Vic. Cultivator and seeder. (L. M. Jones, R. H. Verity, and A. J. Patten)	17611	3 Mar. ..	31	14 April
Pease, C., Salem, U.S.A. (See United-Xpedite Finishing Company, No. 16509.)				
Peppler, A., Christchurch, N.Z. Window. (W. Biel) ..	16447	8 June, 1903	20	3 Mar.
Phillips, E., Melbourne, Vic. Gold-saving apparatus. (L. Sachse)	17470	12 Jan. ..	10	4 Feb.
Phillips, E., Melbourne, Vic. Gas-engine. (O. C. Duryea and M. C. White)	17573	25 Feb. ..	28	31 Mar.
Pierce, W. J., Gisborne, N.Z. Fire-escape ..	17704	28 Mar. ..	..	..
Pike, E. S., Wellington, N.Z. Cover for cooking-range ..	17544	16 Feb. ..	20	3 Mar.*
Pirrit, G., and another, Henderson, N.Z. Preventing horse from bolting ..	15947	4 Feb., 1903..	15	18 Feb.
Pomeroy, J., Invercargill, N.Z. Axe head and handle ..	17691	15 Mar. ..	28	31 Mar.*
Pomeroy, J., Invercargill, N.Z. Milking-machine ..	17711	26 Mar. ..	31	14 April.*
Pomeroy, J. H., Invercargill, N.Z. Hat-fastener ..	16236	16 April, 1903	15	18 Feb.
Porter, B., Waikanae, N.Z. Bust-support ..	17617	4 Mar. ..	25	18 Mar.*
Potter, C. V., St. Kilda, Vic. Solution for mixing paints ..	16397	28 May, 1903..	6	21 Jan.
Powell, W., Liverpool, Eng. Preserving timber ..	17510	4 Feb. ..	20	3 Mar.
Prince, J. T., Papaitoi, N.Z. Whiffletree ..	17646	10 Mar. ..	31	14 April.
Ramage, J., Balclutha, N.Z. Acetylene-generator ..	17676	18 Mar. ..	28	31 Mar.*
Ramsay, J., Invercargill, N.Z. Hair-pin ..	17450	11 Jan. ..	6	21 Jan.*
Ramsay, W. E. S., and another, St. Albans, N.Z. Suspending pictures ..	17480	20 Jan. ..	10	4 Feb.*
Rapid Cyanide Treatment, Limited, and another, London, Eng. Extraction of metal from ore ..	17561	24 Feb. ..	20	3 Mar.*
Rask, C., and another, Invercargill, N.Z. Travelling-race for sheep ..	17731	30 Mar. ..	..	..
Reeves, W., Masterton, N.Z. Tobacco-cutter ..	17429	4 Jan. ..	6	21 Jan.*
Regenbogen, C., Manchester, Eng. (See W. E. Hughes, No. 17424.)				
Remnant, G. W., Manutahi, near Patea, N.Z. Potato-plough ..	16436	4 June, 1903..	25	18 Mar.
Restorck, E. J., Melbourne, Vic. Mattress ..	16714	30 July, 1903..	6	21 Jan.
Richmond, A. P., Sydney, N.S.W. Therapeutic apparatus ..	17640	9 Mar. ..	28	31 Mar.*
Rickard, F. G., Ashburton, N.Z. Bicycle-pump ..	17432	6 Jan. ..	6	21 Jan.*
Roberts, F. C., and another, Bulawayo, South Africa. (See F. J. Courtney, No. 17487.)				
Robertson, C., Dunedin, N.Z. Laundry apparatus ..	17440	7 Jan. ..	6	21 Jan.*
Robertson, W., Maori Hill, N.Z. Flue-damper ..	16560	24 June, 1903..	31	14 April.
Roseman, S. G., Auckland, N.Z. Broom or brush ..	17681	21 Mar. ..	28	31 Mar.*
Rowe, D., Wanganui, N.Z. Bicycle-pump ..	17701	26 Mar. ..	31	14 April.*
Sachse, L., Oroville, U.S.A. (See E. Phillips, No. 17470.)				
Sanders, H., Nottingham, Eng. (See H. E. Leighton, Nos. 16116 and 16117.)				
Sanford-Burton, H., Oxford, Eng. Copying writing, &c. ..	17605	2 Mar. ..	..	..
Sargood, P. R., Wellington, N.Z. Collar. (W. H. J. Masding) ..	17177	3 Nov., 1903..	20	3 Mar.*
Saxton, E., Nelson, N.Z. Cycling-gauntlet ..	15028	28 Mar., 1903..	6	21 Jan.
Schaefer, C. F. A., and others, Wellington, N.Z. Composition for making stucco ornaments. (A. Lauermann)	17633	18 Mar. ..	31	14 April.
Schaefer, E. G., and others, Wellington, N.Z. Composition for making stucco ornaments. (A. Lauermann)				
Schaefer, P. P., and others, Wellington, N.Z. Composition for making stucco ornaments. (A. Lauermann)				
Schmitt, E. D., Baltimore, U.S.A. (See L. B. Schram, No. 17706.)				
Scholer, O. M., Sydney, N.S.W. Displaying signs ..	17658	11 Mar. ..	31	14 April.
Schram, L. B., New York, U.S.A. Bottle-sealing device. (E. D. Schmitt)	17706	29 Mar. ..	..	..
Schryver. (See under De Schryver.)				
Scorror, J., Wellington, N.Z. Actuating wool-press ..	17708	30 Mar. ..	31	14 April.*
Scorror, J., Wellington, N.Z. Lifting lever ..	17709	30 Mar. ..	31	14 April.*
Scott, C. E. S., New Plymouth, N.Z. Geographical game ..	17466	14 Jan. ..	15	18 Feb.
Scott, G. M., Dunedin, N.Z. Sash-hanger and lock ..	16582	29 June, 1903..	10	4 Feb.
Scully, J. W., and another, Wellington, N.Z. Plate for oysters, &c. ..	17503	30 Jan. ..	15	18 Feb.*
Scurr, C. N., Dunedin, N.Z. Arm adjustment for mitre-frame. (R. Wales)	16306	2 May, 1903..	6	21 Jan.
Sears, F. W., Wellington, N.Z. Imprinting matter on photographic negative ..	17656	15 Mar. ..	28	31 Mar.*
Sears, F. W., Wellington, N.Z. Making half-tone plates ..	17685	22 Mar. ..	28	31 Mar.*
Selby, S., London, Eng. Drying bricks, &c. ..	17482	20 Jan. ..	15	18 Feb.
Selwood, H., Kingston, N.Z. Belt-fastener ..	17622	4 Mar. ..	25	18 Mar.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Sim, W., Invercargill, N.Z. Milking-machine ..	16157	28 Mar., 1903..	20	3 Mar.
Simmonds, W. P., Nelson, N.Z. Sight and sound of music ..	17509	3 Feb. ..	..	..
Simmons, C., Paignton, Eng. Lifting and turning drill ..	17521	3 Feb. ..	..	..
Single, F. J., Gisborne, N.Z. Horse-shoe ..	17694	23 Mar. ..	..	..
Smethurst, E., Christchurch, N.Z. Controlling speed of ship ..	17606	1 Mar. ..	25	18 Mar.*
Smethurst, E., Christchurch, N.Z. Retarding speed of ship ..	17468	13 Jan. ..	10	4 Feb.*
Smith, A. O., Bunnythorpe, N.Z. Acetylene-gas generator ..	17616	4 Mar. ..	25	18 Mar.*
Smith, F. W., Rangiwahia, N.Z. Drawing off liquid from vessel ..	17578	26 Feb. ..	20	3 Mar.*
Smith, I. M., Christchurch, N.Z. Culinary utensil ..	17529	10 Feb. ..	20	3 Mar.
Smith, R. F., Dunedin, N.Z. Skylight ..	17679	18 Mar. ..	31	14 April.
Snowden, J., Maropiu, Auckland, N.Z. Bullock-bow key ..	17534	8 Feb. ..	15	18 Feb.*
Soda Stream, Limited, and another, London, Eng. Aerating liquids ..	17437	7 Jan. ..	10	4 Feb.
Soulas, C., Wanganui, N.Z. Swing bed for ships ..	17451	11 Jan. ..	10	4 Feb.
Soulas, C., Wanganui, N.Z. Telescope ..	17496	25 Jan. ..	10	4 Feb.*
Soulas, C., Okato, Taranaki, N.Z. Projectile ..	17535	11 Feb. ..	15	18 Feb.*
Speirs, C. W., London, Eng. (See The Morgan Crucible Company, Limited, No. 17486.)				
Stenhouse, J., Dunedin, N.Z. Spark-arrester ..	17666	16 Mar. ..	..	..
Stevens, T. G., Greenhithe, Eng. Cycle-saddle ..	17604	2 Mar. ..	..	..
Stevenson, G., Riversdale, N.Z. Candle-extinguisher ..	16198	6 April, 1903..	10	4 Feb.
Stevenson, G., Riversdale, N.Z. Earth-auger ..	16188	4 April, 1903..	15	18 Feb.
Stokes, C. L., Wellington, N.Z. Balancing window-sash ..	16237	16 April, 1903..	10	4 Feb.
Stubbs, F., Auckland, N.Z. Lighting fires ..	17493	19 Jan. ..	28	31 Mar.*
Sutherland, D. G., Christchurch, N.Z. Tobacco-pipe ..	17500	29 Jan. ..	15	18 Feb.*
Sutherland, G. G., and another, Hawera, N.Z. Moustache-guard for spoon ..	17559	23 Feb. ..	20	3 Mar.*
Suttie, R. L., Onehunga, N.Z. Oiling axles ..	17589	29 Feb. ..	31	14 April.
Swanell, C. T., and another, Kaitangata, N.Z. Steam-trap and water-interceptor ..	17659	12 Mar. ..	..	31 Mar.*
Sweetser, G., Norwood, Eng. Incandescent electric lamp ..	17662	16 Mar. ..	..	..
Tait, A. L. J., Richmond, Vic. Washing and dressing flax ..	17683	22 Mar. ..	..	..
Tattam, C. J., and another, Benalla, Vic. Adding-machine ..	17641	10 Mar. ..	28	31 Mar.*
Taylor, J. E., and another, Christchurch, N.Z. Fly-catcher ..	17397	19 Dec., 1903..	25	18 Mar.
Thackeray, S. W., Greenwich, Eng. Musical keyboard ..	17643	10 Mar. ..	31.	14 April.
Thomas, J., Middlesex, Eng. Coupling and buffer ..	16869	27 Aug., 1903..	2	7 Jan.
Thomas, J. W., and another, Christchurch, N.Z. Sinking well ..	17467	13 Jan. ..	10	4 Feb.*
Thompson, W. T., Mahoe, N.Z. Preventing milch-cows sucking themselves ..	17697	24 Mar. ..	31	14 April.
Thomson, D., Edinburgh, Scotland. Dividing-machine ..	16442	4 June, 1903..	6	21 Jan.
Thomson, J., Winton, N.Z. Thinning turnips ..	17475	16 Jan. ..	10	4 Feb.
Thomson, J. R., Sydney, N.S.W. Heat-circulator for steam-boiler ..	17508	3 Feb. ..	20	3 Mar.
Thomson, R. W., Lynn, U.S.A. (See United-Xpedite Finishing Company, No. 16510.)				
Toohy, J. T., and another, Sydney, N.S.W. Knife-cleaner ..	17690	23 Mar. ..	..	..
Topffer, A. W., Reefton, N.Z. ..	17648	11 Mar. ..	31	14 April.
Trembath, W., Gore, N.Z. Hose-cover ..	17667	16 Mar. ..	31	14 April.*
Trewhella, B., and another, Trentham, Vic. Operating pawl of lever jack ..				
Trewhella, W., and another, Trentham, Vic. Operating pawl of lever jack ..	16524	19 June, 1903..	25	18 Mar.
Turchi, C., Ferrara, Italy. Telephonic and telegraphic apparatus ..	17499	29 Jan. ..	15	18 Feb.
Twomey, J. M., Temuka, N.Z. Newspaper-folder ..	17431	5 Jan. ..	6	21 Jan.*
United Shoe Machinery Company, Paterson, U.S.A. Buffing-rolls. (W. Gordon)	17453	12 Jan. ..	10	4 Feb.*
United Shoe Machinery Company, Paterson, U.S.A. Heel-attaching machine. (A. Bates)	17660	16 Mar. ..	28	31 Mar.*
United Shoe Machinery Company, Paterson, U.S.A. Splitting leather. (F. J. Nash)	17661	16 Mar. ..	28	31 Mar.*
United Shoe Machinery Company, Paterson, U.S.A. Sole laying and pressing machine. (E. E. Winkley)	17662	16 Mar. ..	28	31 Mar.*
United-Xpedite Finishing Company, Berwick, U.S.A. Heel-finishing machine. (C. Pease)	16509	18 June, 1903..	25	18 Mar.
United-Xpedite Finishing Company, Berwick, U.S.A. Heel-finishing machine. (R. W. Thompson)	16510	18 June, 1903..	25	18 Mar.
Verity, R. H., and others, Toronto, Canada. (See A. S. Patterson, No. 17611.)				
Vickery, G., and others, Norton Fitzwarren, Eng. Sealing boxes, &c. Vickery, W., and others, Millerton, Eng. Sealing boxes, &c. ..	17438	7 Jan. ..	10	4 Feb.
Vivian, T., and another, Auckland, N.Z. Liner for washing-copper, &c. ..	17557	19 Feb. ..	20	3 Mar.*
Waddle, C. H., and another, Dunedin, N.Z. Table amusement ..	17478	15 Jan. ..	15	18 Feb.*
Wainwright, H. S., Ashford, Eng. Spark-arrester ..	17713	25 Sept., 1903+	..	..
Wainwright, H. S., Ashford, Eng. Spark-arrester ..	17714	15 Oct., 1903+	..	..
Wales, R., Dunedin, N.Z. (See C. N. Scurr, No. 16306.)				
Wales, R., Dunedin, N.Z. Stamping-machine ..	17620	4 Mar. ..	25	18 Mar.*
Wales, R., Dunedin, N.Z. Stamping-machine ..	17621	4 Mar. ..	25	18 Mar.*
Wall, W. C., and another, Sydney, N.S.W. Knife-cleaner ..	17690	23 Mar. ..	..	..
Walters, W. B., Dunedin, N.Z. Carburetter ..	16726	1 Aug., 1903..	31	14 April.
Warden, C. E., Christchurch, N.Z. Hoops and pegs for game ..	17710	30 Mar. ..	..	..

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Waters, E., jun., Melbourne, Vic. Typographic machine. (National Typographic Company—O. Mergenthaler—Lawrenz)	17574	25 Feb. ..	..	..
Waters, W. H., Melbourne, Vic. Drawing glass. (The Window-glass Machine Company—J. H. Lubbers.)	17526	5 Feb. ..	28	31 Mar.
Watkins, A. L., London, Eng. Grooving metal tubes ..	17454	12 Jan. ..	10	4 Feb.
Watson, H. G., and another, Coatbridge, Scotland. Manufacturing aerated liquids	17477	15 Jan. ..	10	4 Feb.*
Watts, A. M. S., Palmerston North, N.Z. Attaching draw-off tap to drum, &c.	16288	30 April, 1903	15	18 Feb.
Westinghouse, G., Pittsburg, U.S.A. (See W. E. Hughes, No. 17560.)				
Westinghouse, G., Pittsburg, U.S.A. (See J. P. Campbell, Nos. 17626, 17627, 17628.)				
White, M. C., and another, Los Angeles, U.S.A. (See E. Phillips, No. 17573.)				
White, S., and another, Dunedin, N.Z. Table amusement ..	17478	15 Jan. ..	15	18 Feb.*
White, W., Cromwell, N.Z. Fencing-standard ..	17502	29 Jan. ..	15	18 Feb.*
Whitehouse, F. A., and another, Birmingham, Eng. Valve of cock, &c.	17539	11 Feb. ..	20	3 Mar.
Whitehouse, I., and another, Birmingham, Eng. Valve of cock, &c.				
Whitelaw, H. J., Palmerston North, N.Z. Clothes-peg ..	17555	22 Feb. ..	20	3 Mar.*
Whitelaw, H. J., Palmerston North, N.Z. Clothes-peg ..	17581	27 Feb. ..	25	18 Mar.*
Whitelaw, H. J., Palmerston North, N.Z. Tire-protector ..	17712	31 Mar. ..	..	..
Whitney, A., Melbourne, Vic. Tap ..	17436	5 Jan. ..	6	21 Jan.*
Widdicombe, T. H. H., Hobart, Tas. Butter-cutter ..	17696	23 Mar. ..	..	..
Wiley, C., Sydney, N.S.W. Knife-cleaner ..	17572	25 Feb. ..	25	18 Mar.
Wilkinson, F., Petone, N.Z. Separating fibres of wool, flax, &c. ..	16257	22 April, 1903	15	18 Feb.
Wilkinson, W., Auckland, N.Z. Game ..	17473	11 Jan. ..	15	18 Feb.*
Williams, D. J., Waimangaroa Junction, N.Z. Conveying flax from strippers and cleaning same	17699	25 Mar. ..	31	14 April.*
Williams, F., and others, Auckland, N.Z. Extractor and clarifier ..	16848	25 Aug., 1903..	6	21 Jan.
Wilson, A., Timaru, N.Z. Mixture for cleaning clothes, &c. ..	17488	20 Jan. ..	10	4 Feb.*
Wilson, N., jun., and another, Warkworth, N.Z. Chair-seat ..	17647	10 Mar. ..	28	31 Mar.*
Wilson, W. D., Auckland, N.Z., Swingletree-iron ..	16146	25 Mar., 1903..	6	21 Jan.
Window-glass Machine Company, Pittsburg, U.S.A. (See W. H. Waters, No. 17526.)				
Winklemann, C. P., Auckland, N.Z. Fire-alarm ..	17545	17 Feb. ..	20	3 Mar.*
Winkley, E. E., Lynn, U.S.A. (See United Shoe Machinery Company, No. 17663.)				
Wolff, A. C., and another, Carterton, N.Z. Copper-boiler frame ..	17634	8 Mar. ..	25	18 Mar.*
Woolford, J., Kai Iwi, N.Z. Wire-strainer ..	17445	8 Jan. ..	..	..
Worland, D., Warrnambool, Vic. Union joint for tap ..	17494	22 Jan. ..	15	18 Feb.*
Worsley, M. I., and another, Auckland, N.Z. Chair-seat ..	17647	10 Mar. ..	28	31 Mar.*
Wyborn, J. V., Hawera, N.Z. Weather-apron of vehicle ..	17702	28 Mar. ..	31	14 April.*
Wyborn, J. V., Hawera, N.Z. Rainproof garment ..	17703	28 Mar. ..	31	14 April.*
Young, W. F., Springfield, U.S.A. Gas-light heater ..	17469	12 Jan. ..	10	4 Feb.

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 31st MARCH, 1904.

* 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. de Schryver ..	17538	11 Feb. ..	20	3 Mar.*
Accumulator-plate, Electric ..	C. P. Elieson ..	17584	23 Feb. ..	25	18 Mar.
Acetylene-generator ..	A. O. Smith ..	17616	4 Mar. ..	25	18 Mar.*
Acetylene-generator ..	J. Ramage ..	17676	18 Mar. ..	28	21 Mar.*
Adding-machine ..	C. J. Tattam and G. Archer ..	17641	10 Mar. ..	28	31 Mar.*
Advertisements, Displaying ..	O. M. Schoeler ..	17658	11 Mar. ..	..	..
Aerated liquids, Manufacture of ..	H. G. Watson and J. Cummock, jun.	17477	15 Jan. ..	10	4 Feb.*
Aerating apparatus, Liquid- ..	Soda Stream, Limited, and W. Hucks, jun.	17437	7 Jan. ..	10	4 Feb.
Aerator. (See Milk-aerator.)					
Air and dust separator ..	C. Nissen ..	17543	15 Feb. ..	20	3 Mar.
Air-brake ..	W. E. Hughes ..	17560	24 Feb. ..	25	18 Mar.
Air lamp, Carburetted- ..	H. Marshall ..	17511	4 Feb. ..	20	3 Mar.
Alarm. (See Burglar-alarm, Fire-alarm.)					
Alternating-current watt-meter ..	W. E. Hughes ..	17041	30 Sept., 1903	2	7 Jan.
Amusements. (See Games.)					
Animal-cover fastening ..	J. C. Morgan ..	16422	1 June, 1903	25	18 Mar.
Apron for vehicle ..	J. V. Wyborn ..	17702	28 Mar. ..	..	..
Artesian-well sinking ..	T. Danks ..	17435	5 Jan. ..	6	21 Jan.
Artificial foot ..	W. H. Bird ..	17456	12 Jan. ..	10	4 Feb.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Auger, Earth-	G. Stevenson	16188	4 April, 1903	15	18 Feb.
Axe head and handle	J. Pomeroy	17691	15 Mar. ..	20	31 Mar.*
Axe-head, Fitting handle to	S. F. Clare	17461	9 Jan. ..	10	4 Feb.*
Axle and wheel, Railway	W. S. Cobham	17631	8 Mar. ..	25	18 Mar.*
Axle, Oiling	R. L. Suttie	17589	29 Feb. ..	..	14 April.
Bath, Means of lifting invalid into	F. J. Chapman	17580	25 Feb. ..	25	18 Mar.
Battery, Mercury-feeder for	N. P. Carver	17613	3 Mar. ..	28	31 Mar.
Bed. (See Swing bed.)					
Bedstead	B. C. Barton	17465	13 Jan. ..	10	4 Feb.*
Bedstead-wire elevator, &c.	E. J. Restorck	16714	30 July ..	6	21 Jan.
Beer, Drawing off	J. Dunn	17654	11 Mar. ..	..	..
Beer-tap	J. McLean and P. Ellis	16037	2 Mar. ..	6	21 Jan.
Belt, Electro-medical	W. C. Crump	16476	11 June, 1903	2	7 Jan.
Belt-fastener	H. Selwood	17622	4 Mar. ..	25	18 Mar.*
Belting	J. Booth and A. E. Budd	17523	8 Feb. ..	20	3 Mar.
Belting, Securing ends of	A. M. Chisholm	17722	31 Mar. ..	31	14 April.*
Bicycle-lock	R. Congreve	16186	4 April, 1903	6	21 Jan.
Bicycle pump	F. G. Rickard	17432	6 Jan. ..	6	21 Jan.
Bicycle-pump	D. Rowe	17701	26 Mar. ..	31	14 April.*
Bicycle-support	A. R. Murphy	17498	25 Jan. ..	..	..
Bird-scarer	A. H., A. W., and H. J. Dobbie, and J. E. M. Morley	17439	7 Jan. ..	6	21 Jan.*
Blindfolding horse	C. V. Jenkins	17655	15 Mar. ..	28	31 Mar.*
Blind-lath-planing machine	W. C. Gee	17686	22 Mar. ..	28	31 Mar.*
Blocks. (See Building-block, Head-block, Paving-blocks, Safety-grip block.)					
Boiler and boiler-pan	J. H. Gattsche	16126	25 Mar., 1903	6	21 Jan.
Boiler-furnace	J. M. Harding	17700	23 Mar. ..	..	..
Boiler, Heat circulator for	J. R. Thomson	17508	3 Feb. ..	20	3 Mar.
Bolting, Apparatus for preventing	T. Betts and G. Perritt	15947	4 Feb. ..	15	18 Feb.
Bolting preventer, Horse-	J. B. Moroney	16135	25 Mar., 1903	20	3 Mar.
Boot-heel	J. N. Du Feu	16390	26 May ..	20	3 Mar.
Boot-heel	J. Jenner	17564	24 Feb. ..	25	18 Mar.
Boot sole and heel protector	F. J. Gane and J. Mitchell	17433	6 Jan. ..	10	4 Feb.*
Boring-machine	J. T. Blackett	17497	23 Jan. ..	15	18 Feb.
Bottle-cleaner	F. W. Naumann	17571	25 Feb. ..	20	3 Mar.
Bottle-sealing device	L. B. Schram	17706	29 Mar. ..	..	..
Box	F. W. Boynton	17569	25 Feb. ..	25	18 Mar.
Box	F. W. Boynton	17586	29 Feb. ..	28	31 Mar.
Box	F. W. Boynton	17590	29 Feb. ..	28	31 Mar.
Box. (See also Butter-box.)					
Box-fastening	W. and G. Vickery and T. Harding	17438	7 Jan. ..	10	4 Feb.
Brace, Chest-expanding	J. Johnson	17554	19 Feb. ..	20	3 Mar.*
Brake	T. U. Cooper	17448	7 Jan. ..	10	4 Feb.*
Brake, Air-	W. E. Hughes	17560	24 Feb. ..	25	18 Mar.
Brand	A. McLeod	16548	22 June, 1903	25	18 Mar.
Branding-composition	De B. de Lisle and E. V. Luttrell	17464	18 Jan. ..	15	18 Feb.*
Breeching-strap, Attaching, to vehicle	J. Brake	17629	7 Mar. ..	25	18 Mar.*
Breeching-strap, Securing, to vehicle	G. T. Adam	17707	28 Mar. ..	31	14 April.*
Brick	A. J. Kingsbeer	16228	15 April, 1903	10	4 Feb.
Brick	E. Eaton	16074	11 Mar., 1903	15	18 Feb.
Brick	E. Eaton	16075	11 Mar., 1903	15	18 Feb.
Brick-drying apparatus	S. Selby	17482	20 Jan. ..	15	18 Feb.
Brick-making apparatus	E. Eaton	17483	20 Jan. ..	15	18 Feb.
Broom	S. G. Roseman	17681	21 Mar. ..	28	31 Mar.*
Broom-handle, Securing, in socket	S. Day	17675	19 Mar. ..	31	14 April.*
Brush. (See Paint-brush.)					
Bucket dredge attachment	R. Andrew	17612	3 Mar. ..	..	..
Bucket-handle	S. H. Day	17652	14 Mar. ..	..	..
Bucket-handle projection support	W. Harvey	17517	2 Feb. ..	15	18 Feb.*
Buckle (See Skeith-buckle.)					
Buffer and coupling	J. Thomas	16869	27 Aug., 1903	2	7 Jan.
Buffing-roll	United Shoe Machinery Company	17453	12 Jan. ..	10	4 Feb.*
Building-construction	G. Claydon	17458	11 Jan. ..	10	4 Feb.*
Building stone or block	N. Neilsen	17649	11 Mar. ..	28	31 Mar.*
Bullock-bow key	J. Snowden	17534	8 Feb. ..	15	18 Feb.*
Burglar-alarm	G. J. Cartwright	17610	3 Mar. ..	..	..
Burglar-alarm	F. J. Farrell	17669	14 Mar. ..	28	31 Mar.
Burner and heater	A. McLeod	16925	3 Sept., 1903	10	4 Feb.
Bust-support	B. Porter	17617	4 Mar. ..	25	18 Mar.*
Butter-box	F. C. Baggesen	17726	29 Mar. ..	31	14 April.*
Butter-cutter	T. H. H. Widdicombe	17696	23 Mar. ..	..	..
Cake-tin and steamer	E. A. Allan	17732	31 Mar. ..	31	14 April.*
Cake-tin, Die for	G. H. Clapham and J. L. Barlow	17595	1 Mar. ..	25	18 Mar.*
Candle-extinguisher	G. Stevenson	16198	6 April, 1903	10	4 Feb.
Candle-extinguisher	C. Hooke	17587	29 Feb. ..	..	..
Carbonated-liquid manufacture	H. G. Watson and J. Cummock, jun.	17477	15 Jan. ..	10	4 Feb.
Carbonic-acid motor	J. P. Lajoie	17516	2 Feb. ..	..	..
Carbon, Preventing escape in coal	A. H. McCulloch	17390	18 Dec., 1903	20	3 Mar.
Carburetter	W. B. Walters	16726	1 Aug., 1903	31	14 April.
Carburetted-air lamp	H. Marshall	17511	4 Feb. ..	20	3 Mar.
Cardboard box	F. W. Boynton	17569	25 Feb. ..	25	18 Mar.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cardboard box	F. W. Boynton	17586	29 Feb. ..	28	31 Mar.
Cardboard box	F. W. Boynton	17590	29 Feb. ..	28	31 Mar.
Cart. (See Go-cart.)					
Cattle-food	F. Livingstone	17602	2 Mar. ..	28	31 Mar.
Chain-grate stoker	Babcock and Wilcox (Ltd.), and R. A. McLaren	16538	24 June, 1903	2	7 Jan.
Chair-leg socket	C. Coles	17566	25 Feb. ..	20	3 Mar.*
Chair-seat	N. Wilson, jun., and M. I. Worsley	17647	10 Mar. ..	28	31 Mar.*
Chair, Theatre-	A. M. Conroy	17546	17 Feb. ..	20	3 Mar.*
Chamber utensil	A. G. Mackay	16420	27 May, 1903	25	18 Mar.
Chart	J. Irvin	17536	9 Feb. ..	20	3 Mar.
Chest-expanding brace	J. Johnson	17554	19 Feb. ..	20	3 Mar.
Clarifier	W. Hicks, F. Williams, and W. Barnsdale	16848	25 Aug., 1903	6	21 Jan.
Cleaner. (See Bottle-cleaner, Knife-cleaner, Lamp-glass cleaner.)					
Clothes-cleaning mixture	A. Wilson	17488	20 Jan. ..	10	4 Feb.*
Clothes-iron handle and stand	M. Browne	17693	21 Mar. ..	28	31 Mar.
Clothes-line suspender	C. J. Johnston	17570	25 Feb. ..	20	3 Mar.*
Clothes-peg	H. J. Whitelaw	17555	22 Feb. ..	20	3 Mar.*
Clothes-peg	H. J. Whitelaw	17581	27 Feb. ..	25	18 Mar.*
Clothing. (See Oil-clothing.)					
Coal, Preventing escape of volatile from fixed carbon in	A. H. McCulloch	17390	18 Dec., 1903	20	3 Mar.
Cock	I. and F. A. Whitehouse	17539	11 Feb. ..	20	3 Mar.
Cock-coupling	F. Albrecht	17594	27 Feb. ..	28	31 Mar.
Coiler and spindle for wire-weaving	D. McKenzie	16595	2 July, 1903	28	31 Mar.
Collar	P. R. Sargood	17177	3 Nov., 1903	20	3 Mar.*
Combustible dip	A. Ashcroft	17550	16 Feb. ..	25	18 Mar.
Conveyer and excavator	G. H. Dunlop	17601	2 Mar. ..	28	31 Mar.
Cooking-range protector	E. S. Pike	17544	16 Feb. ..	20	3 Mar.*
Copper-boiler frame	A. C. Wolff and A. Mutch	17634	8 Mar. ..	25	18 Mar.*
Copper-liner	T. Vivian and H. W. de Baugh	17507	19 Feb. ..	20	3 Mar.*
Copying writing, Means of	H. Sanford-Burton	17605	2 Mar. ..	28	31 Mar.
Corset	B. Porter	17617	4 Mar. ..	25	18 Mar.*
Cotton-fibres, Apparatus for separating	F. Wilkinson	16257	22 April, 1903	15	18 Feb.
Couch	W. Hoyland	17512	4 Feb. ..	15	18 Feb.*
Coupling and buffer	J. Thomas	16869	27 Aug., 1903	2	7 Jan.
Coupling-pin	J. M. Bawden and E. H. Catterall	17490	20 Jan. ..	15	18 Feb.
Coupling pipes, &c.	F. Albrecht	17594	27 Feb. ..	28	31 Mar.
Cover. (See Animal-cover, Cooking-range cover.)					
Cow-sucking stopper	W. T. Thompson	17697	24 Mar. ..	31	14 April.
Cricket. (See Table-cricket.)					
Crucible-furnace	The Morgan Crucible Company, Limited	17486	21 Jan. ..	15	18 Feb.
Cuff	I. Hunter	16191	4 April, 1903	20	3 Mar.
Culinary utensil	I. M. Smith	17529	10 Feb. ..	20	3 Mar.
Cultivator and seeder	A. S. Patterson	17611	3 Mar. ..	31	14 April.
Cushion heel	J. N. Du Feu	16390	26 May, 1903	20	3 Mar.
Cutter. (See Butter-cutter, Cutter for reap- ing-machine, Sluice-box clay-cutter, To- bacco-cutter.)					
Cutter for kauri-trees	A. J. McPharlin	16928	8 Sept., 1903	28	31 Mar.
Cutting material into strips, &c.	A. G. Baker	17618	2 Mar. ..	..	..
Cutting-rail-groove	C. O. E. Andersson	17481	20 Jan. ..	10	4 Feb.*
Cyanide solutions, Heating	W. H. Davis	17645	10 Mar. ..	28	31 Mar.
Cycle driving and gearing mechanism	A. W. Boon	17423	27 Jan., 1903	10	4 Feb.†
Cycle-lock	R. Congreve	16377	19 May, 1903	25	18 Mar.
Cycle-saddle	T. G. Stevens	17604	2 Mar. ..	..	..
Cycling-gauntlet	E. Saxton	15028	28 Mar., 1903	6	21 Jan.
Cycling-trousers	G. D. Jones	17585	26 Feb. ..	25	18 Mar.
Cylinder for gramophone	A. J. Hutchinson	17674	19 Mar. ..	31	14 April.*
Damper, Flue-	W. Robertson	16560	24 June, 1903	31	14 April.
Defrosting frozen meat	J. Murgatroyd	17582	27 Feb. ..	25	18 Mar.*
Diaphragm for telephone	S. Churchill-Otton	17723	31 Mar. ..	..	..
Die for cake-tin, &c.	G. H. Clapham and J. L. Barlow	17595	1 Mar. ..	25	18 Mar.*
Dip, combustible	A. Ashcroft	17550	16 Feb. ..	25	18 Mar.
Disc plough	J. F. Linke and M. S. Noack	17717	31 Mar. ..	..	..
Displaying pictures, &c.	O. M. Scholer	17658	11 Mar. ..	31	14 April.
Dividing-machine	D. Thomson	16442	4 June, 1903	6	21 Jan.
Door, Dust, draught, &c., excluder for	A. Parker	17507	2 Feb. ..	20	3 Mar.
Door, Dust, draught, &c., excluder for	F. T. Page	17532	10 Feb. ..	25	18 Mar.*
Door, Exit-	J. A. Jagger	17637	9 Mar. ..	28	31 Mar.*
Door, Exit-	J. A. Jagger	17672	18 Mar. ..	28	31 Mar.*
Door-hanger	R. L. Lockerbie	15922	27 Jan., 1903	6	21 Jan.
Door-holder	E. Büllot, W. Edwards, and J. Barracrough	17562	24 Feb. ..	25	18 Mar.
Door, Rain, dust, &c., excluder for	E. A. G. Hamlin	17576	26 Feb. ..	20	3 Mar.*
Draught-excluder and lock for window	A. Parker	17531	10 Feb. ..	15	18 Feb.*
Draught-excluder for door	F. T. Page	17532	10 Feb. ..	25	18 Mar.
Draught-excluder for door	A. Parker	17507	2 Feb. ..	20	3 Mar.
Draught, rain, and dust excluder for doors	E. A. G. Hamlin	17576	26 Feb. ..	20	3 Mar.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Drawing glass	W. H. Waters	17526	5 Feb. ..	28	31 Mar.
Drawing off beer	J. Dunn	17654	11 Mar. ..	..	..
Drawing off liquid from vessel..	F. W. Smith	17578	26 Feb. ..	20	3 Mar.*
Dredge attachment	R. Andrews	17612	3 Mar. ..	..	..
Dredge-ladder-roller protector..	R. R. Douglas	17729	30 Mar. ..	31	14 April.*
Dredge tumbler	R. R. Douglas	17596	1 Mar. ..	28	31 Mar.
Drill, Lifting and turning	C. Simmons	17521	3 Feb. ..	..	..
Driving and gearing mechanism for cycle	A. W. Boon	17423	27 Jan., 1903	10	4 Feb.†
Driving-appliance. (See Grip driving-appliance.)					
Drying apparatus for bricks, &c. ..	S. Selby	17482	20 Jan. ..	15	18 Feb.
Drying-machine	J. A. Merrett	17638	9 Mar. ..	..	..
Duplicating writing, &c., Means of ..	H. Sanford-Burton ..	17605	2 Mar. ..	28	31 Mar.
Dust and air separator	C. Nissen	17543	15 Feb. ..	20	3 Mar.
Dust-collector	W. Brierly and G. Fraser	17520	3 Feb. ..	15	18 Feb.*
Dust, &c., excluder	A. Parker	17507	2 Feb. ..	20	3 Mar.
Dust, &c., excluder for door	F. T. Page	17532	10 Feb. ..	25	18 Mar.*
Dust, &c., excluder for door	E. A. G. Hamlin	17576	26 Feb. ..	20	3 Mar.*
Earth-auger	G. Stevenson	16188	4 April, 1903	15	18 Feb.
Egg-beater	W. V. Paley and T. H. Bussey	17720	31 Mar. ..	..	..
Electric accumulator-plate	C. P. Elieson	17584	23 Feb. ..	25	18 Mar.
Electrical distribution	W. E. Hughes	17599	2 Mar. ..	..	..
Electrical distribution	W. E. Hughes	17619	5 Mar. ..	..	..
Electricity-meter	B. North	16987	17 Sept., 1903	2	7 Jan.
Electric lamp	G. Sweetser	17662	16 Mar. ..	..	..
Electric starting-gate	S. Austen	17615	4 Mar. ..	..	..
Electro-magnetic separator	R. McKnight	16106	19 Mar., 1903	6	21 Jan.
Electro-medical belt	W. C. Crump	16476	11 June, 1903	2	7 Jan.
Elevator, Ore-	F. J. Courtney	17487	21 Jan. ..	..	..
Elevator, Tailings-	G. Armstrong	17608	27 Feb. ..	25	18 Mar.*
Engine. (See Gas-engine, Fluid-pressure engine, Steam-engine.)					
Engine-silencer	B. Crawford	17527	13 Feb., 1903	25	18 Mar.†
Evening and grading leather	Lacene Manufacturing Company	17609	27 Feb. ..	..	..
Excavator and conveyer	G. H. Dunlop	17601	2 Mar. ..	28	31 Mar.
Exit-door	J. A. Jagger	17637	9 Mar. ..	28	31 Mar.*
Exit-door	J. A. Jagger	17672	18 Mar. ..	28	31 Mar.*
Extinguisher. (See Candle-extinguisher.)					
Extraction of metal from ore	P. J. Ogle and The Rapid Cyanide Treatment, Limited	17561	24 Feb. ..	20	3 Mar.*
Extractor and clarifier	W. Hicks, F. Williams, and W. Barnsdale	16848	25 Aug., 1903	6	21 Jan.
Fastener. (See Belt-fastener, Hat-fastener, Necktie fastener and retainer, Sash-fastener, Window-sash fastener.)					
Fastening. (See Animal-cover fastening, Box-fastening, Legging-fastening, Packing-case fastening.)					
Feeder for material in measured quantities	N. P. Carver	17613	3 Mar. ..	28	31 Mar.
Fencing-dropper	A. Macvean	17553	20 Feb. ..	20	3 Mar.*
Fencing-standard	F. W. Bursill	16464	10 June, 1903	15	18 Feb.
Fencing-standard	W. White	17502	29 Jan. ..	15	18 Feb.*
Fencing-staple	G. Chewings	17501	29 Jan. ..	15	18 Feb.*
Fencing-strainer	J. Woolford	17445	8 Jan. ..	..	..
Fibre-separating apparatus	F. Wilkinson	16257	22 April, 1903	15	18 Feb.
Filter, Water-tank	F. Elvines and T. Hall	17495	25 Jan. ..	..	..
Filter, Water-tank	E. R. Godward	17588	29 Feb. ..	28	31 Mar.
Filtering apparatus, Slime-	H. R. Cassel	17600	2 Mar. ..	25	18 Mar.*
Filtering apparatus, Slime-	G. S. Duncan	17158	29 Oct., 1903	15	18 Feb.
Fire-alarm	J. Fletcher	17505	28 Jan. ..	15	18 Feb.*
Fire-alarm	C. P. Winkelmann	17545	17 Feb. ..	20	3 Mar.*
Fire-alarm telephone attachment ..	F. J. Farrell	17669	14 Mar. ..	28	31 Mar.*
Fire-escape	W. J. Price	17704	28 Mar. ..	..	..
Fire-igniter	P. Coull	17463	12 Jan. ..	10	4 Feb.*
Fire-lighter	A. Ashcroft	17551	16 Feb. ..	25	18 Mar.
Fire-lighter	F. Stubbs	17493	19 Jan. ..	28	31 Mar.*
Fishing-rod	F. T. Page	17430	5 Jan. ..	6	21 Jan.*
Flax, Apparatus for separating fibres of	F. Wilkinson	16257	22 April, 1903	15	18 Feb.
Flax conveyer and cleaner	D. J. Williams	17699	25 Mar. ..	31	14 April.*
Flax dressing and washing	A. Hesse and W. Beissel	17479	14 Jan. ..	10	4 Feb.*
Flax dressing and washing	A. L. J. Tait	17683	22 Mar. ..	..	..
Flax-stripper rollers, Truing up ..	J. Anderson	17565	24 Feb. ..	25	18 Mar.
Flax-stripping machine	G. Crow	17525	8 Feb. ..	15	18 Feb.*
Fluid-pressure brake	M. Connington	17279	19 Nov., 1903	28	31 Mar.
Fluid-pressure turbine	J. P. Campbell	17626/8	7 Mar. ..	13	14 April.
Fly-catcher	J. W. MacCann and J. E. Taylor	17397	19 Dec., 1903	25	18 Mar.
Food for cattle	F. Livingstone	17602	2 Mar. ..	28	31 Mar.
Foot, Artificial	W. H. Bird	17456	12 Jan. ..	10	4 Feb.
Fork. (See Toasting-fork.)					
Frame for copper-boiler	A. C. Wolff and A. Mutch	17634	8 Mar. ..	25	18 Mar.*
Frozen meat, Defrosting	J. Murgatroyd	17582	27 Feb. ..	25	18 Mar.
Fuel-economizer	H. E. Leighton	16117	21 Mar., 1903	15	18 Feb.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name	Application.		Gazette.	
		No.	Date.	No.	Date.
Furnace	H. E. Leighton ..	16116	21 Mar., 1903	15	18 Feb.
Furnace	The Morgan Crucible Company, Limited	17486	21 Jan. ..	15	18 Feb.
Furnace-stoker	Babcock and Wilcox, Limited, and R. A. McLaren	16538	24 June, 1903	2	7 Jan.
Furnace, Water-tube	J. M. Harding ..	17700	23 Mar. ..	..	..
Galvanic plate for boot	R. P. Gibbons ..	17552	17 Feb. ..	20	3 Mar.
Game	H. Brice ..	17460	13 Jan. ..	10	4 Feb.*
Game	C. E. S. Scott ..	17466	14 Jan. ..	15	18 Feb.
Game	W. Wilkinson ..	17473	11 Jan. ..	15	18 Feb.*
Game	C. H. Waddle and S. White ..	17478	15 Jan. ..	15	18 Feb.*
Game, Hoops and pegs for	C. E. Warden ..	17710	26 Mar. ..	..	..
Garment, Rainproof	J. V. Wyborn ..	17703	28 Mar. ..	31	14 April.*
Gas, Apparatus for charging liquids with..	Soda Stream, Limited, and W. Hucks, jun.	17437	7 Jan. ..	10	4 Feb.
Gas-engine	E. Phillips ..	17573	25 Feb. ..	28	31 Mar.
Gas-engine silencer	B. Crawford ..	17527	13 Feb., 1903	25	18 Mar.†
Gas-generator	W. H. Brooks ..	17102	15 Oct., 1903	28	31 Mar.
Gas-generator	W. Lord ..	17537	11 Feb. ..	15	18 Feb.*
Gas-light heater	W. F. Young ..	17469	12 Jan. ..	10	4 Feb.
Gate	J. W. Faulkner ..	17427	24 Dec., 1903	28	31 Mar.
Gauntlet, Cycling-.. ..	E. Saxton ..	15028	23 Mar., 1903	6	21 Jan.
Generator. (See Acetylene-generator.)					
Geographical game	C. E. S. Scott ..	17466	14 Jan. ..	15	18 Feb.
Gig-seat	A. C. Atkin ..	16051	2 Mar., 1903	6	21 Jan.
Glass drawing	W. H. Waters ..	17526	5 Feb. ..	28	31 Mar.
Go-cart	W. Hale ..	17719	31 Mar. ..	..	..
Gold-saving apparatus	A. T. W. Allan ..	17632	8 Mar. ..	25	18 Mar.*
Gold-saving apparatus	R. L. Christie ..	17443	4 Jan. ..	6	21 Jan.*
Gold-saving apparatus	E. Phillips ..	17470	12 Jan. ..	10	4 Feb.
Goods, Means for increasing saleability of..	A. J. Park ..	16261	17 April, 1903	25	18 Mar.
Governor, Marine	R. J. W. Grasset ..	17625	7 Mar. ..	25	18 Mar.*
Gramophone-cylinder	A. J. Hutchinson ..	17674	19 Mar. ..	31	14 April.*
Grip block. (See Safety-grip block.)					
Grip driving-appliance	W. L. R. Hall ..	17623	4 Mar. ..	31	14 April.
Grooving metal tube	A. L. Watkins ..	17454	12 Jan. ..	10	4 Feb.
Gum. (See Kauri-gum.)					
Gutter	C. T. Hodges ..	17504	28 Jan. ..	15	18 Feb.*
Hair-pin	J. Ramsay ..	17450	11 Jan. ..	6	21 Jan.*
Hair-pin	H. H. McDougall ..	17698	25 Mar. ..	..	..
Handle. (See Bucket-handle.)					
Handle and stand for clothes-iron	M. Browne ..	17693	21 Mar. ..	28	31 Mar.
Hat-fastener	J. H. Pomeroy ..	16236	16 April, 1903	15	18 Feb.
Hat-pin	O. H. Drewet ..	17542	10 Feb. ..	20	3 Mar.
Hat-pin	J. Luck ..	17558	20 Feb. ..	20	3 Mar.*
Hay-stacking apparatus	J. Gemmell ..	17607	27 Feb. ..	25	18 Mar.*
Head block and reach	— Bedgood ..	17506	1 Feb. ..	..	..
Health-shelter, Paper	A. W. Bickerton ..	17522	5 Feb. ..	15	18 Feb.*
Heat, Applying, to skin	P. B. Hardy ..	17484	21 Jan. ..	10	4 Feb.*
Heat-circulator for boiler	J. R. Thomson ..	17508	3 Feb. ..	20	3 Mar.
Heater	W. F. Young ..	17469	12 Jan. ..	10	4 Feb.
Heater	A. McLeod ..	16925	3 Sept., 1903	10	4 Feb.
Heater. (See Water-heater.)					
Heating milk, &c.	W. A. J. Dutch and J. Forsyth ..	17515	4 Feb. ..	15	18 Feb.*
Heel	J. N. Du Feu ..	16390	26 May, 1903	20	3 Mar.
Heel	J. Jenner ..	17564	24 Feb. ..	25	18 Mar.
Heel-attaching machine	United Shoe Machinery Company	17660	16 Mar. ..	28	31 Mar.*
Heel-finishing machine	United Xpedite Finishing Com-pany	16509	18 June, 1903	25	18 Mar.
		16510	18 June, 1903	25	18 Mar.
Heel-nailing machine	H. Briggs ..	17689	23 Mar. ..	31	14 April.
High-pressure reservoir, Controlling contents of	A. J. L. Eckersley ..	17721	31 Mar. ..	..	..
Holder. (See Door-holder, Nail-holder, Serviette-holder, Window-holder, Wire-mattress holder.)					
Hook and eye	M. Cowan ..	17549	16 Feb. ..	20	3 Mar.*
Horse-bolting preventer	T. Betts and G. Pirritt ..	15947	4 Feb., 1903	15	18 Feb.
Horse-bolting preventer	J. B. Morony ..	16135	25 Mar., 1903	20	3 Mar.
Horse-cover	W. Trembath ..	17667	16 Mar. ..	31	14 April.*
Horse, Means of blindfolding	C. V. Jenkins ..	17655	15 Mar. ..	28	31 Mar.
Horse, Releasing, from vehicle	A. W. Töpffer ..	17648	11 Mar. ..	31	14 April.
Horse-shoe	F. J. Single ..	17694	23 Mar. ..	31	14 April.*
Horse-shoe machine	S. G. Dickson ..	16029	27 Feb., 1903	6	21 Jan.
Horse-shoeing lever	C. H. Lowe ..	16799	10 Aug., 1903	20	3 Mar.
Horse-stopper	T. Firth ..	17446	9 Jan. ..	6	21 Jan.*
Hose, Union joint for	D. Worland ..	17494	22 Jan. ..	15	18 Feb.*
Hot-water shower	F. S. Parker ..	17434	5 Jan. ..	6	21 Jan.*
Invalid-lifter	F. J. Chapman ..	17580	25 Feb. ..	25	18 Mar.
Ironsand-treating apparatus	C. F. Lungley ..	17688	23 Mar. ..	28	31 Mar.*
Irons. (See Clothes-iron.)					

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Jack. (See Lever jack, Standard jack, Wheel-jack.)					
Kauri-gum-chipping implement ..	A. J. McPharlin ..	17577	26 Feb. ..	28	31 Mar.
Kauri-gum receptacle ..	A. J. McPharlin ..	17563	24 Feb. ..	25	18 Mar.
Kauri-gum receptacle ..	A. J. McPharlin ..	17591 17592	29 Feb. ..	25	18 Mar.*
Kauri-tree-cutting implement ..	A. J. McPharlin ..	16928	8 Sept., 1903	28	31 Mar.
Keyboard for music ..	S. W. Thackeray ..	17643	10 Mar. ..	31	14 April.
Key, Bullock-bow ..	J. Snowden ..	17534	8 Feb. ..	15	18 Feb.*
Knife-cleaner ..	C. Wiley ..	17572	25 Feb. ..	25	18 Mar.
Knife-cleaner ..	W. C. Wall and J. T. Toohey ..	17690	23 Mar. ..	..	..
Label attachment ..	S. H. Day ..	17653	14 Mar. ..	..	..
Ladder. (See Dredge-ladder.)					
Lamp ..	H. Marshall and J. Maton ..	17511	4 Feb. ..	20	3 Mar.
Lamp, Electric ..	G. Sweetser ..	17662	16 Mar. ..	..	..
Lamp-glass cleaner ..	F. W. Naumann ..	17571	25 Feb. ..	20	3 Mar.
Laundry apparatus ..	C. Robertson ..	17440	7 Jan. ..	6	21 Jan.*
Leaf-turner ..	G. F. Moyle ..	17444	5 Jan. ..	6	21 Jan.
Leather, Evening and grading ..	Lacene Manufacturing Company ..	17609	27 Feb. ..	28	31 Mar.*
Leather-splitting machine ..	United Shoe Machinery Company ..	17661	16 Mar. ..	28	31 Mar.*
Legging-fastening ..	J. T. Maine ..	17624	5 Mar. ..	31	14 April.
Leggings ..	J. Duncan ..	16499	16 June, 1903	20	3 Mar.
Lever for shoeing horse ..	C. H. Lowe ..	16799	10 Aug., 1903	20	3 Mar.
Lever-jack pawl operator ..	B. and W. Trehwella ..	16524	19 June, 1903	25	18 Mar.
Lever, Lifting- ..	J. Scorrar ..	17709	30 Mar. ..	31	14 April.*
Lift. (See Water-lift.)					
Lifting and turning drill ..	C. Simmons ..	17521	3 Feb. ..	..	..
Lifting invalid out of bath ..	F. J. Chapman ..	17580	25 Feb. ..	25	18 Mar.
Lifting-lever ..	J. Scorrar ..	17709	30 Mar. ..	31	14 April.*
Line. (See Clothes-line.)					
Liner for washing-copper, &c. ..	T. Vivian and H. W. de Baugh ..	17557	19 Feb. ..	20	3 Mar.*
Liquid, Drawing off ..	F. W. Smith ..	17578	26 Feb. ..	20	3 Mar.*
Liquids, Aerated, Manufacture of ..	H. G. Watson and J. Cummoock, jun. ..	17477	15 Jan. ..	10	4 Feb.*
Liquids, Aerating ..	Soda Stream, Limited, and W. Hucks ..	17437	7 Jan. ..	10	4 Feb.
Lithographic plate ..	F. W. Sears ..	17685	22 Mar. ..	28	31 Mar.*
Lock ..	A. Parker ..	17531	10 Feb. ..	15	18 Feb.
Lock. (See also Bicycle-lock, Cycle-lock, Lock and draught-excluder for window, Sash-hanger and lock, Wheel-lock.)					
Lock, Nut- ..	J. J. Macky ..	17642	5 Mar. ..	28	31 Mar.
Loose-leaf account-book ..	T. de Schryver ..	17538	11 Feb. ..	20	3 Mar.
Lubricator for plough-skeith ..	G. T. Booth ..	16445	5 June, 1903	20	3 Mar.
Lubricator, Windmill- ..	J. O'Neil ..	16290	29 April, 1903	15	18 Feb.
Marine governor ..	R. J. W. Grasset ..	17625	7 Mar. ..	25	18 Mar.*
Mattress ..	E. J. Restorek ..	16714	30 July, 1903	6	21 Jan.
Measuring and weighing milk ..	E. W. Lloyd ..	17725	29 Mar. ..	31	14 April.*
Meat, Defrosting ..	J. Murgatroyd ..	17582	27 Feb. ..	25	18 Mar.
Mercury-feeder for battery ..	N. P. Carver ..	17613	3 Mar. ..	28	31 Mar.
Metals-extraction ..	P. J. Ogle and the Rapid Cyanide Treatment, Limited ..	17561	24 Feb. ..	20	3 Mar.*
Metal tubes, Grooving and necking ..	A. L. Watkins ..	17454	12 Jan. ..	10	4 Feb.
Meter. (See Electricity - meter, Watt-meter.)					
Milk-aerator ..	R. J. Moore ..	17514	4 Feb. ..	15	18 Feb.*
Milk, Heating ..	W. A. J. Dutch and J. Forsyth ..	17515	4 Feb. ..	15	18 Feb.*
Milker ..	F. Ljungstrom ..	17489	20 Jan. ..	..	..
Milking-appliance ..	T. C. Jenkins and W. T. Mack ..	17673	18 Mar. ..	28	31 Mar.*
Milking-machine ..	W. Sim ..	16157	28 Mar., 1903	20	3 Mar.
Milking-machine ..	J. Pomeroy ..	17711	26 Mar. ..	31	14 April.*
Milk, Measuring and weighing ..	E. W. Lloyd ..	17725	29 Mar. ..	31	14 April.*
Milk-weighing machine ..	J. J. Gillies ..	17614	3 Mar. ..	25	18 Mar.*
Minerals, Separation of ..	D. Clark ..	17547	17 Feb. ..	20	3 Mar.*
Mitre-frame arm adjustment ..	C. N. Scurr ..	16306	2 May, 1903	6	21 Jan.
Moon, Chart to illustrate changes of ..	J. Irvin ..	17536	9 Feb. ..	20	3 Mar.*
Motor ..	J. P. Lajoie ..	17516	2 Feb. ..	..	..
Motor. (See also Road motor vehicle, Wave-motor.)					
Motor-car driving and gearing mechanism ..	A. M. Boon ..	17423	27 Jan., 1903	10	4 Feb.†
Motor-driven vehicle ..	C. Bradshaw ..	17597	29 Feb. ..	25	18 Mar.
Moustache-guard for spoon ..	G. G. Sutherland and A. G. Brett ..	17559	23 Feb. ..	20	3 Mar.*
Musical keyboard and notation ..	S. W. Thackeray ..	17643	10 Mar. ..	31	14 April.
Music-leaf turner ..	G. F. Moyle ..	17444	5 Jan. ..	6	21 Jan.*
Music, Printing ..	W. E. Naunton and T. C. Palmer ..	17718	31 Mar. ..	31	14 April.*
Nail-holder ..	H. Coe ..	16434	4 June, 1903	25	18 Mar.
Necktie fastener and retainer ..	J. Hope and W. Butcher ..	17530	10 Feb. ..	20	3 Mar.
Newspaper-folder ..	J. M. Twomey ..	17431	5 Jan. ..	6	21 Jan.*
Nightsoil-pan cover, Securing ..	H. D. Manning ..	17651	12 Mar. ..	28	31 Mar.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Nightsoil-receptacle	J. Mitchell and G. George ..	17524	8 Feb. ..	15	18 Feb.*
Nut-lock	J. J. Macky	17642	5 Mar. ..	28	31 Mar.
Oil. (See Shale-oil.)					
Oil-clothing manufacture	R. A. Bradbury	17452	11 Jan. ..	10	4 Feb.*
Oiling axle	R. L. Suttie	17589	29 Feb. ..	31	14 April.
Oleaginous solution	C. V. Potter	16397	28 May, 1903	6	21 Jan.
Ore-feeder grip driver	W. L. R. Hall	17623	4 Mar. ..	31	14 April.
Ore-treatment	M. Moore and T. J. Heskett ..	16963	9 Sept., 1903	10	4 Feb.
Ornaments. (See Stucco ornaments.)					
Outrigger for vehicle	F. H. Howard	17518	6 Feb. ..	20	3 Mar.
Oyster-plate	J. W. Scully and J. Anthony ..	17503	30 Jan. ..	15	18 Feb.*
Packing-case fastening	J. Irvine	17684	22 Mar. ..	31	14 April.
Packing piston-rods	R. Brown and A. Blair	17677	18 Mar. ..	28	31 Mar.
Paint-brush	A. L. Watkins	17454	12 Jan. ..	10	4 Feb.
Paint-mixing solution	C. V. Potter	16397	28 May, 1903	6	21 Jan.
Paper health-shelter	A. W. Bickerton	17522	5 Feb. ..	15	18 Feb.*
Pasteuriser for milk, &c.	W. A. J. Dutch and J. Forsyth ..	17515	4 Feb. ..	15	18 Feb.
Paving-blocks. Applying tar to ..	C. M. Newson and M. Coulson ..	15983	11 Feb., 1903	15	18 Feb.
Paving-blocks	W. Powell	17510	4 Feb. ..	20	3 Mar.
Percussive tool	F. D. Johnson	17567	25 Feb. ..	28	31 Mar.
Photographic negative	F. W. Sears	17656	15 Mar. ..	28	31 Mar.
Pictures, Displaying	O. M. Scholer	17658	11 Mar. ..	31	14 April.
Picture-suspending device	W. E. S. Ramsay and S. McMurray	17480	20 Jan. ..	10	4 Feb.
Pin	C. L. August	17492	20 Jan. ..	20	3 Mar.*
Pin. (See also Hair-pin, Hat-pin, Shaft-coupling pin.)					
Pipe-coupling	F. Albrecht	17594	27 Feb. ..	28	31 Mar.
Piston-rod packing	R. Brown and A. Blair	17677	18 Mar. ..	28	31 Mar.
Pitch-chain and sprocket	G. Davidson	16568	29 June, 1903	20	3 Mar.
Planing-machine	W. C. Gee	17686	22 Mar. ..	28	31 Mar.*
Plate. (See Electric accumulator-plate, Lithographic plate)					
Plate for oysters, &c.	J. W. Scully and J. Anthony ..	17503	30 Jan. ..	15	18 Feb.*
Plough. (See Disc plough.)					
Plough front-wheel lift	G. T. Booth and W. Brew	17664	16 Mar. ..	28	31 Mar.*
Plough, Potato-	G. W. Remnant	16436	4 June, 1903	25	18 Mar.
Plough-skeith lubricator	G. T. Booth	16445	5 June, 1903	20	3 Mar.
Plough-wheel lift	G. T. Booth and W. Brew	17664	15 Mar. ..	28	31 Mar.*
Pneumatic percussive tool	F. D. Johnson	17567	25 Feb. ..	28	31 Mar.
Pneumatic test-cups	A. Gillies	17639	9 Mar. ..	28	31 Mar.*
Polish. (See Stove-polish.)					
Post. (See Straining-post.)					
Potato-plough	G. W. Remnant	16436	4 June, 1903	25	18 Mar.
Preserving timber	W. Powell	17510	4 Feb. ..	20	3 Mar.
Preserving timber	R. W. Harvey	17678	18 Mar. ..	..	..
Press. (See Wool-press.)					
Printing-block	F. W. Sears	17685	22 Mar. ..	28	31 Mar.
Printing-machine	T. Cossar	15575	30 Oct., 1902	6	21 Jan.
Printing music	W. E. Naunton and T. C. Palmer	17718	31 Mar. ..	31	14 April.*
Printing on photo. negative	F. W. Sears	17656	15 Mar. ..	28	31 Mar.*
Projectile	C. Soulas	17535	11 Feb. ..	15	18 Feb.*
Propeller, Screw	E. V. Dixon	16278	28 April, 1903	15	18 Feb.
Propelling vessel	W. Mizon	17636	9 Mar. ..	25	18 Mar.*
Protector for boot-sole	F. J. Gane and J. Mitchell ..	17433	6 Jan. ..	10	4 Feb.*
Protector for cooking-range	E. S. Pike	17544	16 Feb. ..	20	3 Mar.*
Pump	A. J. McPharlin and R. S. Goodison	17575	26 Feb. ..	20	3 Mar.*
Pump, Bicycle-	F. G. Rickard	17432	6 Jan. ..	6	21 Jan.
Pump, Bicycle-	D. Rowe	17701	26 Mar. ..	31	14 April.*
Pump, Spear	A. J. McPharlin and R. S. Goodison	17575	25 Feb. ..	25	18 Mar.*
Race, Sheep-	C. Rask and E. A. Cameron ..	17731	31 Mar. ..	..	..
Railway-sleeper-grooving machine ..	C. O. E. Andersson	17481	20 Jan. ..	10	4 Feb.*
Railway wheels and axles	W. S. Cobham	17631	8 Mar. ..	25	18 Mar.*
Rainproof garment	J. V. Wyborn	17703	28 Mar. ..	31	14 April.*
Raking material from sluice-box ..	G. Dennis, jun.	17519	6 Feb. ..	15	18 Feb.*
Range. (See Cooking-range.)					
Reaping-finger	M. Cooney	17533	9 Feb. ..	15	18 Feb.*
Reaping-machine attachment	T. Davies	17459	11 Jan. ..	10	4 Feb.*
Reaping-machine cutting mechanism ..	F. Butterick	16431	2 June, 1903	25	18 Mar.
Reservoir. (See High pressure.)					
Revolving heel	J. Jenner	17564	24 Feb. ..	25	18 Mar.
Ridging	C. S. Hawkeswood	17541	11 Feb. ..	20	3 Mar.
Road motor vehicle	W. E. Carmont	17598	2 Mar. ..	28	31 Mar.
Road-sweeper	W. Briery and G. Fraser ..	17520	3 Feb. ..	15	18 Feb.*
Road-wheel	J. J. Coakley and A. C. McCallum	17603	2 Mar. ..	..	..
Roadster and gig seat	A. C. Atkin	16051	2 Mar., 1903	6	21 Jan.
Roll. (See Buffing-roll.)					
Roller. (See Flax-stripper roller.)					
Roller-protector for dredge-ladder. ..	R. R. Douglas	17729	30 Mar. ..	31	14 April.*
Roofing-tile	C. S. Hawkeswood	17541	11 Feb. ..	20	3 Mar.*
Runaway horse, Releasing	A. W. Töpffer	17648	11 Mar. ..	31	14 April.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Saddle, Cycle-	T. G. Stevens	17604	2 Mar. ..	..	..
Safety-grip block	A. V. H. Monro and H. G. W. L. Noy	16413	27 May, 1903	25	18 Mar.
Sealability of goods, Means for increasing	A. J. Park	16261	17 April, 1903	25	18 Mar.
Sash. (See Window-sash.)					
Sash-balance	C. L. Stokes	16237	16 April, 1903	10	4 Feb.
Sash-fastener	J. Harris	17476	18 Jan. ..	10	4 Feb.
Sash hanger and lock	G. M. Scott	16582	29 June, 1903	10	4 Feb.
Sash hanger, Door and	R. L. Lockerbie	15922	27 Jan., 1903	6	21 Jan.
Sash-support	J. G. Lodge	16868	27 Aug., 1903	25	18 Mar.
Sawing, Setting off distance for	J. Johnston	17491	20 Jan. ..	15	18 Feb.
Scraper, Tram-line	J. W. Murdock	17724	29 Mar. ..	31	14 April.*
Screw propeller	E. V. Dixon	16278	28 April, 1903	15	18 Feb.
Seat. (See Gig-seat, Chair-seat.)					
Seeder	A. S. Patterson	17611	3 Mar. ..	31	14 April.
Seed sower	W. Lowe	16297	1 May, 1903	15	18 Feb.
Seed-sower	J. Gray	17630	8 Mar. ..	31	14 April.
Separator. (See Electro-magnetic separator.)					
Serviette-holder	A. H. Brownley and I. S. Fletcher	17457	12 Jan. ..	20	3 Mar.
Setting off distance for sawing	J. Johnston	17491	20 Jan. ..	15	18 Feb.*
Shaft-coupling pin	J. M. Bawden and E. H. Catterall	17490	20 Jan. ..	15	18 Feb.
Shale-oil, Treating	A. Adiassewich	17695	22 Mar. ..	..	..
Sheep-feeding rack, Steerage gear for	F. Cooper	16470	9 June, 1903	20	3 Mar.
Sheep-shears	O. Börs	17644	10 Mar. ..	28	31 Mar.*
Sheepskins, Treating	A. J. H. Burt	17657	15 Mar. ..	28	31 Mar.*
Sheep, Travelling-race for	C. Rask and E. A. Cameron	17731	30 Mar. ..	..	..
Ship, Means for controlling speed of	E. Smethurst	17606	1 Mar. ..	25	18 Mar.*
Ship-retarder	E. Smethurst	17468	13 Jan. ..	10	4 Feb.*
Shoeing lever. (See Horse-shoeing lever.)					
Shower-bath	R. S. Goodisson and A. J. McPharlin	17593	29 Feb. ..	25	18 Mar.*
Shower, Hot-water	F. S. Parker	17434	5 Jan. ..	6	21 Jan.*
Sifting-apparatus	A. G. Parry	17441	7 Jan. ..	6	21 Jan.*
Silencer, Engine-	B. Crawford	17527	13 Feb., 1903†	25	18 Mar.
Skeith-buckle	G. T. Booth and W. Brew	17665	16 Mar. ..	28	31 Mar.
Skin, Means of applying heat to	P. B. Hardy	17484	21 Jan. ..	10	4 Feb.
Skylight	F. C. Griffiths	16383	23 May, 1903	31	14 April.
Skylight	R. F. Smith	17679	18 Mar. ..	31	14 April.
Sleeper. (See Railway-sleeper.)					
Slime-filtering apparatus	G. S. Duncan	17158	29 Oct., 1903	15	18 Feb.
Slime-filtering apparatus	H. R. Cassel	17600	2 Mar. ..	25	18 Mar.*
Sluice-box clay-cutter	W. McCorkindale	17540	9 Feb. ..	15	18 Feb.*
Sluice-box raking-apparatus	G. Dennis, jun.	17519	6 Feb. ..	15	18 Feb.*
Smoke-consumer	H. E. Leighton	16117	21 Mar., 1903	15	18 Feb.
Smoke-conveyer	W. L. Gale	17455	12 Jan. ..	10	4 Feb.
Soap, Granulating and moulding	W. E. Hughes	17528	9 Feb. ..	..	..
Socket, Chair- or table-leg	C. Coles	17566	25 Feb. ..	20	3 Mar.*
Sole laying, levelling, and pressing machine	United Shoe Machinery Company	17663	18 Mar. ..	28	31 Mar.*
Sower. (See Seed-sower.)					
Spark-arrester	J. Stenhouse	17666	16 Mar. ..	..	..
Spark-arrester	H. S. Wainwright	17713	25 Sept., 1903†	..	..
Spark-arrester	H. S. Wainwright	17714	15 Oct., 1903†	..	..
Spearm pump	A. J. McPharlin and R. S. Goodisson	17575	26 Feb. ..	25	18 Mar.*
Speed gear	T. W. Barber	17449	8 Jan. ..	10	4 Feb.
Spindle and coiler, Wire-weaving	D. McKenzie	16595	2 July, 1903	28	31 Mar.
Splitting leather	United Shoe Machinery Company	17661	16 Mar. ..	..	..
Spoon, Moustache-guard for	G. G. Sutherland and A. G. Brett	17559	23 Feb. ..	20	3 Mar.*
Sprayer	J. W. Andrew	17705	25 Mar. ..	31	14 April.*
Stacking apparatus, Hay-	J. Gemmell	17607	27 Feb. ..	25	18 Mar.*
Stamping-machine	R. Wales	17620	4 Mar. ..	25	18 Mar.*
Stamping-machine	E. Moss	17721	30 Mar. ..	31	14 April.*
Standard. (See Fencing-standard.)					
Standard jack	E. Hayes	17671	18 Mar. ..	28	31 Mar.*
Stair-rod	E. L. Baggstrom	17692	22 Mar. ..	28	31 Mar.
Staple	A. R. Hardy	17730	30 Mar. ..	31	14 April.*
Staple. (See Fencing-staple.)					
Starting-gate	S. Austen	17615	4 Mar. ..	..	..
Stave, Music-	W. E. Naunton and T. C. Palmer	17718	31 Mar. ..	31	14 April.*
Steam-engine	G. S. Morison	16232	16 April, 1903	20	3 Mar.
Steam-trap	W. Lee and C. T. Swanell	17659	12 Mar. ..	28	31 Mar.*
Steerage gear for sheep-feeding rack	F. Cooper	16470	9 June, 1903	20	3 Mar.
Stoker, Chain grate-	Babcock and Wilcox, Limited, and R. A. McLaren	16538	24 June, 1903	2	7 Jan.
Stone, Building-	N. Nielsen and G. Atkinson	17649	11 Mar. ..	28	31 Mar.*
Stove-polish	W. H. Bowick	17680	21 Mar. ..	28	31 Mar.*
Strainer. (See Wire-strainer, Fencing-strainer.)					
Straining-post	W. White	17502	29 Jan. ..	15	18 Feb.
Straw-stacking apparatus	J. Gemmell	17607	27 Feb. ..	25	18 Mar.
Street-sprinkling solution	C. V. Potter	16397	28 May, 1903	6	21 Jan.
Street-sweeper	J. L. Kirkbride	17556	23 Feb. ..	20	3 Mar.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Stripper. (See Flax-stripper.)					
Stucco-ornament composition	G. F. A., E. G., and P. P. Schaefer	17633	8 Mar.	31	14 April.*
Sulphide-separation process	D. Clark	17547	17 Feb.	20	3 Mar.
Support, Bicycle-	A. R. Murphy	17498	25 Jan.	..	..
Suspender, Trousers-	W. T. Nuttall	17513	4 Feb.	15	18 Feb.*
Sweeper. (See Road-sweeper, Street-sweeper.)					
Swing bed	C. Soulas	17451	11 Jan.	10	4 Feb.
Swingletree-iron	W. D. Wilson	16146	25 Mar., 1903	6	21 Jan.
Table amusements. (See Games.)					
Table-cricket	H. Brice	17460	13 Jan.	10	4 Feb.
Table-leg socket	C. Coles	17566	25 Feb.	20	3 Mar.*
Tack-holder	H. Coe	16434	4 June, 1903	25	18 Mar.
Tailings-elevator	G. Armstrong	17608	27 Feb.	25	18 Mar.*
Tank-filter	E. R. Godward	17588	29 Feb.	28	31 Mar.
Tanks, Means for coupling pipes to	F. Albrecht	17594	27 Feb.	28	31 Mar.
Tap	J. McLean and P. Ellis	16037	2 Mar., 1903	6	21 Jan.
Tap	A. Whitney	17436	5 Jan.	6	21 Jan.*
Tap-attaching means	A. M. S. Watts	16288	30 April, 1903	15	18 Feb.
Tap, Union joint for	D. Worland	17494	22 Jan.	15	18 Feb.*
Tap-valve	I. and F. A. Whitehouse	17539	11 Feb.	20	3 Mar.
Tar, Applying, to paving-blocks	C. M. Newson and M. Coulson	15983	11 Feb., 1903	15	18 Feb.
Teat-cups, Pneumatic	A. Gillies	17639	9 Mar.	28	31 Mar.
Telegraphic and telephonic apparatus	C. Turchi	17499	29 Jan.	15	18 Feb.
Telephone-diaphragm	S. Churchill-Otton	17723	31 Mar.	..	..
Telephonic fire-alarm	F. J. Farrell	17669	14 Mar.	28	31 Mar.
Telescope	C. Soulas	17496	25 Jan.	10	4 Feb.*
Telluride-separation process	D. Clark	17547	17 Feb.	20	3 Mar.*
Theatre-chair	A. M. Conroy	17546	17 Feb.	20	3 Mar.
Theatre-door	J. A. Jagger	17639	9 Mar.	28	31 Mar.
Theatre-door	J. A. Jagger	17672	18 Mar.	28	31 Mar.
Therapeutic apparatus	A. P. Richmond	17640	9 Mar.	28	31 Mar.
Thinner, Turnip, &c.	J. Thomson	17475	16 Jan.	10	4 Feb.
Tide-illustrating chart	J. Irvin	17536	9 Feb.	20	3 Mar.
Tides, Means of utilising	K. Hiendlmayr	17670	14 Mar.	28	31 Mar.*
Tile. (See Roofing-tile.)					
Timber, Preserving	W. Powell	17510	4 Feb.	20	3 Mar.
Timber, Preserving	R. W. Harvey	17678	18 Mar.	..	..
Tire-cover	H. Lightband	17548	17 Feb.	20	3 Mar.*
Tire-protector	H. J. Whitelaw	17712	31 Mar.	..	..
Tire, Vehicle-wheel	T. P. Lyons	17579	26 Feb.	20	3 Mar.*
Toasting-fork	T. M. George	17583	23 Feb.	31	14 April.*
Tobacco-cutter	W. Reeves	17429	4 Jan.	6	21 Jan.*
Tobacco-pipe	D. G. Sutherland	17500	29 Jan.	15	18 Feb.*
Toy	K. Davy	17650	12 Mar.	28	31 Mar.
Tram-line scraper	J. W. Murdock	17724	29 Mar.	31	14 April.*
Trap. (See Steam-trap.)					
Tray for oysters, &c.	J. W. Scully and J. Anthony	17503	30 Jan.	15	18 Feb.*
Trommel	C. L. Garland	17568	25 Feb.	..	..
Trousers-suspender	W. T. Nuttall	17513	4 Feb.	15	18 Feb.*
Trousers, Cycling	G. D. Jones	17585	26 Feb.	25	18 Mar.*
Truing up rollers of flax-stripper	J. Anderson	17565	24 Feb.	25	18 Mar.*
Tube grooving and necking	A. L. Watkins	17454	12 Jan.	10	4 Feb.
Tumbler. (See Dredge-tumbler.)					
Turbine	W. E. Hughes	17424	30 Dec., 1903	31	14 April.
Turbine	C. A. Parsons	17687	23 Mar.	31	14 April.
Turbine	W. F. Newman	17716	31 Mar.	31	14 April.*
Turner. (See Leaf-turner.)					
Turnip-thinner	J. Thomson	17475	16 Jan.	10	4 Feb.
Twister and strainer for wire	G. C. Clarke	16410	29 May, 1903	20	3 Mar.
Typographic machine	E. Waters, jun.	17574	25 Feb.	..	..
Umbrella-handle	K. Davy	17462	9 Jan.	..	..
Umbrella-joint	J. Hercus and F. W. Barton	17474	12 Jan.	..	..
Union joint	D. Worland	17494	22 Jan.	15	18 Feb.*
Valve	I. and F. A. Whitehouse	17539	11 Feb.	20	3 Mar.
Vapour-engine	E. Phillips	17573	25 Feb.	28	31 Mar.
Vehicle, Motor-driven	C. Bradshaw	17597	29 Feb.	25	18 Mar.
Vehicle-outrigger	F. H. Howard	17518	6 Feb.	20	3 Mar.
Vehicle, Releasing runaway from	A. W. Töpffer	17648	11 Mar.	31	14 April.
Vehicle weather-apron	J. V. Wyborn	17702	28 Mar.	31	14 April.*
Vehicle-wheel lock and horse-stopper	T. Firth	17446	9 Jan.	6	21 Jan.*
Vehicle-wheel tire	T. P. Lyons	17579	26 Feb.	20	3 Mar.*
Ventilator	F. Hitchcock	17682	19 Mar.	28	31 Mar.*
Vessel, Propelling	W. Mizon	17636	9 Mar.	25	18 Mar.*
Volatile, Prevention of escape	A. H. McCulloch	17390	18 Dec., 1903	20	3 Mar.
Washing-copper, Liner for	T. Vivian and H. W. de Baugh	17557	19 Feb.	20	3 Mar.*
Water-heater	J. Key	17471	12 Jan.	10	4 Feb.*
Water-heater	J. Key	17472	12 Jan.	10	4 Feb.*
Water-interceptor and steam-trap	W. Lee and C. T. Swanell	17659	12 Mar.	28	31 Mar.
Water-lift	H. McNeil and F. W. Grant	16990	17 Sept., 1903	25	18 Mar.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Water-purifier	J. W. Mulhare	16471	4 June, 1903	31	14 April.
Water-tank filter	F. Elvines and T. Hall	17495	25 Jan.	..	..
Water-tank filter	E. R. Godward	17588	29 Feb.	28	31 Mar.
Water-tube furnace	J. M. Harding	17700	23 Mar.	..	..
Watt-meter	W. E. Hughes	17041	30 Sept., 1903	2	7 Jan.
Wave-motor	K. Hiendlmayr	17670	14 Mar.	..	..
Weeds, Solution for killing	G. Henderson, jun.	17668	16 Mar.	31	14 April.*
Weighing machine, Milk-	J. J. Gillies	17614	3 Mar.	25	18 Mar.*
Well sinking, Artesian-	T. Danks	17435	5 Jan.	6	21 Jan.*
Well-sinking	J. W. Thomas and C. O. McCutcheon	17467	13 Jan.	10	4 Feb.
Wheel for elevating ores	F. J. Courtney	17487	21 Jan.	..	..
Wheel-jack	D. Dunn	17058	2 Oct., 1903	20	3 Mar.
Wheel-lift for ploughs	G. T. Booth and W. Brew	17664	15 Mar.	28	31 Mar.*
Wheel-lock	T. Firth	17446	9 Jan.	6	21 Jan.
Wheel, Road-	J. J. Coakley and A. C. McCallum	17603	2 Mar.	..	..
Wheels and axles of railways, &c.	W. S. Cobham	17631	8 Mar.	25	18 Mar.*
Whiffletree	J. T. Prince	17646	10 Mar.	31	14 April.
Windmill-lubricator	J. O'Neil	16290	29 April, 1903	15	18 Feb.
Window	A. Peppler	16447	8 June, 1903	20	3 Mar.
Window-guard	J. W. Faulkner	17427	24 Dec., 1903	28	31 Mar.
Window-holder	H. J. Marks	17485	21 Jan.	10	4 Feb.*
Window-lock and draught-excluder	A. Parker	17531	10 Feb.	15	18 Feb.*
Window-sashes, Means of balancing	C. L. Stokes	16237	16 April, 1903	10	4 Feb.
Window-sash fastener	J. Harris	17476	18 Jan.	10	4 Feb.*
Window-sash hanger	A. Mole	17715	31 Mar.	..	..
Window-sash support	J. G. Lodge	16868	27 Aug., 1903	25	18 Mar.
Window-sash suspender and operator	A. J. Park	17447	9 Jan.	6	21 Jan.*
Wire attacher and elevator for bedsteads	E. J. Restorck	16714	30 July, 1903	6	21 Jan.
Wire-mattress holder	N. Hill	17635	5 Mar.	..	..
Wire-strainer	T. C. Berry	16896	1 Sept., 1903	25	18 Mar.
Wire-strainer	J. Woolford	17445	8 Jan.	..	..
Wire twister and strainer	G. C. Clarke	16410	29 May, 1903	20	3 May.
Wire-weaving coiler and spindle	D. McKenzie	16595	2 July, 1903	28	31 Mar.
Wool-fibres, Apparatus for separating	F. Wilkinson	16257	22 April, 1903	15	18 Feb.
Wool-press, Actuating	J. Scorrar	17708	30 Mar.	..	..
Writing, Copying means	H. Sanford-Burton	17605	2 Mar.	28	31 Mar.

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER ENDING 31st MARCH, 1904.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Allan and Co. Proprietary, Limited ..	Melbourne, Vic. ..	9	4599	10 Mar. ..	25	18 Mar.
American Seeding Machine Company ..	Jersey City, U.S.A. ..	7	4585	25 Feb. ..	20	3 Mar.
Anderson, W. A.	Vancouver, Canada ..	42	4631	24 Mar. ..	28	31 Mar.
Atkins, H.	Cape Town, Cape Colony ..	42	4516	13 Jan. ..	..	..
Atkins, H.	Cape Town, Cape Colony ..	42	4517	13 Jan. ..	6	21 Jan.
Auckland Freezing Company, Limited, The ..	Auckland, N.Z. ..	42	4626	22 Mar. ..	31	14 April.
Australian Manufacturing and Importing Company, The ..	Wellington, N.Z. ..	3	4625	21 Mar. ..	28	31 Mar.
Australian Manufacturing and Importing Company, The ..	Wellington, N.Z. ..	3	4628	22 Mar. ..	28	31 Mar.
Awanui Fish-canning Company, Limited, The ..	Awanui, N.Z. ..	42	4391	23 Sept., 1903	28	31 Mar.
Beattie, Lang, and Co.	Wellington, N.Z. ..	24	4558	8 Feb. ..	15	18 Feb.
Behrens, C.	Havana, Cuba ..	45	4575	18 Feb. ..	..	..
Benjamin and Co., A.	London, Eng. ..	4	4632	24 Mar. ..	28	31 Mar.
Benjamin and Co., A.	London, Eng. ..	4	4636	28 Mar. ..	..	..
Bing, Harris, and Co.	Dunedin, N.Z. ..	38	4633	28 Mar. ..	28	31 Mar.
Blakey's Boot Protectors, Limited ..	Leeds, Eng. ..	13	4539	25 Jan. ..	20	3 Mar.
Bock and Co., P.	Auckland, N.Z. ..	3	4476	10 Dec., 1903	20	3 Mar.
Boyd and Son, T.	Christchurch, N.Z. ..	22	4589, 4590	1 Mar. ..	25	18 Mar.
Buchanan, J.	London, Eng.; Glasgow, Scot. ..	43	4151	1 April, 1903	10	4 Feb.
Buchanan and Co., J. (See J. Buchanan.) ..	Dunedin, N.Z. ..	50	4567	12 Feb. ..	20	3 Mar.
Butterworth Bros., New Zealand, Limited ..	Dunedin, N.Z. ..	50	4567	12 Feb. ..	20	3 Mar.
Campbell, W.	Wellington, N.Z. ..	42	3946	24 Sept., 1902	10	4 Feb.
Carr and Son	New Southgate, Eng. ..	50	4512	12 Jan. ..	..	..
Chrystall and Co. (See Neill and Co., Limited.) ..		..	..	..	..	..
Clarke, W. F.	Auckland, N.Z. ..	3	4509	11 Jan. ..	15	18 Feb.
Cocker, H.	New Plymouth, N.Z. ..	42	4611	16 Mar. ..	..	..
Collins Bros. and Co., Limited ..	Auckland, N.Z. ..	39	4554	4 Feb. ..	15	18 Feb.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Co-operative Tea-gardens Company. (See R. V. Webster.)						
Craig and Rose, Limited	London, Eng.; Glasgow and Edinburgh, Scot.	1	4536	21 Jan.	10 31	4 Feb. 14 April.
Dahl, C.	Palmerston North, N.Z.	7	4557	6 Feb.	..	..
Deimel Fabric Company, The ..	London, Eng. ..	38	4610	16 Mar.	..	..
De Lisle, De B., and another ..	Gisborne, N.Z. ..	2	4608	15 Mar.	..	..
Dunlop Pneumatic Tire Company of Australia, Limited	Melbourne, Vic. ..	40	4584	25 Feb.	20	3 Mar.
Dunne, J.	North Fitzroy, Vic. ..	44	4579	25 Feb.	20	3 Mar.
Edison, T. A.	Llewellyn Park, U.S.A.	8	4562	11 Feb.	20	3 Mar.
Falk, Stadelmann, and Co. ..	London, Eng. ..	13	4627	22 Mar.	28	31 Mar.
Fotheringham, F. H.	Sydney, N.S.W. ..	6	4540	25 Jan.	..	..
Globe Packing Company, The ..	Wellington, N.Z. ..	47	4623	19 Mar.	28	31 Mar.
Gollin and Co. Proprietary, Limited ..	Wellington, N.Z. ..	4	4606	11 Mar.	25	18 Mar.
Goodlass, Wall, and Co., Limited ..	Liverpool, Eng. ..	1, 4	4580, 1	25 Feb.	20	3 Mar.
Goodlass, Wall, and Co., Limited ..	Liverpool, Eng. ..	1, 4	4582, 3	25 Feb.	20	3 Mar.
Goodwin and Phelan	Wellington, N.Z. ..	22	4498	30 Dec., 1903	25	18 Mar.
Grett, J.	Woolston, N.Z. ..	42	4609	15 Mar.	28	31 Mar.
Grove, E.	Palmerston North, N.Z.	42	4510	9 Jan.	6	21 Jan.
Hancock and Co.	Auckland, N.Z. ..	43	4565	12 Feb.	20	3 Mar.
Hancock and Co.	Auckland, N.Z. ..	43	4566	12 Feb.	25	18 Mar.
Hanson, Sir R., Bart.	London, Eng. ..	42	4530	20 Jan.	10	4 Feb.
Hanson, Sir R., Bart.	London, Eng. ..	43	4531	20 Jan.	10	4 Feb.
Hardie and Co., J.	Melbourne, Vic., and Sydney, N.S.W.	17	4437	4 Nov., 1903	28	31 Mar.
Harper and Co. Proprietary, Limited, R.	Melbourne, Vic. ..	42	4535	21 Jan.	..	..
Headdey, R. J.	Auckland, N.Z. ..	47	4537	21 Jan.	20	3 Mar.
Heather, W. H. N., and another ..	Auckland, N.Z. ..	43	4493	29 Dec., 1903	20	3 Mar.
Heather, V. J., and another ..	Auckland, N.Z. ..	43	4493	29 Dec., 1903	20	3 Mar.
Heather and Co., W. H. (See W. H. N. and V. J. Heather.)						
Heather, Robertson, and Co. ..	Auckland, N.Z. ..	42	4607	14 Mar.	28	31 Mar.
Hill, Hartridge, and Co.	London, Eng. ..	13, 19, 50	4548, 9, 4551	3 Feb.	15	18 Feb.
Hill, Hartridge, and Co.	London, Eng. ..	49	4550	3 Feb.	31	14 April.
Hill, Hartridge, and Co.	London, Eng. ..	18	4568	15 Feb.	15	18 Feb.
Horlick's Food Company	Racine, U.S.A., and Lon- don, Eng.	42	4593	2 Mar.	..	..
Howison and Co.	London, Eng. ..	40	4598	5 Mar.	25	18 Mar.
Hurst, R.	Melbourne, Vic. ..	38	4518	15 Jan.	6	21 Jan.
Ineson, B.	Palmerston North, N.Z.	42	4560	10 Feb.	20	3 Mar.
Jameson, Anderson, and Co. ..	Christchurch, N.Z. ..	42	4613	16 Mar.	28	31 Mar.
Jeyes' Sanitary Compounds Company, Limited	London, Eng. ..	2, 3	4591, 2	2 Mar.	25	18 Mar.
Kenderdine, A. G.	Auckland, N.Z. ..	3	4577	22 Feb.	20	3 Mar.
Kress and Owen Company	New York, U.S.A. ..	3	4513	13 Jan.	6	21 Jan.
Kress and Owen Company	New York, U.S.A. ..	11	4514	13 Jan.	25	18 Mar.
Kynoch, Limited	Witton, Eng. ..	19, 20	4596, 7	5 Mar.	25	18 Mar.
Lever Bros., Limited	Balmain, N.S.W. ..	47, 48	4504, 5	7 Jan.	6	21 Jan.
Lever Bros., Limited	Balmain, N.S.W. ..	47, 48	4506, 7	7 Jan.	6	21 Jan.
Levi Strauss and Co.	San Francisco, U.S.A. ..	38	4555	4 Feb.	15	18 Feb.
Lewis, W.	Sydney, N.S.W. ..	48	4600	10 Mar.	25	18 Mar.
Lisle. (See de Lisle.)						
Luttrell, E. V., and another ..	Gisborne ..	2	4608	15 Mar.	..	..
Lysaght, J., Limited	Bristol, Eng. ..	5	4520	18 Jan.	10	4 Feb.
MacLulich, J. M.	Paddington, Eng. ..	40	4635	28 Mar.	28	31 Mar.
Marechal Ruchon and Co., Limited ..	London, Eng. ..	50	4612	18 Mar.	28	31 Mar.
Marshall's Chemical Company, Limited	Dunedin, N.Z. ..	42	4641	31 Mar.	..	..
Mason, W. J.	Pahiatua, N.Z. ..	3	4576	18 Feb.	25 31	18 Mar. 14 April.
McLeod Bros., Limited	Dunedin, N.Z. ..	47	4563	11 Feb.	15	18 Feb.
McLeod Bros., Limited	Dunedin, N.Z. ..	48	4564	11 Feb.	..	..
Mélotte, J.	Remicourt, Belgium ..	7	4515	13 Jan.	..	..
Midgley, A. W.	Leeds, Eng. ..	38	4503	7 Jan.	6	21 Jan.
Midgley and Sons, S. T. (See A. W. Midgley.)						
Midgley and Sons, Limited, S. T. ..	Leeds, Eng. ..	38	4614	18 Mar.	..	..
Moonee Valley Cordial Company, The (See J. Dunne.)						
Morgan Crucible Company, Limited, The	London, Eng. ..	50	4556	4 Feb.	15	18 Feb.
Munday, W. E.	Sydenham, N.Z. ..	38	4587	27 Feb.	20	3 Mar.
Munday and Sons, W. E. (See W. E. Munday.)						
Neill and Co., Limited	Christchurch, N.Z. ..	50	4534	20 Jan.	10	4 Feb.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Pacific Hardware and Steel Company, The	San Francisco, U.S.A...	6	4640	31 Mar. ..	..	..
Pascall, Limited, J. ..	London, Eng. ..	42	4573	17 Feb. ..	25	18 Mar.
Pascall, Limited, J. ..	London, Eng. ..	42	4624	19 Mar. ..	..	..
Paterson and Sons, R. ..	Glasgow, Scot. ..	42	4511	12 Jan. ..	6	21 Jan.
Pearson and Rutter, Limited	New Plymouth, N.Z. ..	42	4637	29 Mar. ..	31	14 April.
Pope Manufacturing Company	New York, U.S.A. ..	22	4525, 6, 7, 8, 9	20 Jan. ..	..	..
Poynter, J., Son, and Macdonalds	Glasgow, Scot. ..	42	4586	27 Feb. ..	20	3 Mar.
Price and Co., Limited, H. ..	Wellington, N.Z. ..	42	4499, 4500, 4501, 2	5 Jan. ..	6	21 Jan.
Prunier and Co., J. ..	Melbourne, Vic. ..	43	4639	31 Mar. ..	31	14 April.
Reckitt and Sons, Limited	Sydney, N.S.W. ; Hull and London, Eng. ; Port Elizabeth, South Africa ; and New York, U.S.A.	47	4543	27 Jan. ..	10	4 Feb.
Reuss and Co. ..	Sheffield, Eng. ..	12	4634	28 Mar. ..	31	14 April.
Rodgers and Sons, Limited, J. ..	Sheffield, Eng. ..	12, 14	4545, 6	30 Jan. ..	10	4 Feb.
Ross and Son, W. ..	Napier, N.Z. ..	50	4522, 3, 4	19 Jan. ..	15	18 Feb.
Ross and Son, W. ..	Napier, N.Z. ..	50	4524	..	..	..
Row and Co., E. ..	Sydney, N.S.W. ..	2	4569	17 Feb. ..	20	3 Mar.
Row and Co., E. ..	Sydney, N.S.W. ..	2	4570, 1, 2	17 Feb. ..	31	14 April.
Row and Co., E. ..	Sydney, N.S.W. ..	3	4601	10 Mar. ..	28	31 Mar.
Row and Co., E. ..	Sydney, N.S.W. ..	3	4602, 3, 4	10 Mar. ..	31	14 April.
Ruchon and Co., Limited, M. ..	London, Eng. ..	50	4612	18 Mar. ..	28	31 Mar.
Sapon, Limited ..	London, Eng. ..	47	4542	27 Jan. ..	..	..
Sargood, Son, and Ewen ..	New Zealand ..	38	4519	16 Jan. ..	6	21 Jan.
Sargood, Son, and Ewen ..	Auckland, N.Z. ..	35	4578	23 Feb. ..	25	18 Mar.
Sargood, Son, and Ewen ..	Wellington, N.Z. ..	38	4638	29 Mar. ..	31	14 April.
Sharpe and Co., T. A. ..	Wellington, N.Z. ..	2, 3	4629, 4630	23 Mar. ..	28	31 Mar.
Snedden, W. ..	Dunedin, N.Z. ..	13	4547	2 Feb. ..	..	..
Staples and Co., W. and J. ..	Wellington, N.Z. ..	38	4553	4 Feb. ..	25	18 Mar.
Strauss and Co., Levi ..	San Francisco, U.S.A. ..	38	4555	4 Feb. ..	15	18 Feb.
Taeschner, F. A. ..	Berlin, Germany ..	3	4544	28 Jan. ..	28	31 Mar.
Thomsen, W. A. ..	Rotorua, N.Z. ..	50	4363	3 Sept., 1903	10	4 Feb.
Tobacco Warehousing and Trading Company (Incorporated), The	Danville, U.S.A. ..	2	4574	17 Feb. ..	20	3 Mar.
Trent Bros. ..	Christchurch, N.Z. ..	42	4532, 3	20 Jan. ..	10	4 Feb.
Tully, C. J. ..	Greytown North, N.Z. ..	37	4541	25 Jan. ..	..	..
Turnbull and Co., W. and G. ..	Wellington, N.Z. ..	50	4521	18 Jan. ..	25	18 Mar.
Webster, R. V. ..	Colombo, Ceylon ..	42	4508	9 Jan. ..	6	21 Jan.
Whittingham, W. ..	Auckland, N.Z. ..	42	4552	3 Feb. ..	..	..
Whittingham, W. ..	Auckland, N.Z. ..	42	4588	29 Feb. ..	..	..
Williams Company (Incorporated), T. C.	New York, U.S.A. ..	45	4594, 5	3 Mar. ..	25	18 Mar.
Wilson and Co., Limited, J. ..	Auckland, N.Z. ..	17	4538	23 Jan. ..	15	18 Feb.
Wilton, G. W. ..	Wellington, N.Z. ..	3	4559	8 Feb. ..	20	3 Mar.
Wolff and Sohn, F. ..	Karlsruhe, Germany ..	48	4617, 8	18 Mar. ..	28	31 Mar.
Wolff and Sohn, F. ..	Karlsruhe, Germany ..	48	4620, 2	..	..	..
Wolff and Sohn, F. ..	Karlsruhe, Germany ..	48	4615, 6	18 Mar. ..	..	..
Wylie, S. ..	Sydney, N.S.W. ..	3	4619, 4621	10 March ..	25	18 Mar.
Zohrab and Co. ..	Wellington, N.Z. ..	42	4605	10 Feb. ..	15	18 Feb.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS FOR QUARTER ENDING 31st MARCH, 1904.

Name and Address.	No. of Class.	Design.		Gazette.	
		No.	Date.	No.	Date.
Sargood, Son, and Ewen, Auckland, N.Z. ..	8	202	23 Feb. ..	20	3 Mar.
Shacklock, Limited, H. E., Dunedin, N.Z. ..	1	199 200 201	28 Jan. ..	10	4 Feb.

J. — ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING
30TH JUNE, 1904.

* Denotes a provisional specification.
Trade Marks Act, 1889."

† Denotes a prior date under section 106 of "The Patents, Designs, and

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Aarutaua. (See Te Aarutaua.)				
Adams, J., Hamilton, N.Z. Nut-wrench	18084	22 June ..	..	..
Adams, R. N., and another, Dunedin, N.Z. Sash mover and lock ..	17786	12 April ..	36	28 April.*
Ah Pat, Foxton, N.Z. Nail-handler	17799	18 April ..	42	12 May.
Ah Pat, Foxton, N.Z. Bicycle-driving mechanism	17798	18 April ..	42	12 May.*
Aktiebolaget Sveaseparatorn, Stockholm, Sweden. Centrifugal separator-pipe. (A. L. Christenson)	17948	25 May ..	54	23 June.
Alcock, F. A., Melbourne, Vic. Billiard-table	18046	16 June ..	54	23 June.*
Alcock, H. U., Melbourne, Vic. Billiard-cabinet and marking-board	17757	8 April ..	36	28 April.*
Aldenhoven, H., and another, Kent Town, S.A. Hydraulic ram ..	18009	8 June ..	59	7 July.
Alexander, L. W., New Plymouth, N.Z. Golf-club	17736	28 Mar. ..	36	28 April.*
Alexe, F., London, Eng. Forming casks, barrels, &c.	18088	15 June ..	62	21 July.
Allan, C. F. F., Auckland, N.Z. Portable baker's oven	17971	30 May ..	49	9 June.*
Alley, F. L., Sydney, N.S.W. (See United Shoe Machinery Company, Nos. 17923, 18038.)				
Allnutt, G. T., Cheltenham, Vic. Horse-curber	18043	14 June ..	54	23 June.*
Anderson, H. S., Dunedin, N.Z. Hand-scoop	18096	24 June ..	59	7 July.*
Anderson, R., and another, Hokonui, N.Z. Post-hole borer ..	16916	4 Sept., 1903 ..	54	23 June.
Andrews and Beaven, Christchurch, N.Z. (See W. Andrews and A. W. Beaven)				
Andrews, W., and others, Christchurch, N.Z. Grass-seed cleaner ..	17743	6 April ..	42	12 May.
Andrews, W., and others, Christchurch, N.Z. Seed-threshing machine	17211	5 Nov., 1903 ..	45	26 May.
Angus, A. R., and another, Neutral Bay, N.S.W. Enabling cars to travel over lines of varying gauge. (R. Massey)	18056	17 June ..	62	21 July.
Arnold, J., Milton, Q. Washing-machines	18029	13 June ..	62	21 July.
Arthur, W., Gisborne, N.Z. Cultivator	17871	30 April ..	45	26 May.*
Atkinson, H. D., Wellington, N.Z. Ink-well	17790	16 April ..	36	28 April.*
Baker, A. G., and others, Dunedin, N.Z. Shot-making machine ..	16303	1 May, 1903 ..	49	9 June.
Baker, A. G., Dunedin, N.Z. Machine for cutting material into strips	17618	2 Mar. ..	49	9 June.
Baker, A. G., Dunedin, N.Z. Door-lock	17965	26 May ..	49	9 June.*
Baker, A. S., Auckland, N.Z. Boot-tree	17809	21 April ..	42	12 May.*
Baker, A. S., Auckland, N.Z. Air-tight bottle	17767	9 April ..	49	9 June.*
Baldwin, E. S., and another, Wellington, N.Z. Making producer and water gas. (Power and Mining Machinery Company)	17961	26 May ..	..	..
Barker, O. H., and another, Peel Forest, N.Z. Hydraulic ram ..	18072	22 June ..	62	21 July.
Barker, W. E., and another, Peel Forest, N.Z. Hydraulic ram ..	18072	22 June ..	62	21 July.
Barnard, P. V., and another, Ballarat, Vic. Extraction of gold ..	17810	21 April ..	..	..
Bary, W., Taihape, N.Z. Envelope	18097	29 June ..	59	7 July.*
Bates, A., Leicester, Eng. (See United Shoe Machinery Company, No. 18018.)				
Batley, A. O. P., Moawhango, N.Z. Legging-fastener	18022	10 June ..	..	..
Battaglia-Guerrieri, A., Rome, Italy. Telegraphic transmitter ..	17824	25 April ..	49	9 June.
Bauckham, A. M., Ashhurst, N.Z. Clothes-line suspender	17926	19 May ..	49	9 June.*
Baudinet, G. W., and another, Observatory, Cape Colony. Explosive	17828	25 April ..	42	12 May.
Baxter, R., Milton, N.Z. Sash-fastener	16559	24 June, 1903 ..	42	12 May.
Beamish, W., Cromwell, N.Z. Boot-fastener	17792	14 April ..	42	12 May.*
Beamish, W., Cromwell, N.Z. Button-hole	17793	14 April ..	42	12 May.*
Beamish, W., Cromwell, N.Z. Shackle	17794	14 April ..	42	12 May.*
Beaven, A. W., and others, Christchurch, N.Z. Grass-seed cleaner	17743	6 April ..	42	12 May.
Beaven, A. W., and another, Christchurch, N.Z. Seed-threshing machine	17211	5 Nov., 1903 ..	45	26 May.
Belk, J. A., Feilding, N.Z. Candle-extinguisher	16573	30 June, 1903 ..	36	28 April.
Bergersen, C. A., Palmerston North, N.Z. Window-sash raiser and retainer	17104	15 Oct., 1903 ..	59	7 July.
Bergmann, E., Suhl, Germany. Friction-gear	17992	1 June ..	59	7 July.
Berry, G. W., Kensington, Vic. Closing filled tins	18047	16 June ..	54	23 June.*
Berry, G. W., Kensington, Vic. Keyless tearing-strip for tin ..	18049	16 June ..	54	23 June.*
Berry, G. W., Kensington, Vic. Tin vent	18048	16 June ..	54	23 June.*
Billing, A. F., and another, Auckland, N.Z. Advertising puzzle ..	17829	25 April ..	42	12 May.
Black, C. H., and another, Linwood, N.Z. Laundry iron-stand ..	18003	7 June ..	54	23 June.*
Bodycomb, B., Melbourne, Vic. Milking-apparatus. (W. H. Lawrence)	16676	24 July, 1903 ..	54	23 June.
Boll, P., Bendigo, Vic. Electro-magnetic appliance for curative purposes	17751	8 April ..	49	9 June.*
Bonsall, S. W., New York, U.S.A. Wardrobe	17950	25 May ..	54	23 June.
Borland, J. W., and another, Yarragon, Vic. Wire winder and strainer	17877	6 May ..	45	26 May.*
Boulton, T., Kirwee, N.Z. Fence	17912	17 May ..	45	26 May.*
Bradley, A. E., and another, Christchurch, N.Z. Pumping water ..	18102	30 June ..	..	..
Bradley, H. G., and another, Christchurch, N.Z. Pumping water ..	18102	30 June ..	..	..
Braun, H. C., Barnet, Eng. Telegraph apparatus	18064	21 June ..	62	21 July.*
Breach, W. G., and others, Doyleston, N.Z. Elevator-belt tension-regulator	17806	19 April ..	42	12 May.*
British Westinghouse Electric and Manufacturing Company, Limited, The, London, Eng. (See W. E. Hughes, Nos. 17599, 17872, 17619.)				

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Broad, F., Sydney, N.S.W. (See F. H. W. Cowper, No. 17825.)				
Brooke-Smith, E., Auckland, N.Z. Engine exhaust-muffler ..	17849	28 April ..	45	26 May.*
Brown, F. C., and another, Komata, N.Z. Material circulator ..	17982	25 May ..	54	23 June.*
Brown, M., and another, Brown's, N.Z. Judging sawing events ..	18028	9 June ..	54	23 June.*
Brown, T., and another, Brown's, N.Z. Judging sawing events ..	18028	9 June ..	54	23 June.*
Brownley, A. H., Onehunga, N.Z. Eye-glass cord-winder ..	16544	22 June, 1903 ..	36	28 April.
Bruckner, A., Aix-la-Chapelle, Germany. (See P. R. Hudson, No. 17881.)				
Budge, G. S., Auckland, N.Z. Music leaf-turner ..	16781	11 Aug., 1903 ..	49	9 June.
Burt, A., Dunedin, N.Z. Cored cartridge-making machine ..	17756	8 April ..	36	28 April.*
Bussey, T. H., and another, Charters Towers, Q. Egg-beater ..	17720	31 Mar. ..	36	28 April.
Butchart, M. H., Prahara, Vic. Basket-cover ..	17852	29 April ..	45	26 May.*
Butler, C., Gisborne, N.Z. Washing-machine ..	17338	3 Dec., 1903 ..	54	23 June.
Cable, W., and another, Wellington, N.Z. Fire-bridge for steam-boiler	18051	16 June ..	59	7 July.*
Cameron, E. A., and another, Invercargill, N.Z. Travelling-race ..	17731	30 Mar. ..	36	28 April.*
Campbell, J., Christchurch, N.Z. Substitution of steel and iron for weatherboards	17985	30 May ..	..	..
Campbell, J. P., Wellington, N.Z. Electrical measuring-instrument. (F. Conrad)	17875	5 May ..	49	9 June.
Campbell, J. P., Wellington, N.Z. Mixing-valve for explosive engine. (L. A. Merkt)	17947	25 May ..	54	23 June.
Campbell, J. P., Wellington, N.Z. Electrical brush-holder. (R. Siegfried and C. B. Mills)	18016	9 June ..	59	7 July.
Campbell, J. P., Wellington, N.Z. Dynamo electric machine. (H. Chitty)	18063	21 June ..	62	21 July.
Campbell, J. P., Wellington, N.Z. Rotary electric machine. (H. Chitty)	18066	21 June ..	62	21 July.
Campbell, W. E., and another, Wanganui, N.Z. Driving-belt ..	18019	10 June ..	54	23 June.*
Campbell, W. E., and another, Wanganui, N.Z. Belting ..	17789	13 April ..	..	..
Card, F. S., and another, Denver, U.S.A. (See N. Guthridge, Limited, Nos. 17897, 17898, 17899.)				
Card, W. L., and another, Denver, U.S.A. (See N. Guthridge, Limited, Nos. 17897, 17898, 17899.)				
Carlaw, A. L., and others, Glasgow, Scotland. Numbering-machine	17997	1 June ..	59	7 July.
Carlaw, D., sen., and others, Glasgow, Scotland. Numbering-machine	17997	1 June ..	59	7 July.
Carlaw, D., jun., and others, Glasgow, Scotland. Numbering-machine	17997	1 June ..	59	7 July.
Carlaw, J. W., and others, Glasgow, Scotland. Numbering-machine	17997	1 June ..	59	7 July.
Carter, H., and another, Auckland, N.Z. Kauri-gum cleaner ..	17851	26 April ..	45	26 May.
Cartwright, G. J., Brisbane, Q. Burglar-alarm ..	17610	3 Mar. ..	36	28 April.*
Cartwright, G. J., Brisbane, Q. Smoke-consumer and fuel-economiser	17945	25 May ..	54	23 June.
Cavenaugh, R. W., New York, U.S.A. (See The Hygienic Soap Granulator Company, Limited, No. 17528.)				
Ceipek, N., Vienna, Austria. Explosive compound ..	17867	3 May ..	49	9 June.
Cheal, P. E., Auckland, N.Z. Self-fastening buckle ..	17761	7 April ..	36	28 April.*
Cheverton, G., and another, Hobart, Tas. Export-package ..	17887	9 May ..	49	9 June.*
Chitty, H., London, Eng. (See J. P. Campbell, Nos. 18063, 18066.)				
Christenson, A. L., Stockholm, Sweden. (See Aktiebolaget Sveasparatorn, No. 17948.)				
Christie, A., Newcastle, N.S.W. Butter sizing and printing machine	18007	4 June ..	59	7 July.
Church, G. F., Lauriston, N.Z. Hedge-cutter knife ..	17015	23 Sept., 1903 ..	49	9 June.
Churchill-Otton, S., Melbourne, Vic. Telephone diaphragm ..	17723	31 Mar. ..	36	28 April.
Churchill-Otton, S., and another, Melbourne, Vic. Table-cricket ..	17837	27 April ..	42	12 May.*
Clare, S. F., Campbelltown, N.Z. Axe ..	17461	9 Jan. ..	45	26 May.
Clare, S. F., Campbelltown, N.Z. Axe ..	17903	4 May ..	54	23 June.
Clare, S. F., Gisborne, N.Z. Axe ..	17962	20 May ..	49	9 June.*
Clark, L., Hobsonville, N.Z. (See R. O. Clark, jun., No. 17932.)				
Clark, R. O., jun., Hobsonville, N.Z. Flanging drain-pipes. (L. Clark)	17932	17 May ..	..	..
Claussen, N. H., Copenhagen, Denmark. Manufacture of English beers	17771	13 April ..	42	12 May.
Clement, W. H., Ealing, N.Z. Water-race plough ..	18069	20 June ..	59	7 July.*
Coakley, J. J., and another, Geraldton, W.A. Expansive road-wheel	17603	2 Mar. ..	54	23 June.
Cobb, J. H., Christchurch, N.Z. Tobacco-plug holder and cutter. (J. Lloyd)	16291	29 April, 1903 ..	42	12 May.
Cohn, H., and another, London, Eng. Converting ironsand into briquettes	16978	16 Sept., 1903 ..	45	26 May.
Cole, G. L., Wellington, N.Z. Bottle sprinkler-attachment ..	16742	5 Aug., 1903 ..	45	26 May.
Coleman, C. W., Westfield, U.S.A. (See Hall Signal Company, No. 17917.)				
Conrad, F., Edgewood Park, U.S.A. (See J. P. Campbell, No. 17875.)				
Cook. (See Cornwall-Cook.)				
Coop, J., Kaituna, N.Z. Traversing feeder to sheep-dip ..	17908	14 May ..	..	..
Cooper, C., Mangatoki, N.Z. Milk-weigher ..	17288	25 Nov., 1903 ..	45	26 May.
Cooper, F., Christchurch, N.Z. Tip-wagon ..	17941	21 May ..	49	9 June.*
Cooper, F., Christchurch, N.Z. Loading road-trucks with metal ..	17942	21 May ..	49	9 June.*
Corbett, F. J., S. Yarra, Vic. (See E. Dugan, No. 17921.)				
Corin, H. M., and another, Auckland, N.Z. Socket-pipes ..	18090	25 June ..	..	..
Cornwall-Cook E., Hawthorn, Vic. Ticket-puncher ..	17885	5 May ..	45	26 May.*
Colonel, A. S., Sydney, N.S.W. Window-furniture. (R. B. Wells)	17383	17 Dec., 1903 ..	36	28 April.
Cotton, F., Hornsby, N.S.W. Gas-furnace ..	16619	8 July, 1903 ..	42	12 May.

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Coverdale, T., and another, Christchurch, N.Z. Latch-lock ..	17119	19 Oct., 1903 ..	54	23 June.
Cowley, J. T., Boston, U.S.A. (See Planters' Compress Company, No. 17766.)				
Cowper, F. H. W., Wellington, N.Z. Coat-suspender. (F. Broad) ..	17825	25 April ..	42	12 May.*
Crook, W. R., Auckland, N.Z. Tire-cover ..	17963	21 May ..	54	23 June.*
Croxford, C., and others, Dunedin, N.Z. Shot-making machine ..	16303	1 May, 1903 ..	49	9 June.
Croxford, G., and others, Dunedin, N.Z. Shot-making machine ..	16303	1 May, 1903 ..	49	9 June.
Currie, A., Springhills, N.Z. Post-hole borer ..	16916	4 Sept., 1903	54	23 June.
Dall, W., Dunedin, N.Z. Voting-register ..	18111	30 June ..	62	21 July.*
Daniel, A. J., and another, Petone, N.Z. Treating offal ..	17797	18 April ..	42	12 May.*
Davidson, D. P., Pahiatua, N.Z. Milk-weighing machine ..	17999	7 June ..	54	23 June.*
Davidson, J. B. R., and another, Yarragon, Vic. Wire winder and strainer	17877	6 May ..	45	26 May.*
Davies, J., Auckland, N.Z. Apparatus for putting down concrete beneath water	18058	18 June ..	59	7 July.*
Davis, F., Melbourne, Vic. (See N. Hill, No. 17635.)				
Davis, W., Te Aroha, N.Z. Table-cricket ..	18024	8 June ..	54	23 June.*
Day, S. H., Waverley, N.Z. Bucket-handle ..	17652	14 Mar. ..	36	28 April.*
Day, S. H., Waverley, N.Z. Wool-skein holder ..	18060	21 June ..	62	21 July.*
Dean, T. M., and another, Purau, N.Z. Flooring-cramp ..	17881	25 April ..	42	12 May.*
De la Haye, P. J., New Plymouth, N.Z. Bicycle-stand ..	18108	28 June ..		
De Lisle, De B., and another, Gisborne, N.Z. Branding-composition	17464	18 Jan. ..	45	26 May.
Dennison, F. R., Oamaru, N.Z. Seed-separating machine ..	17815	21 April ..	45	26 May.
Deutsch, I., Montreal, Canada. (See Electric and Train-lighting Syndicate, Limited, Nos. 17951, 17952, 17953.)				
Devereux, W. R., Christchurch, N.Z. Cow-cover ..	18033	13 June ..	54	23 June.*
Devine, P. J., Yarragon, Vic. Pig-trough ..	18095	24 June ..	59	7 July.*
Dewhurst, A. S., Horoeoka, N.Z. Brooch-pin ..	16833	21 Aug., 1903 ..	59	7 July.
Dickason, J., Apollo Bay, Vic. Cycle-driving gear ..	17758	8 April ..	42	12 May.
Divine, A., New Plymouth, N.Z. Advertising-exhibitor and newspaper-file	17964	25 May ..		
Douglas, J. D., Auckland, N.Z. Dredging machinery ..	17879	3 May ..	45	26 May.*
Dovalosky, F., Invercargill, N.Z. Hairpin ..	17927	17 May ..	49	9 June.*
Dovalosky, F., Invercargill, N.Z. Hairpin ..	18105	28 June ..	59	7 July.*
Droulege, H., and another, Auckland, N.Z. Advertising	17820	20 April ..		
Duffy, C. J., Sydenham, N.Z. Billiard-table ..	16690	27 July, 1903 ..	45	26 May.
Dugan, E., S. Yarra, Vic. Power-transmitting mechanism. (F. J. Corbett)	17921	19 May ..	49	9 June.*
Duncan, Limited, P. and D., Christchurch, N.Z. Wagon. (J. Keir)	18042	14 June ..	54	23 June.*
Dunlop, M. P., and another, Malvern, Vic. Table-cricket ..	17837	27 April ..	42	12 May.*
Dunn, B. F., Auckland, N.Z. Scouring river-bottoms ..	17900	11 May ..	45	26 May.*
Dunn, D., Oamaru, N.Z. Wheel-jack ..	18061	21 June ..		
Dunne, R., Dunedin, N.Z. Non-refillable bottle ..	17967	23 May ..	49	9 June.*
Dunne, R., Dunedin, N.Z. Mitre-cutter bar and stop ..	16662	16 July, 1903 ..	54	23 June.
Dunstan, J., and another, Auckland, N.Z. Method of advertising ..	18109	29 June ..		
Dutch, W. A. J., Wellington, N.Z. Milk-pasteuriser ..	17969	30 May ..	49	9 June.*
Eckersley, A. J. L., Melbourne, Vic. High-pressure reservoir-controller	17721	31 Mar. ..	36	28 April.
Eckersley, J., and another, Wellington, N.Z. Fire-bridge for steam-boiler	18051	16 June ..	59	7 July.*
Eddy, P., Mangere, N.Z. Hedge-clipper ..	17994	1 June ..		
Eggleton, A. J., Dunedin, N.Z. Flower-pot ..	17858	25 April ..	45	26 May.
Electric and Train-lighting Syndicate, Limited, Montreal, Canada. Dynamo. (I. Deutsch)	17951	25 May ..		
Electric and Train-lighting Syndicate, Limited, Montreal, Canada. Electric-machine brush-holder. (I. Deutsch)	17952	25 May ..		
Electric and Train-lighting Syndicate, Limited, Montreal, Canada. Voltage-controller (I. Deutsch)	17953	25 May ..		
Elers, K. F., Pittsburg, U.S.A. (See J. T. Hunter, No. 18015.)				
Elvines, E., and another, Wellington, N.Z. Non-siltable mat ..	17889	10 May ..	45	26 May.*
Emling, W., and another, St. Louis, U.S.A. Pulley driving-gear ..	17949	25 May ..	54	23 June.
Evans, J. J., and another, Mititai, N.Z. Kauri-gum cleaner ..	17851	26 April ..	45	26 May.
Fahey, J., Balmain, N.S.W. Explosive compound ..	17954	25 May ..	49	9 June.*
Farley, W. J., and others, Perth, W.A. Reversible rotary-engine ..	18078	23 June ..	62	21 July.
Faulkner, J. W., and others, Dunedin, N.Z. Life-saving attachment for tram car	17929	16 May ..	49	9 June.*
Faulkner, J. S., and others, Dunedin, N.Z. Life-saving attachment for tram-car	17929	16 May ..	49	9 June.*
Faulkner, W. H., and others, Dunedin, N.Z. Life-saving attachment for tram-car	17929	16 May ..	49	9 June.*
Featou, E. H., Gisborne, N.Z. Torpedo-boat armour ..	18055	17 June ..	59	7 July.*
Fenwick, F., and another, East Oxford, N.Z. Wire-coiler ..	16830	21 Aug. ..	45	26 May.
Fenwick, R., and another, East Oxford, N.Z. Wire-coiler ..	16830	21 Aug., 1903 ..	45	26 May.
Field, E., London, Eng. (See The New Century Engine (Foreign Patents) Company, Limited, No. 17769.)				
Flamboy, La. (See under L.)				
Flood, E. T., Wellington, N.Z. Fire-kindler ..	17987	1 June ..	54	23 June.*
Foley, M., and another, Auckland, N.Z. Advertising ..	17820	20 April ..		
Ford, A. W., Tallangatta, Vic. Table-football ..	18035	15 June ..	54	23 June.*
Forsberg, E. A., and another, Stockholm, Sweden. Link-blade liner	17843	27 April ..	45	26 May.
Fowler, G. H., Aylesbury, N.Z. Bird-trap ..	17816	21 April ..	42	12 May.*
Fowler, J. W., Whangarei Heads, N.Z. Electric sock ..	18017	9 June ..	54	23 June.*
Fox, G., and another, London, Eng. Manufacture of bricks ..	17270	19 Nov., 1903 ..	36	28 April.
Fox, J. C., London, Eng. (See The Morgan Crucible Company, Limited, Nos. 17776, 17777.)				
Fraser, W. G., Dunedin, N.Z. Life-guard for trams, &c. ..	17759	8 April ..	36	28 April.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Frasier, W., Lynn, U.S.A. (See United Shoe Machinery Company, No. 17835.)				
Frengley, J. P., Auckland, N.Z. Sewage-distributor ..	17782	14 April ..	36	28 April.*
Frengley, J. P., Auckland, N.Z. Treatment of sewage ..	18081	24 June ..	59	7 July.*
Fry, H. A., Riwaka, N.Z. Teaching young calves to drink ..	17865	18 May ..	45	26 May.*
Fussell, J., and others, Doyleston, N.Z. Elevator-belt tension-regulator	17806	19 April ..	42	12 May.*
Gallagher, J., Auckland, N.Z. Temperature-indicator and fire-alarm	17996	4 June ..	..	..
Gardiner, F. W., Wellington, N.Z. Piano-attachment ..	17870	4 May ..	..	..
Garland, T., Wellington, N.Z. Boot-and-shoe display-bracket (H. L. Mence)	17976	31 May ..	49	9 June.*
Gare, T., New Brighton, Eng. Wheel for vehicle-pulley ..	17989	1 June ..	59	7 July.
Gavin, P., Matahiti Station, N.Z. Window-fastener ..	16545	2 June, 1903..	42	12 May.
Gentles, H. J., Auckland, N.Z. Wash-up mop ..	16859	26 Aug., 1903..	54	23 June.
Georgetti, A., Wanganui, N.Z. Fencing-dropper ..	17772	13 April ..	36	28 April.*
Gillies, A. W., Georgetown, N.Z. Shifting spanner ..	18083	24 June ..	59	7 July.*
Gillow, E., Westport, N.Z. Drawing-board, easel, and T-square ..	16969	12 Sept., 1903..	54	23 June.
Gilruth, J. A., Wellington, N.Z. Production of lactic fermentation	17940	23 May ..	49	9 June.*
Goddu, G., Winchester, U.S.A. (See United Shoe Machinery Company, No. 17922.)				
Gordon, F. E. A., Bluff, N.Z. (See E. D. Richards, No. 17893.)				
Gordon, W., and another, Boston, U.S.A. (See United Shoe Machinery Company, No. 17841.)				
Gough, F., German Creek, N.Z. Milk-strainer ..	16820	19 Aug., 1903..	45	26 May.
Grace, G. A., Ballarat East, Vic. Obtaining address-slips ..	17811	21 April ..	42	12 May.*
Grainger, A., Taihape, N.Z. Destroying noxious weeds ..	17901	11 May ..	45	26 May.*
Grave, W. G., Oamaru, N.Z. Securing animal-cover ..	18101	30 June ..	..	..
Gray, J., Dunedin, N.Z. Seed-sower ..	16528	19 June, 1903..	49	9 June.
Gray, J., Dunedin, N.Z. Seed-sower ..	17968	30 May ..	54	23 June.
Gray, W., Whakapara, N.Z. Monkey-wrench ..	18094	28 June ..	..	..
Greatrex and Son, C., Walsall, Eng. (See A. Little, No. 17812.)				
Green, W., Tamworth, N.S.W. Drawing-board ..	17808	21 April ..	42	12 May.
Greig, W. C., and another, Wellington, N.Z. Paper bag. (J. Laird and Sons)	17913	17 May ..	..	..
Grimmer, G., Auckland, N.Z. Spark-arrester ..	18089	27 June ..	59	7 July.*
Gröndal, G., Djursholm, Sweden. Cement-burning furnace	17842	27 April ..	45	26 May.
Grosvenor, C., Auckland, N.Z. Making paper fireproof ..	18014	6 June ..	54	23 June.*
Grundy, A. O., Onehunga, N.Z. Thimble ..	17804	19 April ..	42	12 May.*
Gruss, W. J., Kalgoolie, W.A. Vaginal syringe ..	17781	14 April ..	42	12 May.
Guerrieri. (See Battaglia-Guerrieri.)				
Gunthorp, H., Dunedin, N.Z. Inhaling anaesthetics ..	16508	15 June, 1903..	36	28 April.
Guthridge (Limited), N., Melbourne, Vic. Ore-concentrator. (W. L. and F. S. Card)	17899	11 May ..	45	26 May.*
Guthridge (Limited), N., Melbourne, Vic. Ore-concentrator. (W. L. and F. S. Card)	17897	11 May ..	49	9 June.
Guthridge (Limited), N., Melbourne, Vic. Ore-concentrator. (W. L. and F. S. Card)	17898	11 May ..	49	9 June.
Hadaway, J. B., Brockton, U.S.A. (See United Shoe Machinery Company, No. 17840.)				
Haigh, T. G., and another, Linwood, N.Z. Laundry iron-stand ..	18003	7 June ..	54	23 June.*
Hale, W., Melbourne, Vic. Go-cart ..	17719	31 Mar. ..	36	28 April.
Hall Signal Company, New York, U.S.A. Signal-apparatus. (C. W. Coleman)	17917	18 May ..	54	23 June.
Hall, T., and another, Wellington, N.Z. Non-siltable mat ..	17889	10 May ..	45	26 May.*
Hammerich, F. C. H., Onehunga, N.Z. Actuating roundabout ..	17765	12 April ..	36	28 April.*
Hancox, W. G., Petone, N.Z. Tin-handle ..	16374	19 May, 1903 ..	36	28 April.
Hannay, J. B., Loch Long, N.B. Anti-fouling composition for ships	18036	15 June ..	..	..
Harding and Billing, Auckland, N.Z. (See H. T. Harding and A. F. Billing, No. 17829.)				
Harding, H. T., and another, Auckland, N.Z. Advertising puzzle ..	17829	25 April ..	42	12 May.
Harding, J. M., Auckland, N.Z. Water-tube furnace ..	17700	23 Mar. ..	36	28 April.*
Hardley, J. W., and another, Hamilton, N.Z. (See J. T. Hunter, No. 17978.)				
Hardley, S., and another, Hamilton, N.Z. (See J. T. Hunter, No. 17978.)				
Hardy, A. R., Dunedin, N.Z. Grate ..	17784	12 April ..	36	28 April.*
Hardy, A. R., Dunedin, N.Z. Sash mover lock and alarm ..	17785	12 April ..	36	28 April.*
Hardy, A. R., and another, Dunedin, N.Z. Sash-mover and lock ..	17786	12 April ..	36	28 April.*
Hare, P. R., and another, Bromley, Eng. Fermentation of liquids	17795	14 April ..	..	..
Harkins, T., Auckland, N.Z. Tin bottom and top fixer ..	17850	26 April ..	45	26 May.
Harrington, N. T., Detroit, U.S.A. (See Old's Motor Works, No. 18023.)				
Harris, J., and another, Purau, N.Z. Flooring-cramp ..	17831	25 April ..	42	12 May.*
Harris, J. T., Invercargill, N.Z. Boot-lace fastening ..	17914	12 May ..	45	26 May.*
Harrison, H., Christchurch, N.Z. Jig-saw machine ..	17939	21 May ..	49	9 June.*
Harrison, J. H., and another, North Melbourne, Vic. Hand-shears	17894	11 May ..	45	26 May.*
Harrison, P., Terang, Vic. Horse-rug fastening ..	17750	6 April ..	31	14 April.*
Harvey, R. W., Invercargill, N.Z. Preserving timber ..	17678	18 Mar. ..	49	9 June.*
Haxton, W. A., Carterton, N.Z. Milk-cooler ..	16581	3 July, 1903 ..	36	28 April.
Hay, J. B., and another, Petone, N.Z. Treating offal ..	17797	18 April ..	42	12 May.*
Hay, J. K., Palmerston North, N.Z. Clothes-horse ..	18040	15 June ..	..	..
Haye, de la. (See under D.)				
Hill, N., Auckland, N.Z. Wire-mattress holder. (F. Davis)	17635	5 Mar. ..	36	28 April.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Hinchey, W., Waiau, N.Z. Hair-curler	18080	23 June ..	59	7 July.*
Hodge, J. H., and another, Sydney, N.S.W. Fire-extinguisher ..	17807	20 April ..	45	26 May.
Hogan, M., Wanganui, N.Z. Bicycle-stand	17791	15 April ..	..	..
Holford, G., Auckland, N.Z. Trouser-stretcher	16704	29 July, 1903 ..	45	26 May.
Hooke, C., Wellington, N.Z. Candle-extinguisher	17587	8 April ..	36	28 April.*
Hooper, E., Dunedin, N.Z. Easel attachment to desk	17943	23 May ..	54	23 June.
Horrocks, L. B., Wellington, N.Z. Window-sustainer	17774	13 April ..	42	12 May.*
Hoverd, H., and another, Auckland, N.Z. Stay for keeping trunk-lid open ..	17780	11 April ..	36	28 April.*
Hoverd, H., and another, Auckland, N.Z. Fire-cover	17933	17 May ..	49	9 June.*
Howard, J., Chatswood, N.S.W. Machine-shears	17836	27 April ..	45	26 May.
Howcroft, J., Moonee Ponds, Vic. Machine milking-appliance ..	17863	2 May ..	45	26 May.*
Hubbard, C. R., Waipori, N.Z. Gold-saving matting	17854	25 April ..	42	12 May.*
Hudson, P. R., Sydney, N.S.W. Construction of walls. (A. Bruckner)	17881	7 May ..	45	26 May.*
Hughes, W. E., Wellington, N.Z. Turbine. (G. Westinghouse) ..	17778	14 April ..	42	12 May.
Hughes, W. E., Wellington, N.Z. Cooling-apparatus. (M. Leblanc)	17844	27 April ..	45	26 May.
Hughes, W. E., Wellington, N.Z. Friction gearing. (Nurnberger Motor-Fahrzeuge Fabrik "Union" G.m.b.H.—L. Maurer)	16719	31 July, 1903 ..	49	9 June.
Hughes, W. E., Wellington, N.Z. Friction gearing. (Nurnberger Motor-Fahrzeuge Fabrik "Union" G.m.b.H.—L. Maurer)	16720	31 July, 1903 ..	49	9 June.
Hughes, W. E., Wellington, N.Z. Electrical distribution. (The British Westinghouse Electric and Manufacturing Company, Limited—P. M. Lincoln)	17599	2 Mar. ..	49	9 June.
Hughes, W. E., Wellington, N.Z. Apparatus for varying voltage of alternating currents. (The British Westinghouse Electric and Manufacturing Company, Limited—H. R. Stuart)	17872	4 May ..	49	9 June.
Hughes, W. E., Wellington, N.Z. Electrical distribution. (The British Westinghouse Electric and Manufacturing Company, Limited—J. S. Peck)	17619	5 Mar. ..	54	23 June.
Hunter, J. T., Wellington, N.Z. Securing cover of night-soil pan. (J. W. and S. Hardley)	17978	31 May ..	49	9 June.*
Hunter, J. T., Wellington, N.Z. Combustion-engine igniter. (C. Regenbogen and E. Ruud)	18041	15 June ..	62	21 July.
Hunter, J. T., Wellington, N.Z. Electric-generator current-collector. (K. F. Elers)	18015	9 June ..	59	7 July.
Hutcheson, J., and others, Wellington, N.Z. Releasing snatch-block ..	17904	12 May ..	..	..
Hutchinson, F. J. S., Charters Towers, Q. Cleansing fluid ..	17728	5 April ..	49	9 June.
Hygienic Soap Granulator Company, Limited, The London, England. Soap-mould. (R. W. Cavenaugh)	17528	9 Feb. ..	49	9 June.
Imbert, A. H., Grand-Montrouge, France. Extracting zinc and lead ..	18112	30 June ..	..	..
Irving, R., and another, Carlton, Vic. Acetylene-generator ..	18075	23 June ..	59	7 July.*
Jack, A., and another, Wellington, N.Z. Combined ball-cock and stop-valve ..	17834	27 April ..	42	12 May.*
Jackson, A. G., Brisbane, Q. Balance window-sash	18062	16 June ..	..	..
Jaehn, C. F., and another, St. Louis, U.S.A. Pulley-driving gear ..	17949	25 May ..	54	23 June.
Jagusch, F. O. R., Auckland, N.Z. Carpet-beater	17803	15 April ..	42	12 May.
James, H. G., Dulwich, Eng. Lamp-wick	18037	15 June ..	54	23 June.*
James, R., Ashhurst, N.Z. Cooking-appliance	16755	6 Aug., 1903 ..	49	9 June.
Jamison, J., Dunedin, N.Z. Sash-adjuster	17859	26 April ..	45	26 May.
Jamison, J., Dunedin, N.Z. Lift-door and life-saving apparatus ..	17880	3 May ..	49	9 June.
Jamison, J., Dunedin, N.Z. Reading desk and table	17930	16 May ..	54	23 June.
Jenkins, C. V., Lower Hutt, N.Z. Producing optical effects ..	17745	7 April ..	31	14 April.*
Jerger, H., and another, Burnie, Tas. Feeding-funnel	17873	2 May ..	..	..
Johanson, E., and another, Kumara, N.Z. Vehicle-bearing ..	17925	19 May ..	49	9 June.
Johanson, C., and another, Kumara, N.Z. Vehicle-bearing ..	17925	19 May ..	49	9 June.
Johns, E., and another, Auckland, N.Z. Nightsoil and refuse pan ..	18086	23 June ..	59	7 July.*
Johnson, G., and another, Bromley, Eng. Fermentation of liquids ..	17795	4 May, 1903† ..	..	..
Johnson, J. T., and another, Battery Point, Tas. Export-package ..	17887	9 May ..	49	9 June.*
Johnson, W., and another, Wellington, N.Z. Building-cornice ..	17861	30 April ..	45	26 May.*
Jones, H., Ascot Vale, Vic. Ore-crusher	16797	14 Aug., 1903 ..	49	9 June.
Jones, G. S., Oamaru, N.Z. Envelope	17847	26 April ..	..	..
Joyce, A., and another, Sydney, N.S.W. Feeding-funnel	17873	2 May ..	..	..
Kahlenberg, P., Dunedin, N.Z. Umbrella-tip retainer	16605	6 July, 1903 ..	42	12 May.
Keir, J., Sydenham, N.Z. (See P. and D. Duncan, Limited, No. 18042.)				
Keith, J. S., and others, Wellington, N.Z. Releasing snatch-block ..	17904	12 May ..	..	..
Kelly, J. D., Wellington, N.Z. (See M. A. E. Kelly, No. 17747.)				
Kelly, M. A. E., Wellington, N.Z. Tobacco-pipe cleaning-apparatus. (J. D. Kelly)	17747	8 April ..	36	28 April.*
Kendrick, T., Dunedin, N.Z. Hand-truck	17821	21 April ..	42	12 May.*
Kennedy, C., Hobart, Tas. Box	17823	25 April ..	42	12 May.*
Keogh, W. T., Dunedin, N.Z. Urn	18013	4 June ..	54	23 June.*
Kidd, C. C., and another, Spring Hills, N.Z. Ditch-plough ..	16813	14 Aug., 1903 ..	49	9 June.
Kilckmann, A., and another, Wellington, N.Z. Gambrel	17796	18 April ..	45	26 May.*
Kilkelly, P., and another, Grove Bush, N.Z. Ditch-plough ..	16813	14 Aug., 1903 ..	49	9 June.
Kilkelly, T., and another, Grove Bush, N.Z. Belt-fastener ..	16810	14 Aug., 1903 ..	59	7 July.
Kilkelly, M. J., and another, Grove Bush, N.Z. Belt fastener ..	16810	14 Aug., 1903 ..	59	7 July.
King, J., Ashhurst, N.Z. Non-refillable bottle	17833	27 April ..	42	12 May.*
King, J., and another, Ashhurst, N.Z. Washer	17884	7 May ..	49	9 June.*
King, J. H., Sydney, N.S.W. Massage apparatus. (J. C. Oakman—L. Synder)	17895	11 May ..	49	9 June.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
La Flamboy, H. C., Detroit, U.S.A. Match-making machine ..	17770	13 April ..	45	26 May.
Laird and Sons, J., Glasgow, Scotland. (See E. G. F. Zohrab and W. C. Greig, No. 17913.)				
Lajoie, J. P., Paris, France. Motor ..	17516	2 Feb. ..	45	26 May.
Lamp Manufacturing Company, Limited, The London, Eng. Lantern. (W. H. I. Welch)	17928	17 May ..	49	9 June.
Langevad, V. A., Dunedin, N.Z. Book-holder ..	18104	27 June ..	59	7 July.*
Lappan, A., Annandale, N.S.W. Riding-saddle ..	16866	27 Aug., 1903..	49	9 June.
Larke, J. S., Sydney, N.S.W. Book-holder ..	17918	12 May ..	49	9 June.
Lattey, H. F., and another, Dunedin, N.Z. Bracket ..	16564	26 June, 1903	36	28 April.
Laugher, H. M., and another, Sydney, N.S.W. Enabling cars to travel over lines of varying gauges. (R. Massey)	18056	17 June ..	62	21 July.
Lawrence, W. H., Glasgow, Scotland. (See B. Bodycomb, No. 16676.)				
Lawrence, F., and another, Melbourne, Vic. Acetylene-generator ..	18075	23 June ..	59	7 July.*
Leblanc, M., Paris, France. (See W. E. Hughes, No. 17844.)				
Lightband, H., Christchurch, N.Z. Tire-cover ..	17548	17 Feb. ..	45	26 May.
Lincoln, P. M., Pittsburg, U.S.A. (See W. E. Hughes, No. 17599.)				
Lindsay, A. J., Hobsonville, N.Z. Flanging pipes ..	18057	18 June ..	59	7 July.*
Lindsay, J., Dunedin, N.Z. Dust, &c., excluder for door ..	16651	17 July, 1903 ..	59	7 July.
Linke, J. F., and another, Yellangip, Vic. Disc-plough ..	17717	31 Mar. ..	42	12 May.
Lisle. (See de Lisle.)				
Little, A., Wellington, N.Z. Saddle. (C. Greatrex and Son, Limited)	17812	21 April ..	42	12 May.*
Ljungström, B., and another, Stockholm, Sweden. Link-blade liner	17843	27 April ..	45	26 May.
Lloyd, J., Westport, N.Z. (See J. H. Cobb, No. 16291.)				
Lobnitz, F., Renfrew, Scotland. Dredger ..	17802	16 April ..	45	26 May.
Lowthen, W. H., and another, Noble Estate, Q. Totalisator ..	17974	31 May ..	49	9 June.*
Lowthen, W. H., and another, Noble Estate, Q. Totalisator ..	17975	31 May ..	..	..
Lund, J. G. F., Christiania, Norway. Flooring ..	17741	6 April ..	42	12 May.
Luttrell, E. V., and another, Gisborne, N.Z. Branding-composition	17464	18 Jan. ..	45	26 May.
Macalister, J., Invercargill, N.Z. Engine-tractor and chaff cutter and bagger	18073	17 June ..	59	7 July.*
Macalister, J., Invercargill, N.Z. Tractor and chaff cutter and bagger combined	17762	6 April ..	42	12 May.*
Mackay, W., and another, Dunedin, N.Z. Flax treating ..	17906	11 May ..	45	26 May.*
Mackie, J. H., Auckland, N.Z. (See G. R. Ogle, No. 16562.)				
Madden, W., and another, Auckland, N.Z. Stay for keeping trunk-lid open	17780	11 April ..	36	28 April.*
Mainland, H. L., Burkes, N.Z. Gold-dredging appliance ..	17998	2 June ..	59	7 July.
Manning, E. W., and another, Auckland, N.Z. Method of advertising	18109	29 June ..	..	..
Manson, H. J., Palmerston North, N.Z. Tramway-door ..	16611	10 July, 1903 ..	49	9 June.
Mapp, T. H., Sydney, N.S.W. Treating forage ..	17734	5 April ..	36	28 April.
Mapp, T. H., Sydney, N.S.W. Hydraulic press ..	17735	5 April ..	42	12 May.
Marks, L., New Plymouth, N.Z. Trouser stiffener ..	17768	11 April ..	42	12 May.
Marsh, R. F., East Maitland, N.S.W. Washing-machine ..	17988	1 June ..	..	..
Martin, W. E., Stamford Baron, Eng. Hay-turner ..	17866	8 June, 1903†	49	9 June.
Massey, R., Sydney, N.S.W. (See A. R. Angus and H. M. Laugher, No. 18056.)				
Masters, A., and another, Invercargill, N.Z. Preparation for destroying white-pine grub	18001	7 June ..	59	7 July.
Maurer, L., Nuremberg, Germany. (See W. E. Hughes, Nos. 16719, 16720.)				
May, E. G., St. Auburns, N.Z. Door-holder ..	17979	31 May ..	62	21 July.
May, T. W., Auckland, N.Z. Flush-tap ..	16600	8 July, 1903..	45	26 May.
May, T. W., Auckland, N.Z. Flusher ..	17944	19 May ..	49	9 June.*
Mayo, B. F., Salem, U.S.A. (See United Shoe Machinery Company, No. 17839.)				
McCallum, A. C., and another, Perth, W.A. Expansive road-wheel	17603	2 Mar. ..	54	23 June.
McClellan Arms and Ordnance Company, Cleveland, U.S.A. Counteracting recoil in gun. (S. N. McClellan)	17801	19 April ..	45	26 May.
McClellan, S. N., Cleveland, U.S.A. (See McClellan Arms and Ordnance Company, No. 17801.)				
McClure, H., Drummond, Vic. Culinary utensil ..	17737	6 April ..	42	12 May.
McCombs, J., Christchurch, N.Z. Fountain-pen ..	18004	6 June ..	54	23 June.*
McDonald, A. M., Wellington, N.Z. Prevention of stopping in tobacco-pipe	18088	27 June ..	59	7 July.*
McDonald, R. J., Devonport, N.Z. Manufacturing of boots and shoes	18082	24 June ..	59	7 July.*
McDonald, T., Lumsden, N.Z. Revolving skim-coulter ..	17936	18 May ..	49	9 June.*
McDougall, F., Wellington, N.Z. Potato-harvester ..	17742	6 April ..	31	14 April.*
McFeely, R. F., Beverly, U.S.A. (See United Shoe Machinery Company, No. 16817.)				
McGillivray, R., jun., Oamaru, N.Z. Fencing-standard ..	18005	2 June ..	59	7 July.*
McIlwrick, W. M., and another, Melbourne, Vic. Hand-shears ..	17894	11 May ..	45	26 May.*
McKenzie, D., Auckland, N.Z. Wire-woven mattress ..	17931	17 May ..	49	9 June.*
McKinna, K. S., Collingwood, N.Z. Hat-pin retainer ..	17876	6 May ..	45	26 May.*
McLeod, A., Wellington, N.Z. Diving-dress ..	17910	16 May ..	45	26 May.*
McLeod, M. E., Sale, Vic. Dress-chart ..	16183	4 April, 1903	59	7 July.
McMiken, S. D., and another, Komata, N.Z. Material-circulator..	17982	25 May ..	54	23 June.*
McMullen, G., Perth, W.A. Collapsible shutter ..	17832	27 April ..	42	12 May.
McMurrich, D., Wellington, N.Z. Fire-bar ..	17853	29 April ..	45	26 May.
McPharlin, A. J., Auckland, N.Z. Gum-catching apparatus ..	16879	28 Aug., 1903 ..	36	28 April.
McPharlin, A. J., Auckland, N.Z. Kauri-gum bag ..	17059	3 Oct., 1903 ..	36	28 April.
McQueen, J., and others, Dunedin, N.Z. Shot-making machine ..	16303	1 May, 1903 ..	49	9 June.
Meek, J., Dunedin, N.Z. Vehicle safety-appliance ..	17755	7 April ..	36	28 April.*
Meinung, H. M., Dunedin, N.Z. Tidal-water power-generator ..	17814	21 April ..	54	23 June.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Melton, B. W. M., Waimate, N.Z. Supporting catamenial sac ..	17775	12 April ..	36	28 April.*
Mence, H. L., Wellington, N.Z. (See T. Garland, No. 17976.)				
Merk, L. A., London, Eng. (See J. P. Campbell, No. 17947.)				
Merrett, J. A., Wellington, N.Z. Cylinder-dryer ..	17638	9 Mar. ..	36	28 April.
Merrett, J. A., Wellington, N.Z. Door-hinge ..	18052	16 June ..	62	21 July.
Mills, C. B., and another, Wilksburg, U.S.A. (See J. P. Campbell, No. 18016.)				
Mintrom, S., Woolston, N.Z. Dried-fruit cleaner ..	17827	25 April ..	42	12 May.*
Mitchell, H. E., Maungatua, N.Z. Mattress ..	17937	18 May ..	..	..
Mole, A., Fordsburg, Transvaal. Window-sash hanger ..	17715	31 Mar. ..	54	23 June.
Montgomery, H. H., and another, Invercargill, N.Z. Preparation for destroying grubs	18001	7 June ..	59	7 July.
Moore, G., New York, U.S.A. Filter ..	18099	30 June ..	62	21 July.
Morgan Crucible Company, Limited, The, London, Eng. Muffle. (J. C. Fox)	17776	14 April ..	42	12 May.
Morgan Crucible Company, Limited, The, London, Eng. Cupel. (J. C. Fox)	17777	14 April ..	42	12 May.
Morgan, J., Oamaru, N.Z. Attaching traces to whipple-trees ..	18067	21 June ..	59	7 July.*
Morgan, G., Dunedin, N.Z. Book-holder ..	18085	22 June ..	59	7 July.*
Morris, A., Clinton, N.Z. Waterproof dubbin ..	17890	25 April ..	45	26 May.*
Morris, T., Dunedin, N.Z. Fixing advertisement on shelf ..	17787	12 April ..	36	28 April.*
Morris, T., Dunedin, N.Z. Rainproof coat ..	17788	12 April ..	36	28 April.*
Morrison, J., Dunedin, N.Z. Insole ..	17878	30 April ..	45	26 May.*
Morrison, H. B., Singleton, N.S.W. Boot-heel ..	18074	23 June ..	62	21 July.*
Moss, E., Christchurch, N.Z. Coin-freed-operated machine ..	17862	29 April ..	42	12 May.*
Moss, E., Christchurch, N.Z. Coin-freed franking or stamping machine	18070	20 June ..	59	7 July.*
Mylin, A. H., and another, Lancaster, U.S.A. (See White-Mylin Furnace Company, No. 17800.)				
Nash, T. A., Christchurch, N.Z. Preventing guttering of candles ..	17826	25 April ..	42	12 May.*
Neiken, L., Melbourne, Vic. Heel-pad ..	17869	29 April ..	49	9 June.
New Century Engine (Foreign Patents) Company, Limited, The London, Eng. Engine-generator. (E. Field)	17769	13 April ..	45	26 May.
Newman, G. F., Peel Forest, N.Z. Harness-traces ..	18002	7 June ..	..	..
Nicholson, S., and another, Gore, N.Z. Tire ..	17909	16 May ..	45	26 May.*
Nicholson, S., Gore, N.Z. Spark-arrester and smoke-consumer ..	18012	8 June ..	54	23 June.*
Nikander, M., Christchurch, N.Z. Appliances for use by young children	18087	24 June ..	..	..
Noack, M. S., and another, Hopevale, Vic. Disc-plough ..	17717	31 Mar. ..	42	12 May.
Nolan, W. P., Port Chalmers, N.Z. Ticket-dater ..	16212	6 April, 1903 ..	45	26 May.
Normanby, A. M., Dunedin, N.Z. Ladies' protector ..	17934	18 May ..	49	9 June.*
North, T. M., Altrincham, Eng. Printing-machine ..	17845	15 May, 1903† ..	62	21 July.
Nurnberger Motor Fahrzeuge-Fabrik "Union," G.M.B.H., Nuremberg, Germany. (See W. E. Hughes, Nos. 16719 and 16720)				
Oakman, J. C., New York, U.S.A. (See J. H. King, No. 17895.)				
Ogle, G. R., Auckland, N.Z. Draught and dust excluder. (J. H. Mackie)	16562	25 June, 1903 ..	36	28 April.
Olden, O. L., and another, Ballarat, Vic. Extraction of gold ..	17810	21 April ..	..	..
Olds Motor Works, Detroit, U.S.A. Motor-vehicle. (N. T. Harrington)	18023	8 June ..	62	21 July.
Orwin, R., and another, Wellington, N.Z. Combined ball-cock and stop-valve	17884	27 April ..	42	12 May.*
Osborn, W., and another, Christchurch, N.Z. Window-sash lift ..	17883	6 May ..	49	9 June.*
Otto, C., and another, Dunedin, N.Z. Box ..	16307	2 May, 1903 ..	36	28 April.
Otton. (See Churchill-Otton.)				
Page, F. T., Dannevirke, N.Z. Shackle ..	18021	10 June ..	54	23 June.*
Paley, W. V., and another, Charters Towers, Q. Egg-beater ..	17720	31 March ..	36	28 April.
Park, A. J., Dunedin, N.Z. (See R. Wales, No. 17983.)				
Parker, A., Dannevirke, N.Z. Window-lock ..	17955	25 May ..	49	9 June.*
Parker, A., Dannevirke, N.Z. Draught and dust excluder for window-sash	17956	25 May ..	49	9 June.*
Parry, H. E., and others, Perth, W.A. Reversible rotary engine ..	18078	23 June ..	62	21 July.
Parsons, C. A., and another, Newcastle-on-Tyne, Eng. Dynamo electric machine	17946	25 May ..	54	23 June.
Paterson, F. W., Dunedin, N.Z. Vote-recorder ..	17915	14 May ..	45	26 May.*
Paterson, J., Gisborne, N.Z. Toasting-rack ..	17856	27 April ..	42	12 May.*
Paterson, J., and another, Thames, N.Z. Nightsoil and refuse pan	18086	23 June ..	59	7 July.*
Paterson, J., and another, Thames, N.Z. Socket-pipes ..	18090	25 June ..	62	21 July.*
Paterson, R., Balclutha, N.Z. Actuating lever-wheel of plough ..	16580	3 July, 1903 ..	36	28 April.
Paterson, H. H., and another, Junee, N.S.W. Rabbit-poisoning compound	17779	14 April ..	42	12 May.
Pearce, L., Fremantle, W.A. Sash-fastener ..	17990	1 June ..	59	7 July.
Pearson, J., Stafford, N.Z. Pruning-knife ..	18034	14 June ..	62	21 July.*
Peck, J. S., Pittsburg, U.S.A. (See W. E. Hughes, No. 17619.)				
Peddie, J. T., London, Eng. Sights and fittings for small-arms ..	17919	18 May ..	49	9 June.
Penrose, J., and another, Christchurch, N.Z. Window-sash lift	17883	6 May ..	49	9 June.*
Peters, G. A., Toronto, Canada. Target ..	18006	4 June ..	59	7 July.
Petersen, O., Christchurch, N.Z. Sandal ..	17304	26 Nov., 1903 ..	49	9 June.
Peterson, C., Dublin, Ireland. Tobacco-pipe mouth-piece	17838	27 April ..	..	..
Petrie, J., Timaru, N.Z. Balancing window-sash ..	18092	28 June ..	59	7 July.*
Pettitt, J., Geelong, Vic. Fence-dropper ..	18011	9 June ..	54	23 June.*
Philp, A. V., and another, Auckland, N.Z. Tire-cover ..	17933	17 May ..	49	9 June.*
Philp, H. E., and another, Riverton, N.Z. Curd-rack ..	17984	28 May ..	54	23 June.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Pincott, C. F. R., and another, Melbourne, Vic. Cycle driving-gear	17966	26 May ..	49	9 June.*
Planters' Compress Company, Boston, U.S.A. Baling-press. (J. T. Cowley)	17766	13 April ..	45	26 May.
Pluck, G., Rakaia, New Zealand. Cow-leg holder ..	17920	17 May ..	45	26 May.*
Pomeroy, J., Invercargill, N.Z. Menstruation appliance ..	17855	26 April ..	42	12 May.*
Pomeroy, J., Invercargill, N.Z. Projectile ..	18025	1 June ..	54	23 June.*
Pomeroy, J., Invercargill, N.Z. Knife-cleaner ..	18026	1 June ..	54	23 June.*
Pomeroy, J., Invercargill, N.Z. Treating flax ..	18110	27 June ..	62	21 July.*
Powell, G., Wanganui, N.Z. Fencing-dropper ..	17764	11 April ..	42	12 May.
Power and Mining Machinery Company, New York, U.S.A. (See E. S. Baldwin and H. H. Rayward, No. 17961.)				
Poynter, J. B., Wellington, N.Z. Paper-fastener ..	16494	15 June, 1903	49	9 June.
Prichard, W. A., Kalgoolie, W.A. Slimes pressure-filter ..	18044	15 June ..	62	21 July.
Rask, C., and another, Invercargill, N.Z. Travelling-race ..	17731	30 Mar. ..	36	28 April.*
Ray, F., East Orange, U.S.A. (See Henry R. Worthington, Nos. 17739 and 17740.)				
Rayward, H. H., and another, Wellington, N.Z. Making producer and water gas. (Power and Mining Machinery Company)	17961	23 May ..		..
Read, H. L., Kalgoolie, W.A. Purification of slimes ..	18076	23 June ..	59	7 July.*
Read, H. L., Kalgoolie, W.A. Separating gold, &c., from cyanide precipitates	18077	23 June ..	59	7 July.*
Regenbogen, C., and another, Manchester, Eng. (See J. T. Hunter, No. 18041.)				
Reid, A. B., and another, Eddington, N.Z. Chaff-cutter ..	17864	2 May ..	45	26 May.*
Reid, E. D., Wanganui, N.Z. (See the Wanganui Brush Factory Company, Limited, No. 17924.)				
Reid, R. S., Timaru, N.Z. Race-starter ..	17773	13 April ..	..	..
Reid, S., and another, Eddington, N.Z. Chaff-cutter ..	17864	2 May ..	45	26 May.*
Richards, E. D., Palmerston North, N.Z. Hammock. (F. E. A. Gordon)	17893	11 May ..	45	26 May.*
Richardson, E., Hawthorn, Vic. Exhaust-valve. ..	17958	26 May ..	49	9 June.*
Robertson, D. M., Christchurch, N.Z. Totalisator ..	17882	7 May ..	45	26 May.*
Robertson, E. L., Wellington, N.Z. Egg-carrier ..	17991	2 June ..	54	23 June.*
Rodgers, F. W., Dunedin, N.Z. Ladies' protector ..	18068	18 June ..	59	7 July.*
Roebuck, W. J., Oamaru, N.Z. Animal-food steaming-apparatus ..	18071	22 June ..	59	7 July.*
Rooney, J. W., Caversham, N.Z. Electric-car trolley-pole ..	17818	20 April ..	42	12 May.*
Rose, J., Wellington, N.Z. Liberating pigeons ..	17959	26 May ..	49	9 June.*
Rosengarten, S., and another, Adelaide, S.A. Hydraulic ram ..	18009	8 June ..	59	7 July.
Ross, A. J., Kihikihi, N.Z. Securing iron roofing ..	16614	10 July, 1903 ..	45	26 May.
Ross, G., Dunedin, N.Z. Register-grate flue ..	16587	1 July, 1903 ..	36	28 April.
Ross, N., Berwick, N.Z. Californian pump ..	18027	9 June ..	54	23 June.*
Ross, P. B., New Plymouth, N.Z. Spring stirrup-iron..	17938	21 May ..	49	9 June.*
Ross, T. J., Auckland, N.Z. Ship's raft ..	18079	23 June ..	59	7 July.*
Rouse, T., and another, London, Eng. Converting ironsand into briquettes	16978	16 Sept., 1903..	45	26 May.
Rusher, C. J., and another, Capetown, Cape Colony. Explosive ..	17828	25 April ..	42	12 May.
Ruud, E., and another, Pittsburg, U.S.A. (See J. T. Hunter, No. 18041.)				
Salinger, J., Auckland, N.Z. Elevator-alarm ..	17749	8 April ..	42	12 May.
Sanderson, J., and another, New Plymouth, N.Z. Drawing-table and easel	17911	14 May ..	..	..
Sasse, W., Cardrona, N.Z. Water-conveyor ..	17902	9 May ..	49	9 June.
Sauvage, W. H., Manhattan, U.S.A. (See W. J. Spruson, No. 17846.)				
Schmitt, E. D., Baltimore, U.S.A. (See L. B. Schram, No. 17706.)				
Schram, L. B., New York, U.S.A. Bottle-sealing device. (E. D. Schmitt)	17706	29 Mar. ..	36	28 April.
Schwanhauser, W., Brooklyn, U.S.A. (See Henry R. Worthington, No. 17738.)				
Scorrrar, J., Wellington, N.Z. Belt-fastener ..	17748	8 April ..	45	26 May.
Scott, G. M., Dunedin, N.Z. Railway-signalling apparatus ..	17891	6 May ..	45	26 May.*
Scott, G. M., Dunedin, N.Z. Venetian blind ..	18103	28 June ..	59	7 July.*
Scott, S., Wellington, N.Z. Cake-mould ..	17977	31 May ..	54	23 June.
Seavil, W., Waingaro, N.Z. Castor ..	16736	31 July, 1903..	49	9 June.
Seifert, H., Invercargill, N.Z. Water-scutching attachment ..	17819	20 April ..	42	12 May.*
Selwood, H., Kingston, N.Z. Book holder and marker..	17892	7 May ..	45	26 May.*
Siegfried, R., and another, Pittsburg, U.S.A. (See J. P. Campbell, No. 18016.)				
Simmonds, W. P., Flaxmore, N.Z. Instrument to familiarise sight and sound in music	17509	3 Feb. ..	42	12 May.*
Simmons, C., Paignton, Eng. Rock-drill lifter ..	17521	18 Mar., 1903 †	45	26 May.
Skeates, T. S., Devonport, N.Z. Leather tire-cover ..	18059	13 June ..	59	7 July.*
Slattery, M., Oamaru, N.Z. Rabbit-trap ..	17753	7 April ..	..	..
Small, C. C., Newton Highlands, U.S.A. Top-lifts for boots and shoes	18100	24 Oct., 1903 †	..	..
Smith, C. E. E., Auckland, N.Z. Flax washer and scraper ..	17973	27 May ..	49	9 June.*
Smith, C. S., and another, Dunedin, N.Z. Box ..	16307	2 May, 1903 ..	36	28 April.
Smith, E. S., Timaru, N.Z. Mechanical stirrer ..	16807	13 Aug., 1903..	54	23 June.
Smith, H. T., Sydney, N.S.W. Liquid-carboniser ..	18045	16 June ..	62	21 July.
Smith, S., Dunedin, N.Z. Tailors' measuring-apparatus ..	17805	19 April ..	42	12 May.*
Snedden, W., Invercargill, N.Z. Combined plough and harrow ..	17935	20 May ..	49	9 June.*
Société des Produits Chimiques et d'Explosifs, Berge, Corbin, et Cie, Grenoble, France. Manufacture of explosives. (E. A. G. Street)	17752	6 April ..	42	12 May.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Somerville, W. G., and another, Dunedin, N.Z. Bracket ..	16564	26 June, 1903..	36	28 April.
Sopar, T. W., Titirahi, N.Z. Seed sower and ridger ..	18093	28 June ..	59	7 July.*
Spencer, W. E., and another, New Plymouth, N.Z. Drawing table and easel ..	17911	14 May ..	..	..
Spryson, W. J., Sydney, N.S.W. Air-brake. (W. H. Sauvage) ..	17846	27 April ..	..	..
Staines, F., Melbourne, Vic. Domestic tray ..	18010	9 June ..	59	7 July.
Stark, H. S., Johannesburg, Transvaal. Extraction of gold ..	17905	9 May ..	49	9 June.
Stevenson, G. S., Gore, N.Z. Water-wheel ..	17993	31 May ..	54	23 June.*
Stevenson, G. S., Wendon, N.Z. Draw-bar attachment ..	16458	9 June, 1903..	36	28 April.
Stevenson, J. R., and another, June, N.S.W. Rabbit-poisoning compound ..	17779	14 April ..	42	12 May.
Stevenson, W., Auckland, N.Z. Dining and billiard table ..	17874	2 May ..	45	26 May.*
Stewart, R. L., Auckland, N.Z. Pen-nib attachment ..	17813	21 April ..	42	12 May.*
Stewart, H. G., Silverhope, N.Z. Boot-cleaner ..	17980	31 May ..	62	21 July.
Stidolph, S., Wellington, N.Z. Foldable cot ..	17754	9 April ..	36	28 April.*
Stokes, jun., W., Christchurch, N.Z. Petrol-carburettor ..	17960	26 May ..	49	9 June.*
Storey, G. G., and another, Newcastle-on-Tyne, Eng. Dynamo electric machine ..	17946	25 May ..	54	23 June.
Strange, W., and another, Christchurch, N.Z. Latch-lock ..	17119	19 Oct., 1903 ..	54	23 June.
Strange and Co., W. (See W. Strange and T. Coverdale, No. 17119.)				
Street, E. A. G., Paris, France. (See Société des Produits Chimiques et d'Explosifs, Berges, Corbin, et Cie, No. 17752.)				
Stuart, H. R., Wilkesburg, U.S.A. (See W. E. Hughes, No. 17872.)				
Stuart, J., London, Eng. Releasing and lowering ship's boats ..	17890	10 May ..	49	9 June.
Sutton, W. A. P., Gisborne, N.Z. Weed-eradicator ..	17995	1 June ..	54	23 June.*
Svenson, A., Morrison's Bush, N.Z. Gun-barrel cleaner ..	18031	13 June ..	54	23 June.*
Svenson, A., Morrison's Bush, N.Z. Game ..	18000	7 June ..	59	7 July.
Sweetser, G., Upper Norwood, Eng. Electric lamp and switch ..	17662	16 Mar. ..	54	23 June.
Symington, S., Christchurch, N.Z. Electric-car trolley-wheel ..	17907	14 May ..	49	9 June.
Synder, L., Rochelle Park, U.S.A. (See J. H. King, No. 17895.)				
Tait, A. L. J., Richmond, Vic. Fibre-dressing machinery ..	17683	22 Mar. ..	36	28 April.
Talbot-Tubbs, H. A., Auckland, N.Z. (See F. H. Temp'ar, No. 18032.)				
Tandy, C., and another, Wellington, N.Z. Building-cornice ..	17861	30 April ..	45	26 May.*
Tarrant, W., Estcourt, Natal. Horseshoe ..	17888	7 May ..	49	9 June.
Taylor, J. H. R., and another, Riverton, N.Z. Curd rack ..	17984	28 May ..	54	23 June.*
Te Aarutaua, Hawera, N.Z. H-rse-controller ..	17970	30 May ..	49	9 June.*
Tee, H., Liverpool, Eng. Manufacture of salt ..	18050	16 June ..	62	21 July.
Tehan, M. J., and another, Melbourne, Vic. Motor reaper-and-binder ..	17848	27 April ..	..	..
Templar, F. H., Devonport, N.Z. Treatment of felt. (H. A. Talbot-Tubbs)	18032	11 June ..	59	7 July.*
Thompson, A., Dunedin, N.Z. Animal cover ..	16889	27 Aug., 1903..	54	23 June.
Thomson, J., Invercargill, N.Z. Vehicle-wheel tire ..	17760	6 April ..	36	28 April.*
Thomson, R., and another, Ngahauranga, N.Z. Gambrel ..	17796	18 April ..	45	26 May.*
Thomson, R. W., and others, Perth, W.A. Reversible rotary-engine ..	18078	23 June ..	62	21 July.
Todd, R. W., Waikiki, N.Z. Manufacture of concrete pipes ..	17868	3 May ..	49	9 June.
Toft, J. M., Drury, N.Z. Horse-collar ..	18091	28 June ..	..	..
Topham, L. E., and another, Somerville, U.S.A. (See United Shoe Machinery Company, No. 17841.)				
Trainor, W., and another, Kensington, Vic. Cycle-driving gear ..	17966	26 May ..	49	9 June.*
Tregear, E., Wellington, N.Z. Motor ..	18020	10 June ..	54	23 June.*
Tubbs. (See under Talbot-Tubbs.)				
Turnbull, J., and another, Gore, N.Z. Tire ..	17909	16 May ..	45	26 May.*
Turner, H. J., and another, Wanganui, N.Z. Driving-belt ..	18019	10 June ..	54	23 June.*
Turner, H. J., and another, Wanganui, N.Z. Belting ..	17789	13 April ..	..	..
Turner and Co., Wanganui, N.Z. (See H. J. Turner and W. E. Campbell, No. 17789.)				
United Shoe Machinery Company, Paterson, U.S.A. Sole-pressing machine. (W. F. Crier)	17835	27 April ..	42	12 May.*
United Shoe Machinery Company, Paterson, U.S.A. Sole-pressing machine. (B. F. Mayo)	17839	27 April ..	42	12 May.*
United Shoe Machinery Company, Paterson, U.S.A. Skiving-machine. (J. B. Hadaway)	17840	27 April ..	42	12 May.*
United Shoe Machinery Company, Paterson, U.S.A. Stamping-machine. (W. Gordon and L. E. Topham)	17841	27 April ..	42	12 May.*
United Shoe Machinery Company, Paterson, U.S.A. Protector-inserting machine. (G. Goddu)	17922	19 May ..	49	9 June.*
United Shoe Machinery Company, Paterson, U.S.A. Skiving-machine. (F. L. Alley)	17923	19 May ..	49	9 June.*
United Shoe Machinery Company, Paterson, U.S.A. Pulling-over machine. (R. F. McFeely)	16817	10 Aug., 1903..	54	23 June.
United Shoe Machinery Company, Paterson, U.S.A. Wax-pot heater. (F. L. Alley)	18039	15 June ..	62	21 July.
United Shoe Machinery Company, Paterson, U.S.A. Pulling-over machine. (A. Bates)	18018	9 June ..	59	7 July.
Upham, A. B., Boston, U.S.A. Electric-traction current-collector..	17768	13 April, 1903†	..	..
Verrey, E., Ballarat, Vic. Name and sign plates ..	18098	30 June ..	59	7 July.*
Wainwright, H. S., Ashford, Eng. Draught-producer and spark-arrester ..	17713	25 Sept., 1903†	36	28 April.
Wainwright, H. S., Ashford, Eng. Draught-producer and spark-arrester ..	17714	15 Oct., 1903†	36	28 April.
Wales, R., Dunedin, N.Z. Franking-machine ..	17822	21 April ..	42	12 May.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Wales, R., Dunedin, N.Z. Coin-actuated franking-machine ..	17860	26 April ..	42	12 May.*
Wales, R., Dunedin, N.Z. Circular-saw packing-holder ..	16654	15 July, 1903 ..	54	23 June.
Wales, R., Dunedin, N.Z. Stencil-plate. (A. J. Park) ..	17983	28 May ..	54	23 June.*
Wallace, G. H., and another, New Farm, Q. Totalisator ..	17974	31 May ..	49	9 June.*
Wallace, G. H., and another, New Farm, Q. Totalisator ..	17975	31 May ..	..	..
Wallis, G. P., and another, Leeds, Eng. Manufacture of bricks ..	17270	19 Nov., 1903 ..	36	28 April.
Walpole, R. W., Opuā, N.Z. Beverage ..	17286	25 Nov., 1903 ..	49	9 June.
Wanganui Brush Factory Company, Limited, The, Wanganui, N.Z. Bottle-brush. (E. D. Reid) ..	17924	19 May ..	59	7 July.
Warden, C. E., Christchurch, N.Z. Parlour-game peg ..	17710	30 Mar. ..	36	28 April.*
Waters, J. B., and others, Dunedin, N.Z. Grass-seed cleaner ..	17743	6 April ..	42	12 May.
Watson, J., and another, Dunedin, N.Z. Flax-treating ..	17906	11 May ..	45	26 May.*
Weaver, A., Hastings, N.Z. Wool-scouring apparatus ..	17746	8 April ..	42	12 May.
Webber, J. O., Invercargill, N.Z. Removing handles from axes ..	17783	15 April ..	36	28 April.*
Webster, W., Dunedin, N.Z. Candle holder and saver ..	17817	20 April ..	42	12 May.
Weingott, S., and Sons, Limited, Sydney, N.S.W. Waterproof coat. (S. Weingott) ..	18030	13 June ..	54	23 June.*
Weingott, S., Sydney, N.S.W. (See S. Weingott and Sons, Limited, No. 18030.)				
Welch, W. H. I., London, Eng. (See The Lamp Manufacturing Company, Limited, No. 17928.)				
Wells, R. B., Wellington, N.S.W. (See A. S. Coronel, No. 17383.)				
Werner, A., and others, Doyleston, N.Z. Elevator-belt tension-regulator ..	17806	19 April ..	42	12 May.*
Werner and Co., A., Doyleston, N.Z. (See A. Werner, W. G. Breach, and J. Fussell, No. 17806.)				
Westinghouse, G., Pittsburg, U.S.A. (See W. E. Hughes, No. 17773.)				
Weston, R., Sydenham, N.Z. Leather bicycle-pedal strap ..	18053	15 June ..	59	7 July.*
Weston, R., Sydenham, N.Z. Leather bicycle-pedal strap ..	18054	15 June ..	59	7 July.*
Wheeler, C., Wellington, N.Z. Hose-suspender ..	17886	9 May ..	49	9 June.
White, G. H., Rakaia, N.Z. Branding carcasses ..	17981	30 May ..	..	..
White, L. B., and another, Jersey City, U.S.A. (See White-Mylin Furnace Company, No. 17800.)				
White-Mylin Furnace Company, Brooklyn, U.S.A. Furnace (A. H. Mylin and L. B. White) ..	17800	19 April ..	45	26 May.
White, W., Tarras, N.Z. Fencing standard ..	18008	8 June ..	62	21 July.
Whitelaw, H. J., Palmerston North, N.Z. Motor tire-protector ..	17712	31 Mar. ..	36	28 April.*
Whitlock, W., Gisborne, N.Z. Steam-turbine motor ..	17744	7 April ..	31	14 April.*
Widdicombe, T. H. H., New Town, Tas. Butter-cutter ..	17696	23 Mar. ..	36	28 April.
Wight, R. B., Auckland, N.Z. Beverage ..	17297	25 Nov., 1903 ..	54	23 June.
Willey, A., Christchurch, N.Z. Self-closing bottle ..	17986	30 May ..	54	23 June.*
Williams, W., Hawthorndale, N.Z. Coulter ..	16673	23 July, 1903 ..	45	26 May.
Wilshire, W. I., Wellington, N.Z. Construction of buildings ..	16694	28 July, 1903 ..	49	9 June.
Wilson, F. J., Palmerston North, N.Z. Matchbox ..	17733	5 April ..	..	..
Wilson, T., and another, Ashhurst, N.Z. Washer ..	17884	7 May ..	49	9 June.*
Wilson, T., and others, Wellington, N.Z. Releasing snatch-block ..	17904	12 May ..	..	..
Winren, J. A., Mitchell, Q. Race-starting machine ..	17426	30 Dec., 1903 ..	54	23 June.
Withers, A. J., Palmerston North, N.Z. Letter-envelope ..	17972	30 May ..	54	23 June.*
Witting, I. F., Yangan, Q. Milk preserving ..	17896	11 May ..	45	26 May.*
Wolski, W., Schodnika, Austria-Hungary. Hydraulic boring-apparatus ..	17957	25 May ..	54	23 June.
Wood, W., Dunedin, N.Z. Pie-making machine ..	17916	14 May ..	45	26 May.*
Wootton, T. H., Dunedin, N.Z. Electric belt and generator combined ..	17857	26 April ..	49	9 June.*
Worthington, Henry R., New York, U.S.A. Condenser. (W. Schwanhauser) ..	17738	6 April ..	42	12 May.
Worthington, Henry R., New York, U.S.A. Centrifugal pump. (F. Ray) ..	17739	6 April ..	42	12 May.
Worthington, Henry R., New York, U.S.A. Centrifugal pump. (F. Ray) ..	17740	6 April ..	42	12 May.
Wright, T. C., and another, Melbourne, Vic. Motor reaper-and-binder ..	17848	27 April ..	..	..
Youtlen, W., Westminster, Eng. Fibre-cleaner ..	18065	21 June ..	62	21 July.*
Zlotkowski, I., and another, Sydney, N.S.W. Fire-extinguisher ..	17807	20 April ..	45	26 May.
Zohrab, E. G. F., and another, Wellington, N.Z. Paper bag. (J. Laird and Sons) ..	17913	17 May ..	..	..

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 30TH JUNE, 1904.

* 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-gas generator	F. Lawrence and R. Irving ..	18075	23 June ..	59	7 July.*
Address-slip for envelope, &c. ..	G. A. Grace	17811	21 April ..	42	12 May.*
Advertisements, Fixing on shelves ..	T. Morris	17787	12 April ..	36	28 April.*
Advertising	J. Dunstan and E. W. Manning ..	18109	29 June ..	..	..
Advertising-device	H. Drouleige and M. Foley ..	17820	20 April ..	..	..
Advertising exhibitor and newspaper-file ..	A. Divine	17964	25 May ..	..	..
Advertising-puzzle	H. T. Harding and A. F. Billing ..	17829	25 April ..	42	12 May.
Air-brake	W. J. Spruson	17846	27 April ..	..	..
Alarm. (See Burglar-alarm, Elevator-alarm, Fire-alarm.)					
Amalgamator and crusher, Ore ..	H. Jones	16797	14 Aug., 1903	49	9 June.
Anæsthetics, Apparatus for inhaling ..	H. Gunthorp	16508	15 June, 1903	36	28 April.
Animal cover	A. Thompson	16889	27 Aug., 1903	54	23 June.
Animal cover, Securing	W. G. Grave	18101	30 June ..	..	..
Anti-fouling composition for ships ..	J. B. Hannay	18036	15 June ..	..	..
Armour for torpedo-boat, Defensive ..	E. H. Featon	18055	17 June ..	59	7 July.*
Arrester. (See Spark-arrester.)					
Axe	S. F. Clare	17962	20 May ..	49	9 June.*
Axe, Fitting handle in	S. F. Clare	17461	9 Jan. ..	45	26 May.
Axe, Fitting handle in	S. F. Clare	17903	4 May ..	54	23 June.
Axe-head, Removing broken handle from ..	J. O. Webber	17783	15 April ..	36	28 April.*
Bacteria in milk, Destruction of ..	I. F. Witting	17896	11 May ..	45	26 May.*
Bag for collecting kauri-gum	A. J. McPharlin	17059	3 Oct., 1903	36	28 April.
Bag, Paper	E. G. F. Zohrab and W. C. Greig ..	17913	17 May ..	..	..
Baker's oven, Portable	C. F. F. Allan	17971	30 May ..	49	9 June.*
Baling-press	Planters' Compress Company ..	17766	13 April ..	45	26 May.
Ball-cock and stop-valve	R. Orwin and A. Jack	17834	27 April ..	42	12 May.*
Barrels, casks, &c. Forming	F. Alexe	18038	15 June ..	62	21 July.
Basket-cover, Japanese cane	M. H. Butchart	17852	29 April ..	45	26 May.*
Bearings of vehicles	E. and C. Johanson	17925	19 May ..	49	9 June.
Bed, Foldable-cot for attachment to ..	S. Stidolph	17754	9 April ..	36	28 April.*
Beers, Manufacture of English	N. H. Claussen	17771	13 April ..	42	12 May.
Bell-sounding instrument for punching and recording tickets	E. Cornwall-Cook	17885	5 May ..	45	26 May.*
Belt. (See Driving-belt, Electric-belt, Elevator-belt.)					
Belt fastener	T. and M. J. Kilkelly	16810	14 Aug., 1903	59	7 July.
Belting, Fastener for securing ends of machinery-	J. Scorrar	17748	8 April ..	45	26 May.
Belting	H. J. Turner and W. E. Campbell ..	17789	13 April ..	..	..
Beverage	R. W. Walpole	17286	25 Nov., 1903	49	9 June.
Beverage	R. B. Wight	17297	25 Nov., 1903	54	23 June.
Bicycle-driving mechanism	Ah Pat	17798	18 April ..	42	12 May.*
Bicycle-pedal strap	R. Weston	18053	15 June ..	59	7 July.*
Bicycle-pedal strap	R. Weston	18054	15 June ..	59	7 July.*
Bicycle-stand	M. Hogan	17791	15 April ..	..	..
Bicycle-stand	P. J. de la Haye	18108	28 June ..	..	..
Billiard and dining-table	W. Stevenson	17874	2 May ..	45	26 May.*
Billiard-marking board and cabinet ..	H. U. Alcock	17757	8 April ..	36	28 April.*
Billiard-table	F. A. Alcock	18046	16 June ..	54	23 June.*
Billiard-table	C. J. Duffy	16690	27 July, 1903	45	26 May.
Binder-and-reaper, Motor	M. J. Tehan and T. C. Wright ..	17848	27 April ..	..	..
Bird-trap	G. H. Fowler	17816	21 April ..	42	12 May.*
Blind or shutter, Collapsible	G. McMullin	17832	27 April ..	42	12 May.
Blind, Venetian	G. M. Scott	18103	28 June ..	..	..
Blocks, Cutting material into	A. G. Baker	17618	2 March ..	49	9 June.
Board. (See Marking-board, Drawing-board, Weatherboard.)					
Book-holder	V. A. Langevad	18104	27 June ..	59	7 July.*
Book holder and marker	H. S. Wood	17892	7 May ..	45	26 May.*
Book holder and supporter	G. Morgan	18085	22 June ..	59	7 July.*
Book holder or clip	J. S. Larke	17918	12 May ..	49	9 June.
Boot and shoe display-bracket	T. Garland	17976	31 May ..	49	9 June.*
Boot-cleaner	H. G. Stewart	17980	31 May ..	62	21 July.
Boot-fastener	W. B. Amish	17792	14 April ..	42	12 May.*
Boot-lace fastening	J. T. Harris	17914	12 May ..	45	26 May.*
Boot or shoe heel	H. B. Morrison	18074	23 June ..	62	21 July.*
Boot-sole, Compound for manufacture of ..	J. Turnbull and S. Nicolson ..	17909	16 May ..	45	26 May.*
Boot-sole levelling and pressing machine ..	United Shoe Machinery Company ..	17835	27 April ..	42	12 May.*
Boot sole levelling and pressing machine ..	United Shoe Machinery Company ..	17839	27 April ..	42	12 May.*
Boot-tree	A. S. Baker	17809	21 April ..	42	12 May.*
Boots and shoes, Manufacture of	R. J. McDonald	18082	24 June ..	59	7 July.*
Boots and shoes, Skiving machine for ..	United Shoe Machinery Company ..	17840	27 April ..	42	12 May.*
Boots and shoes, Top-lifts for	C. C. Small	18100	24 Oct., 1903†	..	..
Borer, Post-hole	A. Currie and R. Anderson ..	16916	4 Sept., 1903	54	23 June.
Boring apparatus, Hydraulic	W. Wolski	17957	25 May ..	54	23 June.
Bottle-brush	The Wanganui Brush Factory Company (Limited)	17924	19 May ..	59	7 July.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention	Name	Application.		Gazette.	
		No.	Date.	No.	Date.
Bottle or jar, Airtight	A. S. Baker	17767	9 April ..	49	9 June.*
Bottle-seal	L. B. Schram	17706	29 March ..	36	28 April.
Bottle, Self-closing	A. Wildey	17986	30 May ..	54	23 June.*
Bottle. (See also Non-refillable bottle.)					
Bottle sprinkler-attachment	G. L. Cole	16742	5 Aug., 1903	45	26 May.
Box for perishable goods	C. Kennedy	17823	25 April ..	42	12 May.*
Box. (See Collapsible box, Matchbox.)					
Bracket. (See Display-bracket, Table-bracket, Wall-bracket.)					
Brake, Air-	W. J. Spruson	17846	27 April ..	..	..
Branding carcasses	G. H. White	17981	30 May ..	..	..
Branding composition	De B. de Lisle and E. V. Luttrell	17464	18 Jan. ..	45	26 May.
Bricks, Manufacture of	G. P. Wallis and G. Fox ..	17270	19 Nov., 1903	36	28 April.
Briquettes, Converting ironsand into ..	T. Rouse and H. Cohn ..	16978	16 Sept., 1903	45	26 May.
Brooch-pin	A. S. Dewhurst	16833	21 Aug., 1903	59	7 July.
Brush, Bottle-	The Wanganui Brush Factory	17924	19 May ..	59	7 July.
	Company, Limited				
Brush-holder for electric machine ..	Electric and Train-lighting Syn-	17952	25 May ..	..	..
	dicate, Limited				
Brush-holder for electrical machine ..	J. P. Campbell	18016	9 June ..	59	7 July.
Bucket, Spring-handle for	S. H. Day	17652	14 Mar. ..	36	28 April.*
Buckle, Self-fastening	P. E. Cheal	17761	7 April ..	36	28 April.*
Building-cornices, Construction of ..	W. John-on and C. Tandy ..	17861	30 April ..	45	26 May.*
Buildings, Construction of	W. I. Wilshire	16694	28 July, 1903	49	9 June.
Burglar-alarm	G. J. Cartwright	17610	3 Mar. ..	36	28 April.*
Butter-cutter	T. H. H. Widdicombe ..	17696	23 Mar. ..	36	28 April.
Butter printer and sizer	A. Christie	18007	4 June ..	59	7 July.
Buttonhole for collar	W. Beamish	17793	14 April ..	42	12 May.*
Cabinet and marking-board, Billiard- ..	H. U. Alcock	17757	8 April ..	36	28 April.*
Cake-mould	S. Scott	17977	31 May ..	54	23 June.
Californian pump	M. Ross	18027	9 June ..	54	23 June.*
Calves, Teaching, to drink	H. A. Fry	17865	18 May ..	45	26 May.*
Candle-extinguisher	J. A. Belk	16573	30 June, 1903	36	28 April.
Candle-extinguisher	C. Hooke	17587	8 April ..	36	28 April.*
Candle holder and saver	W. Webster	17817	20 April ..	42	12 May.
Candles, Device to prevent guttering of ..	T. A. Nash	17826	25 April ..	42	12 May.*
Cans or tins, Closing filled	G. W. Berry	18047	16 June ..	54	23 June.*
Cans or tins, Keyless tearing-strips for ..	G. W. Berry	18049	16 June ..	54	23 June.*
Cans or tins, Vents of	G. W. Berry	18048	16 June ..	54	23 June.*
Car to travel over lines of varying guages, Enabling	A. R. Angus and H. M. Laughher	18056	17 June ..	62	21 July.
Car. (See Electric car, Motor car, Tram-car.)					
Carbonating liquids, Apparatus for ..	H. T. Smith	18045	16 June ..	62	21 July.
Carbonic-acid motor	J. P. Lajoie	17516	2 Feb. ..	45	26 May.
Carburetter, Petrol	W. Stokes, jun.	17960	26 May ..	49	9 June.*
Carcasses, Branding	G. H. White	17981	30 May ..	..	..
Carpet and upholstery beater	F. O. R. Jagusch	17803	15 April ..	42	12 May.
Cart. (See Go-cart.)					
Cartridges, Machine for making cored ..	A. Burt	17756	8 April ..	36	28 April.*
Case, Export package or	G. Cheverton and J. T. Johnson	17887	9 May ..	49	9 June.*
Case for perishable goods	C. Kennedy	17823	25 April ..	42	12 May.*
Casks, barrels, &c., Forming	F. Alexe	18038	15 June ..	62	21 July.
Castor	W. Seavill	16736	31 July, 1903	49	9 June.
Catamenial sac or pad, Supporting ..	B. W. M. Melton	17775	12 April ..	36	28 April.*
Cement, Furnace for burning	G. Gröndal	17842	27 April ..	45	26 May.
Centrifugal pump	Henry R. Worthington ..	17739	6 April ..	42	12 May.
Centrifugal pump	Henry R. Worthington ..	17740	6 April ..	42	12 May.
Centrifugal separator-bowl, Link - blade liner for	E. A. Forsberg and B. Ljungström	17843	27 April ..	45	26 May.
Centrifugal separator, Inlet-pipe for ..	Aktiebolaget Sveaseparatorm ..	17948	25 May ..	54	23 June.
Chaff-cutter	S. and A. B. Reid	17864	2 May ..	45	26 May.*
Chaff cutter and bagger	J. Macalister	17762	6 April ..	42	12 May.*
Chaff cutter and bagger	J. Macalister	18073	17 June ..	59	7 July.
Chart for cutting garment-patterns ..	M. E. McLeod	16183	4 April, 1903	59	7 July.
Children, Appliance for use by	M. Nikander	18087	24 June ..	..	..
Cleaner. (See Boot-cleaner, Dried-fruit cleaner, Fibre-cleaner, Gun-barrel cleaner, Kauri-gum cleaner, Knife-cleaner, Seed-cleaner, Tobacco-pipe cleaner.)					
Cleansing fluid	F. J. S. Hutchinson	17728	5 April ..	49	9 June.
Clipper, Hedge	P. Eddy	17994	1 June ..	..	..
Closet. (See Water-closet.)					
Closing filled tins or cans	G. W. Berry	18047	16 June ..	54	23 June.*
Clothes-horse	J. K. Hay	18040	15 June ..	..	..
Clothes-suspender for clothes-lines ..	A. M. Bauckham	17926	19 May ..	49	9 June.*
Club, Golf-	L. W. Alexander	17736	28 Mar. ..	36	28 April.*
Coat. (See Rain-proof coat, Waterproof coat.)					
Coat-suspender	F. H. W. Cowper	17825	25 April ..	42	12 May.*
Cock. (See ball cock.)					
Coiler, Wire-	R. and F. Fenwick	16830	21 Aug., 1903	45	26 May.
Coin-actuated franking-machine	R. Wales	17860	26 April ..	42	12 May.*
Coin-freed franking and stamping machine	E. Moss	18070	20 June ..	59	7 July.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Coin-freed-operated machine, Attachment to, for gauging the coins	E. Moss	17862	29 April ..	42	12 May.*
Coin-freed steam-cleaner for tobacco-pipe	M. A. E. Kelly	17747	8 April ..	36	28 April.*
Collapsible blind or shutter	G. McMullen	17832	27 April ..	42	12 May.
Collapsible box	C. S. Smith and C. Otto	16307	2 May, 1903	36	28 April.
Collar, Button-hole for	W. Beamish	17793	14 April ..	42	12 May.*
Collar. (See also Horse-collar.)					
Compressing forage	T. H. Mapp	17734	5 April ..	36	28 April.
Concentrator. (See Ore-concentrator.)					
Concrete beneath water, Putting down ..	J. Davies	18058	18 June ..	59	7 July.*
Concrete pipes, Manufacture of	R. W. Todd	17868	3 May ..	49	9 June.
Condenser	Henry R. Worthington	17738	6 April ..	42	12 May.
Controlling contents of high-pressure soda-water reservoir	A. J. L. Eckersley	17721	31 Mar. ..	36	28 April.
Controlling device, Horse-	Te Aarutaua	17970	30 May ..	49	9 June.*
Cooking-appliance	R. James	16755	6 Aug., 1903	49	9 June.
Cooler. (See Milk-cooler.)					
Cooling-apparatus	W. E. Hughes	17844	27 April ..	45	26 May.
Cornices, Construction of building- ..	W. Johnson and C. Tandy	17861	30 April ..	45	26 May.*
Cot, Foldable, for attachment to bed ..	S. Stidolph	17754	9 April ..	36	28 April.*
Coulter of plough, Spring-attachment for	W. Williams	16673	23 July, 1903	45	26 May.
Coulter, Revolving skim-	T. McDonald	17936	18 May ..	49	9 June.*
Counting and controlling mechanism of milk-weigher	D. P. Davidson	17999	7 June ..	54	23 June.*
Cover. (See Animal-cover, Basket-cover, Cow-cover, Fire-cover.)					
Cover of nightsoil-pan, Securing in position	J. T. Hunter	17978	31 May ..	49	9 June.*
Cow-cover	W. R. Devereux	18033	13 June ..	54	23 June.*
Cow-leg holder	G. Pluck	17920	17 May ..	45	26 May.*
Cramp, Flooring-	T. M. Dean and J. Harris	17831	25 April ..	42	12 May.*
Cricket, Table-	S. Churchill-Otton and M. P. Dunlop	17837	27 April ..	42	12 May.*
Cricket, Table-	W. Davis	18024	8 June ..	54	23 June.*
Culinary utensil	H. McClure	17737	6 April ..	42	12 May.
Cultivator	W. Arthur	17871	30 April ..	45	26 May.*
Cupels, Manufacture of	The Morgan Crucible Company, Limited	17777	14 April ..	42	12 May.
Curative appliance, Electro-magnetic	P. Boll	17751	8 April ..	49	9 June.*
Curd-rack	H. E. Philp and J. H. R. Taylor	17984	28 May ..	54	23 June.*
Curler, Hair-	W. Hinchey	18080	23 June ..	..	..
Current-collector for electric generator	J. T. Hunter	18015	9 June ..	59	7 July.
Current-collector for electric traction	A. B. Upham	17768	13 April, 1903†	..	..
Current, Varying voltage of alternating	W. E. Hughes	17872	4 May ..	49	9 June.
Cutter. (See Butter-cutter, Chaff-cutter, Mitre-cutter, Tobacco-cutter.)					
Cutting material into strips, Machine for	A. G. Baker	17618	2 Mar. ..	49	9 June.
Cyanide precipitates, Separating gold from	H. L. Read	18077	23 June ..	59	7 July.*
Cycle-driving gear	J. Dickason	17758	8 April ..	42	12 May.
Cycles, Sprocket driving-gear for	W. Trainor and C. F. R. Pincott	17966	26 May ..	49	9 June.*
Cylinder drying-machine	J. A. Merrett	17638	9 Mar. ..	36	28 April.
Dater, Ticket-	W. P. Nolan	16212	6 April, 1903	45	26 May.
Desk. (See Reading-desk, School-desk.)					
Diaphragm, Sanitary rotating, for telephone	S. Churchill-Otton	17723	31 Mar. ..	36	28 April.
Dining and billiard table	W. Stevenson	17874	2 May ..	45	26 May.*
Dip. (See Sheep-dip.)					
Disc-plough	J. F. Linke and M. S. Noack	17717	31 Mar. ..	42	12 May.
Display-bracket for boots and shoes	T. Garland	17976	31 May ..	49	9 June.*
Ditch-plough	C. C. Kidd and P. Kilkelly	16813	14 Aug., 1903	49	9 June.
Diving-dress	A. McLeod	17910	16 May ..	45	26 May.*
Door and life-saving apparatus, Lift-	J. Jamison	17880	3 May ..	49	9 June.
Door, Dust and draught excluder for	G. R. Ogle	16562	25 June, 1903	36	28 April.
Door, Dust and draught excluder for	J. Lindsay	16651	17 July, 1903	59	7 July.
Door-holder	E. G. May	17979	31 May ..	62	21 July.
Door-lock	A. G. Baker	17965	26 May ..	49	9 June.*
Door of railway-car, &c.	H. J. Manson	16611	10 July, 1903	49	9 June.
Doors, Hinge for	J. A. Merrett	18052	16 June ..	62	21 July.
Draining-tray, Domestic	F. Staines	18010	9 June ..	59	7 July.
Drain-pipe, Flanging	R. O. Clark, jun.	17932	17 May ..	..	..
Draught and dust excluder for door	J. Lindsay	16651	17 July, 1903	59	7 July.
Draught and dust excluder for door	G. R. Ogle	16562	25 June, 1903	36	28 April.
Draught and dust excluder for window	A. Parker	17956	25 May ..	49	9 June.*
Draught-producer and spark-arrester	H. S. Wainwright	17713	25 Sep., 1903†	36	28 April.
Draught-producer and spark-arrester	H. S. Wainwright	17714	15 Oct., 1903†	36	28 April.
Draw-bar attachment, Vehicle	G. S. Stevenson	16458	9 June, 1903	36	28 April.
Drawing-board	W. Green	17808	21 April ..	42	12 May.
Drawing-board, easel, and T-square	E. Gillow	16969	12 Sep., 1903	54	23 June.
Drawing-table and easel	W. E. Spencer and J. Sanderson	17911	14 May ..	..	..
Dredge, Conveying water to	W. Sasse	17902	9 May ..	49	9 June.
Dredger	F. Lobnitz	17802	16 April ..	45	26 May.
Dredging appliance, Gold-	H. L. Mainland	17998	2 June ..	59	7 July.
Dredging machinery	J. D. Douglas	17879	3 May ..	45	26 May.*
Dried-fruit cleaner	S. Mintrom	17827	25 April ..	42	12 May.*
Drill, Lifting and turning rock-	C. Simmons	17521	18 Mar., 1903†	45	26 May.
Driving-belt	H. J. Turner and W. E. Campbell	18019	10 June ..	54	23 June.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Driving gear for cycles ..	J. Dickason ..	17758	8 April ..	42	12 May.
Driving gear for cycles, Sprocket ..	W. Trainor and C. F. R. Pincott ..	17966	26 May ..	49	9 June.*
Driving-gear for pulleys ..	C. F. Jaehn and W. Emling ..	17949	25 May ..	54	23 June.
Driving-mechanism for bicycles ..	Ah Pat ..	17798	18 April ..	42	12 May.*
Dropper. (See Wire fence dropper.)					
Drving-machine, Cylinder ..	J. A. Merrett ..	17638	9 Mar. ..	36	28 April.
Dubbin, Waterproof ..	A. Morris ..	17830	25 April ..	45	26 May.*
Dumping and spreading wagon ..	P. and D. Duncan (Limited) ..	18042	14 June ..	54	23 June.*
Dust and draught excluder for door ..	G. R. Ogle ..	16562	25 June, 1903	36	28 April.
Dust and draught excluder for door ..	J. Lindsay ..	16651	17 July, 1903	59	7 July.
Dust and draught excluder for window ..	A. Parker ..	17956	25 May ..	49	9 June.*
Dynamo ..	Electric and Train-lighting Syndicate (Limited) ..	17951	25 May ..	..	..
Dynamo electric machine ..	C. A. Parsons and G. G. Stoney ..	17946	25 May ..	54	23 June.
Dynamo electric machine ..	J. P. Campbell ..	18063	21 June ..	62	21 July.
Earthenware pipe, Flanging ..	A. J. Lindsay ..	18057	18 June ..	59	7 July.*
Easel and drawing-table ..	W. E. Spencer and J. Sanderson ..	17911	14 May ..	..	..
Easel-attachment to school desk ..	E. Hooper ..	17943	23 May ..	54	23 June.
Easel, drawing-board, and T-square ..	E. Gillow ..	16969	12 Sept., 1903	54	23 June.
Egg-beater ..	W. V. Paley and T. H. Bussey ..	17720	31 Mar. ..	36	28 April.
Egg-carrier ..	E. L. Robertson ..	17991	2 June ..	54	23 June.*
Electric belt and generator ..	T. H. Wootton ..	17857	26 April ..	49	9 June.*
Electric-car trolley-pole ..	J. W. Rooney ..	17818	20 April ..	42	12 May.*
Electric-car trolley-wheel ..	S. Symington ..	17907	14 May ..	49	9 June.
Electric generator, Controlling voltage from ..	Electric and Train-lighting Syndicate (Limited) ..	17953	25 May ..	..	..
Electric generator, Current-collector for ..	J. T. Hunter ..	18015	9 June ..	59	7 July.
Electric heel-pad ..	L. Nelken ..	17869	29 April ..	49	9 June.
Electric lamp and switch, Incandescent ..	G. Sweetser ..	17662	16 Mar. ..	54	23 June.
Electric machine, Dynamo ..	J. P. Campbell ..	18063	21 June ..	62	21 July.
Electric machine, Dynamo ..	C. A. Parsons and G. G. Stoney ..	17946	25 May ..	54	23 June.
Electric machine, Rotary ..	J. P. Campbell ..	18066	21 June ..	62	21 July.
Electric sock ..	J. W. Fowler ..	18017	9 June ..	54	23 June.*
Electric traction, Current-collector for ..	A. B. Upham ..	17768	13 April, 1903†	..	..
Electrical distribution, System of ..	W. E. Hughes ..	17599	2 Mar. ..	49	9 June.
Electrical distribution, System of ..	W. E. Hughes ..	17619	5 Mar. ..	54	23 June.
Electrical machine, Brush-holder for ..	Electric and Train-lighting Syndicate (Limited) ..	17952	25 May ..	..	..
Electrical machine, Brush-holder for ..	J. P. Campbell ..	18016	9 June ..	59	7 July.
Electrical measuring-instrument ..	J. P. Campbell ..	17875	5 May ..	49	9 June.
Electrically-operated target ..	G. A. Peters ..	18006	4 June ..	59	7 July.
Electro-magnetic appliance for curative purposes ..	P. Boll ..	17751	8 April ..	49	9 June.*
Elevator-alarm ..	J. Salinger ..	17749	8 April ..	42	12 May.
Elevator-belt, Regulating tension of ..	A. Werner, W. G. Breach, and J. Fussell ..	17806	19 April ..	42	12 May.*
Engine. (See Explosive-engine, Internal-combustion Engine, Locomotive-engine, Oil-engine, Rotary-engine.)					
Engine-tractor ..	J. Macalister ..	18073	17 June ..	59	7 July.*
Engines, Exhaust-muffler for ..	E. Brooke-Smith ..	17849	28 April ..	45	26 May.*
Engines, Exhaust-valve for ..	E. Richardson ..	17958	26 May ..	49	9 June.*
Envelope, Address-slip for ..	G. A. Grace ..	17811	21 April ..	42	12 May.*
Envelope ..	W. Bary ..	18097	29 June ..	59	7 July.*
Envelope ..	G. S. Jones ..	17847	26 April ..	..	..
Envelope, Letter ..	A. J. Withers ..	17972	30 May ..	54	23 June.*
Exhaust-muffler for engine ..	E. Brooke Smith ..	17849	28 April ..	45	26 May.*
Exhaust-valve for engine ..	E. Richardson ..	17958	26 May ..	49	9 June.*
Explosive ..	Société des Produits Chimiques et d'Explosifs, Berges, Corbin, et Cie ..	17752	6 April ..	42	12 May.
Explosive ..	C. J. Rusher and G. W. Baudinet ..	17828	25 April ..	42	12 May.
Explosive ..	N. Ceipek ..	17867	3 May ..	49	9 June.
Explosive ..	J. Fahey ..	17954	25 May ..	49	9 June.*
Explosive-engine, Mixing-valve for ..	J. P. Campbell ..	17947	25 May ..	54	23 June.
Explosives, Machine for making ..	A. Burt ..	17756	8 April ..	36	28 April.*
Extinguisher. (See Candle-extinguisher, Fire-extinguisher.)					
Eye-glass Cord, Spring-winder for ..	A. H. Brownley ..	16544	22 June, 1903	36	28 April.
Fastener for ends of machinery-beltng ..	J. Scorrar ..	17748	8 April ..	45	26 May.
Fastener. (See also Belt-fastener, Boot-fastener, Legging-fastener, Sash-fastener, Window-fastener.)					
Fastening for papers, packages, &c. ..	J. B. Poynter ..	16494	15 June, 1903	49	9 June.
Fastening. (See also Boot-lace fastening, Rug-fastening.)					
Feeder for sheep-dip, Traversing- ..	J. Coop ..	17908	14 May ..	..	..
Feeding-funnel ..	H. Jerger and A. Joyce ..	17873	2 May ..	..	..
Felt, Treatment of ..	F. H. Templar ..	18032	11 June ..	59	7 July.*
Fence ..	T. Boulton ..	17912	17 May ..	45	26 May.*
Fence-dropper ..	J. Pettitt ..	18011	9 June ..	54	23 June.*
Fence. (See Wire-fence.)					
Fencing-standard ..	R. McGillivray, jun. ..	18005	2 June ..	59	7 July.*
Fencing-standard ..	W. White ..	18008	8 June ..	62	21 July.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Fermentation of liquids	G. Johnston and P. R. Hare ..	17795	4 May, 1903†	..	..
Fermentation, Production of lactic ..	J. A. Gilruth ..	17940	23 May ..	49	9 June.*
Fibre-cleaner	W. Youlten ..	18065	21 June ..	62	21 July.*
Fibre dressing and washing	A. L. J. Tait ..	17683	22 March ..	36	28 April.
File, Newspaper, and advertising-exhibitor	A. Divine ..	17964	25 May ..	..	..
Filter	G. Moore ..	18099	30 June ..	62	21 July.
Filter-bed, Distributing sewage over ..	J. P. Frengley ..	17782	14 April ..	36	28 April.*
Filter for slimes, Pressure-	W. A. Prichard ..	18044	15 June ..	62	21 July.
Fire-alarm and temperature-indicator ..	J. Gallagher ..	17996	4 June ..	..	..
Fire-bar	D. McMurrich ..	17853	29 April ..	45	26 May.
Fire-bridge for steam-boiler	J. Eckersley and W. Cable ..	18051	16 June ..	59	7 July.*
Fire-extinguisher	J. H. Hodge and I. Zlotkowski ..	17807	20 April ..	45	26 May.
Fire kindler	E. T. Flood ..	17937	1 June ..	54	23 June.*
Fireproof, Making paper	C. Grosvenor ..	18014	6 June ..	54	23 June.*
Flanging drain-pipe	R. O. Clark, jun. ..	17932	17 May ..	..	..
Flanging earthenware pipe	A. J. Lindsay ..	18057	18 June ..	59	7 July.*
Flax, Chemical process for treating ..	J. Watson and W. Mackay ..	17906	11 May ..	45	26 May.*
Flax, Machinery for treating	J. Pomeroy ..	18110	29 June ..	62	21 July.*
Flax washer and scraper	C. E. E. Smith ..	17973	27 May ..	49	9 June.*
Flooring	J. G. F. Lund ..	17741	6 April ..	42	12 May.
Flooring-cramp	T. M. Dean and J. Harris ..	17831	25 April ..	42	12 May.*
Flower-pot	A. J. Eggleton ..	17858	25 April ..	45	26 May.
Flue, Double-circular, for register-grate ..	G. Ross ..	16537	1 July, 1903	36	28 April.
Fluid-pressure turbine	W. E. Hughes ..	17778	14 April, ..	42	12 May.
Flush-tap for water-closet	T. W. May ..	16600	8 July, 1903	45	26 May.
Flusher for water-closet	T. W. May ..	17944	19 May ..	49	9 June.*
Food, Apparatus for steaming animals' ..	W. J. Roebuck ..	18071	22 June ..	59	7 July.*
Food-mixer	W. V. Paley and T. H. Bussey ..	17720	31 March ..	36	28 April.
Football, Table-	A. W. Ford ..	18035	15 June ..	54	23 June.*
Forage, preparatory to compressing, Treating	T. H. Mapp ..	17734	5 April ..	36	28 April.
Fountain-pen, Self-filling	J. McCombs ..	18004	6 June ..	54	23 June.*
Franking-machine	R. Wales ..	17822	21 April ..	42	12 May.*
Franking-machine, Coin-actuated	R. Wales ..	17860	26 April ..	42	12 May.*
Franking-machine, Coin-freed	E. Moss ..	18070	20 June ..	59	7 July.*
Friction-gearing	W. E. Hughes ..	16719	31 July, 1903	49	9 June.
Friction-gearing	W. E. Hughes ..	16720	31 July, 1903	49	9 June.
Friction-gearing for motor-cars, &c. ..	E. Bergmann ..	17992	1 June ..	59	7 July.
Fruit cleaner, Dried-	S. Mintrom ..	17827	25 April ..	42	12 May.*
Fuel-economiser and smoke-consumer ..	G. J. Cartwright ..	17945	25 May ..	54	23 June.
Funnel, Feeding-	H. Jerger and A. Joyce ..	17873	2 May ..	..	..
Furnace	White-Mylin Furnace Company ..	17800	19 April ..	45	26 May.
Furnace for burning cement	G. Gröndal ..	17842	27 April ..	45	26 May.
Furnace. (See Gas-furnace, Water-tube furnace.)					
Furniture, Window-	A. S. Coronel ..	17383	17 Dec., 1903	36	28 April.
Gambrel	A. Kilckmann and R. Thomson ..	17796	18 April ..	45	26 May.*
Game. (See Parlour-game, Table-cricket, Table-football.)					
Game, Apparatus for playing	A. Svenson ..	18000	7 June ..	59	7 July.
Gas-furnace	F. Cotton ..	16619	8 July, 1903	42	12 May.
Gas, Making producer and water ..	E. S. Baldwin and H. H. Rayward	17961	26 May ..	..	..
Gear. (See Driving-gear.)					
Gearing. (See Friction-gearing.)					
Generator for locomotive-engine ..	The New Century Engine (Foreign Patents) Company, Limited	17769	13 April ..	45	26 May.
Generator. (See Acetylene-gas generator, Electric generator, Power-generator.)					
Go-cart	W. Hale ..	17719	31 March ..	36	28 April.
Gold-dredging appliance	H. L. Mainland ..	17998	2 June ..	59	7 July.
Gold, Extracting, from ores	H. S. Stark ..	17905	9 May ..	49	9 June.
Gold, Extracting, from ores	O. L. Olden and P. V. Barnard ..	17810	21 April ..	..	..
Gold-saving matting	C. R. Hubbard ..	17854	25 April ..	42	12 May.*
Gold, Separating, from cyanide precipitates	H. L. Read ..	18077	23 June ..	59	7 July.*
Golf-club	L. W. Alexander ..	17736	28 March ..	36	28 April.*
Granulating soap, Apparatus for ..	The Hygienic Soap Granulator Company, Limited	17528	9 Feb. ..	49	9 June.
Grate	A. R. Hardy ..	17784	12 April ..	36	28 April.*
Grate, Register-, Flue for	G. Ross ..	16587	1 July, 1903	36	28 April.
Grub-destroying preparation, "White Pine"	H. H. Montgomery and A. Masters	18001	7 June ..	59	7 July.
Gum from tapped trees, Catching ..	A. J. McPharlin ..	16879	28 Aug., 1903	36	28 April.
Gum. (See also Kauri-gum.)					
Gun-barrel cleaner	A. Svenson ..	18031	13 June ..	54	23 June.*
Gun, Means for counteracting recoil in ..	McClellan Arms and Ordnance Company	17801	19 April ..	45	26 May.
Guttering of candles, Preventing ..	T. A. Nash ..	17826	25 April ..	42	12 May.*
Hair-curler	W. Hinchey ..	18080	23 June ..	59	7 July.*
Hairpin	F. Dovalosky ..	17927	17 May ..	49	9 June.*
Hairpin	F. Dovalosky ..	18105	28 June ..	59	7 July.*
Hammock	E. D. Richards ..	17893	11 May ..	45	26 May.*
Hand-shears	J. H. Harrison and W. M. McIlwrick	17894	11 May ..	45	26 May.*

ALPHABETICAL LIST OF INVENTIONS *continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Hand-truck, Spring ..	T. Kendrick ..	17821	21 April ..	42	12 May.*
Handle from axe-head, Removing ..	J. O. Webber ..	17783	15 April ..	36	28 April.*
Handle in axe, Fitting ..	S. F. Clare ..	17903	4 May ..	54	23 June.
Handle in axe, Fitting ..	S. F. Clare ..	17461	9 Jan. ..	45	26 May.
Handle. (See also Spring-handle, Tin-handle.)					
Harbours, &c., Scouring ..	B. F. Dunn ..	17900	11 May ..	45	26 May.*
Harness-traces ..	G. F. Newman ..	18002	7 June ..	..	..
Harrow, Combined plough and Harvester. (See Potato-harvester.)	W. Snedden ..	17935	20 May ..	49	9 June.*
Hat-pin, Retaining in position ..	K. S. McKinna ..	17876	6 May ..	45	26 May.*
Hay-turning machine ..	W. E. Martin ..	17866	8 June, 1903†	49	9 June.
Heating wax-pots ..	United Shoe Machinery Company	18039	15 June ..	62	21 July.
Hedge-clipper ..	P. Eddy ..	17994	1 June ..	..	..
Hedge-cutter knife..	G. F. Church ..	17015	23 Sept., 1903	49	9 June.
Heel for boot or shoe ..	H. B. Morrison ..	18074	23 June ..	..	..
Heel-pad, Electric ..	L. Nelken ..	17869	29 April ..	49	9 June.
Hinge for doors ..	J. A. Merrett ..	18052	16 June ..	62	21 July.
Holder. (See Book-holder, Brush-holder, Candle-holder, Cow-leg holder, Door-holder, Packing-holder, Skein-holder, Tobacco-plug holder, Wire-mattress holder.)					
Hoop, peg, &c., for parlour-games ..	C. E. Warden ..	17710	30 March ..	36	28 April.*
Horse, Attaching driving-rein to bit for curbing ..	G. T. Allnutt ..	18043	14 June ..	54	23 June.*
Horse-collar ..	J. M. Toft ..	18091	28 June ..	..	..
Horse-controlling device ..	Te Aarutaua ..	17970	30 May ..	49	9 June.*
Horseshoe ..	W. Tarrant ..	17888	7 May ..	49	9 June.
Hose-suspender ..	C. Wheeler ..	17886	9 May ..	49	9 June.
Hydraulic boring-apparatus ..	W. Wolski ..	17957	25 May ..	54	23 June.
Hydraulic press ..	T. H. Mapp ..	17735	5 April ..	42	12 May.
Hydraulic ram ..	W. E. and O. H. Barker	18072	22 June ..	62	21 July.
Hydraulic ram ..	H. Aldenhoven and S. Rosengarten	18009	8 June ..	59	7 July.
Igniter-mechanism for engine..	J. T. Hunter ..	18041	15 June ..	62	21 July.
Incandescent electric lamp and switch ..	G. Sweetser ..	17662	16 Mar. ..	54	23 June.
Indicator, Temperature- ..	J. Gallagher ..	17996	4 June ..	..	..
Inhaling anæsthetics, Apparatus for ..	H. Gunthorp ..	16508	15 June, 1903	36	28 April.
Ink-well ..	H. D. Atkinson ..	17790	16 April ..	36	28 April.*
Insecticide ..	H. H. Montgomery and A. Masters	18001	7 June ..	59	7 July.
Insole ..	J. Morrison ..	17878	30 April ..	45	26 May.*
Internal-combustion engine, Igniter-mechanism for ..	J. T. Hunter ..	18041	15 June ..	..	..
Ironsand into briquettes, Converting ..	T. Rouse and H. Cohn ..	16978	16 Sept., 1903	45	26 May.
Iron-stand and cloth-gripper, Laundry ..	C. H. Black and T. G. Haigh ..	18003	7 June ..	54	23 June.*
Jack, Wheel- ..	D. Dunn ..	18061	21 June ..	..	..
Jar or bottle, Airtight ..	A. S. Baker ..	17767	9 April ..	49	9 June.*
Jig-saw machine for cutting pockets in pulley-styles of windows, Attachment to Judging sawing-events, Apparatus for ..	H. Harrison ..	17939	21 May ..	49	9 June.*
	M. and T. Brown ..	18028	9 June ..	54	23 June.*
Kauri-gum, Bag for collecting..	A. J. McPharlin ..	17059	3 Oct., 1903	36	28 April.
Kauri-gum cleaner..	H. Carter and J. J. Evans	17851	26 April ..	45	26 May.
Kindler, Fire- ..	E. T. Flood ..	17987	1 June ..	54	23 June.*
Knife-cleaner ..	J. Pomeroy ..	18026	1 June ..	54	23 June.*
Knife. (See Hedge-cutter knife, Pruning-knife.)					
Lactic fermentation, Production of pure ..	J. A. Gilruth ..	17940	23 May ..	49	9 June.*
Lamp, Incandescent electric ..	G. Sweetser ..	17662	16 Mar. ..	54	23 June.
Lamp or lantern, Signal ..	The Lamp Manufacturing Company, Limited	17928	17 May ..	49	9 June.
Lamp-wick ..	H. G. Jam-s ..	18037	15 June ..	54	23 June.*
Latch-lock for gates, doors, &c. ..	W. Strange and T. Coverdale ..	17119	19 Oct., 1903	54	23 June.
Laundry iron-stand and cloth-gripper ..	C. H. Black and T. G. Haigh ..	18003	7 June ..	54	23 June.*
Lead and zinc from sulphides, Extracting ..	A. H. Imbert ..	18112	30 June ..	..	..
Leaf-turner, Music..	G. S. Budge ..	16781	11 Aug., 1903	49	9 June.
Leather tire-cover ..	A. V. Philip and H. Hoverd ..	17933	17 May ..	49	9 June.*
Legging-fastener ..	A. O. P. Batley ..	18022	10 June ..	..	..
Letter-envelope ..	A. J. Withers ..	17972	30 May ..	54	23 June.*
Lid of trunk, Stay for keeping open ..	W. Madden and H. Hoverd ..	17780	11 April ..	36	28 April.*
Life-guard for tram-car, &c. ..	W. G. Fraser ..	17759	8 April ..	36	28 April.*
Lift-door and lif.-saving apparatus ..	J. Jamison ..	17880	3 May ..	49	9 June.
Link-blade liner for centrifugal separator..	E. A. Forsberg and B. Ljungström	17843	27 April ..	45	26 May.
Liquids, Apparatus for carbonating ..	H. T. Smith ..	18045	16 June ..	62	21 July.
Liquids, Fermentation of ..	G. Johnson and P. R. Hare ..	17795	4 May, 1903†	..	..
Liquids or semi-liquids, Mixing and circulating ..	F. C. Brown and S. D. McMiken	17982	25 May ..	54	23 June.*
Lock. (See Door-lock, Latch-lock, Sash-lock, Window-lock)					
Locomotive-engine and generator ..	The New Century Engine (Foreign Patents) Company, Limited	17769	13 April ..	45	26 May.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date	No.	Date.
Malt-liquors, Manufacture of ..	M. H. Claussen ..	17771	13 April ..	42	12 May.
Marker, Book- ..	H. Selwood ..	17892	7 May ..	45	26 May.*
Marking board and cabinet, Billiard- ..	H. U. Alcock ..	17757	8 April ..	36	28 April.*
Massage or vibratile apparatus ..	J. H. King ..	17895	11 May ..	49	9 June.
Mat, Non-siltable ..	T. Hall and F. Elvines ..	17889	10 May ..	45	26 May.*
Match-box ..	F. J. Wilson ..	17733	5 April ..	..	..
Match-making machine ..	H. C. La Flamboy ..	17770	13 April ..	45	26 May.
Matting for gold-saving, &c. ..	C. R. Hubbard ..	17854	25 April ..	42	12 May.*
Mattress ..	H. E. Mitchell ..	17937	18 May ..	..	..
Mattress. (See also Wire Mattress.)					
Measuring-apparatus, Tailor's ..	S. Smith ..	17805	19 April ..	42	12 May.*
Measuring-instrument, Electrical ..	J. P. Campbell ..	17875	5 May ..	49	9 June.
Menstruation appliance ..	J. Pomeroy ..	17855	26 April ..	42	12 May.*
Metal, Loading road-truck with ..	F. Cooper ..	17942	21 May ..	49	9 June.*
Milk-cooler ..	W. A. Haxton ..	16581	3 July, 1903	36	28 April.
Milk, Destruction of bacteria in and pre- servation of ..	I. F. Witting ..	17896	11 May ..	45	26 May.*
Milk-pan ..	J. Paterson and E. Johns ..	18086	23 June ..	59	7 July.*
Milk-pasteuriser ..	W. A. J. Dutch ..	17969	30 May ..	49	9 June.*
Milk-strainer ..	F. Gough ..	16820	19 Aug., 1903	45	26 May.
Milk-weigher ..	C. Cooper ..	17288	25 Nov., 1903	45	26 May.
Milk-weigher, Counting and controlling mechanism of ..	D. P. Davidson ..	17999	7 June ..	54	23 June.*
Milking-apparatus ..	B. Bodycomb ..	16676	24 July, 1903	54	23 June.
Milking-appliances, Machine ..	J. Howcroft ..	17863	2 May ..	45	26 May.*
Mitre-cutter bar and stop ..	R. Dunne ..	16662	16 July, 1903	54	23 June.
Mixer. (See Food-mixer.)					
Mixing or circulating materials ..	F. C. Brown and S. D. McMiken ..	17982	25 May ..	54	23 June.*
Mixing-valve for explosive-engine ..	J. P. Campbell ..	17947	25 May ..	54	23 June.
Monkey-wrench ..	W. Gray ..	18094	28 June ..	..	..
Mop, Wash-up ..	H. J. Gentles ..	16859	26 Aug., 1903	54	23 June.
Motor ..	E. Tregear ..	18020	10 June ..	54	23 June.*
Motor cars, Friction-gearing for ..	E. Bergmann ..	17992	1 June ..	59	7 July.
Motor reaper-and-binder ..	M. J. Tehan and T. C. Wright ..	17848	27 April ..	..	..
Motor tire-protector ..	H. J. Whitelaw ..	17712	31 Mar. ..	36	28 April.*
Motor vehicle ..	Olds Motor Works ..	18023	8 June ..	62	21 July.
Motor. (See Steam-turbine motor, Car- bonic-acid motor.)					
Mould. (See Soap-mould, Cake-mould.)					
Mouthpiece for tobacco-pipe ..	C. Peterson ..	17838	27 April ..	..	..
Muffle ..	The Morgan Crucible Company, Limited ..	17776	14 April ..	42	12 May.
Music, Instrument to familiarize sight and sound in ..	W. P. Simmonds ..	17509	3 Feb. ..	42	12 May.*
Music leaf-turner ..	G. S. Budge ..	16781	11 Aug., 1903	49	9 June.
Nail-handling appliance ..	Ah Pat ..	17799	18 April ..	42	12 May.
Name and sign plates, Construction of ..	E. Verey ..	18098	30 June ..	59	7 July.*
Nib. (See Pen-nib.)					
Nightsoil and refuse pan ..	J. Paterson and E. Johns ..	18086	23 June ..	59	7 July.*
Nightsoil-pan, Securing in position cover of ..	J. T. Hunter ..	17978	31 May ..	49	9 June.*
Non-refillable bottle ..	J. King ..	17833	27 April ..	42	12 May.*
Non-refillable bottle ..	R. Dunne ..	17967	23 May ..	49	9 June.*
Non-siltable mat ..	T. Hall and F. Elvines ..	17889	10 May ..	45	26 May.*
Noxious weeds, Destroying ..	A. Grainger ..	17901	11 May ..	45	26 May.*
Numbering and printing machine ..	D., D., A. L., and J. W. Carlaw ..	17997	1 June ..	59	7 July.
Nut-wrench ..	J. Adams ..	18084	22 June ..	..	..
Offal, Treating ..	J. B. Hay and A. J. Daniel ..	17797	18 April ..	42	12 May.*
Oil-engine tractor ..	J. Macalister ..	17762	6 April ..	42	12 May.*
Optical effects, Apparatus for producing ..	C. V. Jenkins ..	17745	7 April ..	31	14 April.*
Ore-concentrator, Actuating shaking-table ..	N. Guthridge, Limited ..	17898	11 May ..	49	9 June.
Ore-concentrator, Shaking-table ..	N. Guthridge, Limited ..	17897	11 May ..	49	9 June.
Ore-concentrator, Shaking-table ..	N. Guthridge, Limited ..	17899	11 May ..	45	26 May.*
Ore crusher and amalgamator ..	H. Jones ..	16797	14 Aug., 1903	49	9 June.
Ores, Extracting gold from ..	H. S. Stark ..	17905	9 May ..	49	9 June.
Ores, Extracting gold from ..	O. L. Olden and P. V. Barnard ..	17810	21 April ..	..	..
Oven, Bakers' ..	C. F. F. Allan ..	17971	30 May ..	49	9 June.*
Package or case, Export ..	G. Cheverton and J. T. Johnson ..	17887	9 May ..	49	9 June.*
Packing-holder for circular saw ..	R. Wales ..	16654	15 July, 1903	54	23 June.
Pan. (See Milk-pan, Nightsoil-pan, Re- fuse-pan.)					
Paper-bag ..	E. G. F. Zohrab and W. C. Greig ..	17913	17 May ..	..	..
Paper, Mixture for making fireproof ..	C. Grosvenor ..	18014	6 June ..	54	23 June.*
Parlour-game, Hoop, peg, &c., for ..	C. E. Warden ..	17710	30 Mar. ..	36	28 April.*
Pasteuriser, Milk- ..	W. A. J. Dutch ..	17969	30 May ..	49	9 June.*
Patterns, Chart for garment- ..	M. E. McLeod ..	16183	4 April, 1903	59	7 July.
Pedal. (See Bicycle-pedal.)					
Peg, hoop, &c., for parlour-game ..	C. E. Warden ..	17710	30 Mar. ..	36	28 April.*
Pen-nib attachment for retaining ink ..	R. L. Stewart ..	17813	21 April ..	42	12 May.*
Pen. (See Fountain-pen.)					
Petrol-carburettor ..	W. Stokes, jun. ..	17960	26 May ..	49	9 June.*
Phormium tenax. (See Flax.)					
Piano-attachment ..	F. W. Gardiner ..	17870	4 Ma ..	..	..

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Pie-making machine	W. Wood	17916	14 May ..	45	26 May.*
Pigeon-trap	J. Rose	17959	26 May ..	49	9 June.*
Pig-trough	P. J. Devine	18095	24 June ..	59	7 July.*
Pin. (See Brooch-pin, Hairpin, Hat-pin.)					
Pipe. (See Concrete pipe, Drain-pipe, Earthenware pipe, Socket-pipe, Tobacco-pipe.)					
Plant-pot	A. J. Eggleton	17858	25 April ..	45	26 May.
Plough, Actuating lever-wheel of multi-furrow	R. Paterson	16580	3 July, 1903	36	28 April.
Plough and harrow, Combined	W. Snedden	17935	20 May ..	49	9 June.*
Plough-coulter, Spring-attachment for	W. Williams	16673	23 July, 1903	45	26 May.
Plough. (See Disc-plough, Ditch-plough, Water-race plough.)					
Post-hole borer	A. Currie and R. Anderson	16916	4 Sept., 1903	54	23 June.
Pot. (See Flower-pot, Plant-pot, Wax-pot.)					
Potato-harvester	F. McDougall	17742	6 April ..	31	14 April.*
Power-generator, Tidal-water	H. M. Meinung	17814	21 April ..	54	23 June.
Power, Transmission of	E. Dugan	17921	19 May ..	49	9 June.*
Preservation of milk	I. F. Witting	17896	11 May ..	45	26 May.*
Preserving timber, Method of	R. W. Harvey	17678	18 Mar. ..	49	9 June.*
Press. (See Baling-press, Hydraulic press.)					
Printer and sizer, Butter	A. Christie	18007	4 June ..	59	7 July.
Printing and numbering machine	D., D., A. L., and J. W. Carlaw	17997	1 June ..	59	7 July.
Printing-machine	T. M. North	17845	15 May, 1903†	62	21 July.
Produce and water gas, Making	E. S. Baldwin and H. H. Rayward	17961	26 May ..	..	..
Projectile	J. Pomeroy	18025	1 June ..	54	23 June.*
Protector, Ladies'	A. M. Normanby	17934	18 May ..	49	9 June.*
Protector, Ladies'	F. W. Rodgers	18068	18 June ..	59	7 July.*
Protector. (See Motor tire-protector.)					
Protectors, Machine for making and inserting	United Shoe Machinery Company	17922	19 May ..	49	9 June.*
Pruning-knife	J. Pearson	18034	14 June ..	62	21 July.*
Pulley and vehicle wheels	T. Gare	17989	1 June ..	59	7 July.
Pulleys, Driving-gear for	C. F. Jaehn and W. Emling	17949	25 May ..	54	23 June.
Pulling-over machine	United Shoe Machinery Company	16817	10 Aug., 1903	54	23 June.
Pulling-over machine	United Shoe Machinery Company	18018	9 June ..	59	7 July.
Pump. (See Californian pump, Centrifugal pump.)					
Pumping water, Apparatus for	A. E. and H. G. Bradley	18102	30 June ..	..	..
Puzzle, Advertising-	H. T. Harding and A. F. Billing	17829	25 April ..	42	12 May.
Rabbits, Compound for destroying	H. H. Patterson and J. R. Stevenson	17779	14 April ..	42	12 May.
Rabbit-trap	M. Slattery	17753	7 April ..	..	..
Race-starter	J. A. Winten	17426	30 Dec., 1903	54	23 June.
Race-starting appliance	R. S. Reid	17773	13 April ..	..	..
Rack. (See Toasting-rack, Curd-rack.)					
Raft, Ship's	T. J. Ross	18079	23 June ..	59	7 July.*
Railway-car, &c., Door for	H. J. Manson	16611	10 July, 1903	49	9 June.
Railway signalling apparatus	G. M. Scott	17891	6 May ..	45	26 May.*
Rain-excluder for door	J. Lindsay	16651	17 July, 1903	59	7 July.
Rain-proof coat	T. Morris	17788	12 April ..	36	28 April.*
Ram. (See Hydraulic ram.)					
Reading desk and table, Aerial	J. Jamison	17930	16 May ..	54	23 June.
Reaper-and-binder, Motor	M. J. Tehan and T. C. Wright	17848	27 April ..	..	..
Recoil, Counteracting, in guns	McClellan Arms and Ordnance Company	17801	19 April ..	45	26 May.
Recorder, Vote-	F. W. Paterson	17915	14 May ..	45	26 May.*
Refuse and nightsoil pan	J. Paterson and E. Johns	18086	23 June ..	59	7 July.*
Register-grate, Flue for	G. Ross	16587	1 July, 1903	36	28 April.
Register, Voting-	W. Dall	18111	30 June ..	62	21 July.*
Rein, Attaching, to bit for curbing horse	G. T. Allnutt	18043	14 June ..	54	23 June.*
Reservoir, Controlling contents of high-pressure soda-water	A. J. L. Eokersley	17721	31 Mar. ..	36	28 April.
Retainer. (See Umbrella-tip retainer.)					
Riding-saddle	A. Lappan	16866	27 Aug., 1903	49	9 June.
Riding-saddle	A. Little	17812	21 April ..	42	12 May.*
River-bottoms, &c., Scouring	B. F. Dunn	17900	11 May ..	45	26 May.*
Road-truck, Loading, with metal	F. Cooper	17942	21 May ..	49	9 June.*
Road-wheel, Expandable	J. J. Coakley and A. C. McCallum	17603	2 Mar. ..	54	23 June.
Rock-drill, Lifting and turning	C. Simmons	17521	18 Mar., 1903†	45	26 May.
Roofing, corrugated-iron, Securing, on stacks	A. J. Ross	16614	10 July, 1903	45	26 May.
Rotary electric machine	J. P. Campbell	18066	21 June ..	62	21 July.
Rotary engine, Reversible	H. E. Parry, R. W. Thomson, and W. J. Farley	18078	23 June ..	62	21 July.
Roundabout, Means for actuating	F. C. H. Hammerich	17765	12 April ..	36	28 April.*
Rug-fastening attachment, Horse and cow	P. Harrison	17750	6 April ..	31	14 April.*
Saddle. (See Riding-saddle.)					
Safety-appliance for vehicle	J. Meek	17755	7 April ..	36	28 April.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Salt, Manufacture of	H. Tee	18050	16 June ..	62	21 July.
Sandal	O. Petersen	17304	26 Nov., 1903	49	9 June.
Sash adjuster and fastener	J. Jamison	17859	26 April ..	45	26 May.
Sash-fastener	R. Baxter	16559	24 June, 1903	42	12 May.
Sash-fastener	L. Pearce	17990	1 June ..	59	7 July.
Sash-mover lock and alarm	A. R. Hardy	17785	12 April ..	36	28 April.*
Sash-mover and lock	R. N. Adams and A. R. Hardy ..	17786	12 April ..	36	28 April.*
Sash. (See also Window-sash.) ..					
Sawing-events, Apparatus for judging ..	M. and T. Brown	18028	9 June ..	54	23 June.*
School-desk, Easel-attachment for ..	E. Hooper	17943	23 May ..	54	23 June.
Scoop, Hand-	H. S. Anderson	18096	24 June ..	59	7 July.*
Scouring river-bottoms	B. F. Dunn	17900	11 May ..	45	26 May.*
Scutching attachment, Water- ..	H. Seifert	17819	20 April ..	42	12 May.*
Seal, Bottle-	L. B. Schram	17706	29 Mar. ..	36	28 April.*
Seed-cleaner, Rye-grass	J. B. Waters, W. Andrews, and A. W. Beaven ..	17743	6 April ..	42	12 May.
Seed-separator	F. R. Dennison	17715	21 April ..	45	26 May.
Seed-sower	J. Gray	16528	19 June, 1903	49	9 June.
Seed sower	J. Gray	17968	30 May ..	54	23 June.
Seed sower and ridger	T. W. Soper	18093	28 June ..	59	7 July.*
Separator. (See Centrifugal separator, Seed-separator.) ..					
Sewage over filter-bed, Distributing ..	J. P. Frengley	17782	14 April ..	36	28 April.*
Sewage, Treatment of	J. P. Frengley	18081	24 June ..	59	7 July.*
Shackle	W. Beamish	17794	14 April ..	42	12 May.*
Shackle	F. T. Page	18021	10 June ..	54	23 June.*
Shears. (See Hand-shears.) ..					
Shears, Wolseley machine-	J. Howard	17836	27 April ..	45	26 May.
Sheep-dip, Traversing-feeder to ..	J. Coop	17908	14 May ..	..	..
Sheep dipping or loading, Alley-way for ..	C. Rask and E. A. Cameron ..	17731	30 Mar. ..	36	28 April.*
Ships, Anti-fouling composition for ..	J. B. Haunay	18036	15 June ..	..	..
Ship's boat, Releasing and lowering ..	J. Stuart	17890	10 May ..	49	9 June.
Ship's raft	T. J. Ross	18079	23 June ..	59	7 July.*
Shoe. (See Boot and shoe, Horseshoe.) ..					
Shot-making machine	A. G. Baker, C. and G. Croxford, and J. McQueen ..	16303	1 May, 1903	49	9 June.
Shutter or blind, Collapsible	G. McMullen	17832	27 April ..	42	12 May.
Sights and fittings for small-arms ..	J. T. Peddie	17919	18 May ..	49	9 June.
Signal-apparatus	Hall Signal Company	17917	18 May ..	54	23 June.
Signalling-apparatus, Railway	G. M. Scott	17891	6 May ..	45	26 May.*
Sign plates, Name and	E. Verey	18098	30 June ..	59	7 July.*
Skein holder, Wool-	S. H. Day	18060	21 June ..	62	21 July.*
Skiving-machine	United Shoe Machinery Company ..	17923	19 May ..	49	9 June.*
Skiving-machine for boots and shoes ..	United Shoe Machinery Company ..	17840	27 April ..	42	12 May.*
Slimes, Pressure-filter for	W. A. Prichard	18044	15 June ..	62	21 July.
Slimes, Purification of	H. L. Read	18076	23 June ..	59	7 July.*
Small-arms, Sights and fittings for ..	J. T. Peddie	17919	18 May ..	49	9 June.
Smoke-consumer and fuel-economiser ..	G. J. Cartwright	17945	25 May ..	54	23 June.
Smoke-consumer and spark-arrester ..	S. Nicolson	18012	8 June ..	54	23 June.*
Snatch-block, Releasing	J. S. Keith, J. Hutcheson, and T. Wilson ..	17904	12 May ..	..	..
Snips	J. H. Harrison and W. M. McIlwrick ..	17894	11 May ..	45	26 May.*
Soap-mould and granulator	The Hygienic Soap Granulator Company, Limited ..	17528	9 Feb. ..	49	9 June.
Sock, Electric	J. W. Fowler	18017	9 June ..	54	23 June.*
Socket-pipes	J. Paterson and H. M. Corin ..	18090	25 June ..	62	21 July.*
Soda-water reservoir, Controlling contents of ..	A. J. L. Eckersley	17721	31 Mar. ..	36	28 April.
Sole. (See Boot-sole.)					
Sower. (See Seed-sower.)					
Spanner, Shifting-	A. W. Gillies	18083	24 June ..	59	7 July.*
Spark-arrester	G. Grimmer	18089	27 June ..	59	7 July.*
Spark-arrester and draught-producer ..	H. S. Wainwright	17713	25 Sept., 1903†	36	28 April.
Spark-arrester and draught-producer ..	H. S. Wainwright	17714	15 Oct., 1903†	36	28 April.
Spark-arrester and smoke-consumer ..	S. Nicolson	18012	8 June ..	54	23 June.*
Spring-handle for bucket	S. H. Day	17652	14 Mar. ..	36	28 April.*
Spring hand-truck	T. Kendrick	17821	21 April ..	42	12 May.*
Spring winder for eyeglass-cord	A. H. Brownley	16544	22 June, 1903	36	28 April.
Sprinkler-attachment for bottle	G. L. Cole	16742	5 Aug., 1903	45	26 May.
Sprocket driving-gear for cycles	W. Trainor and C. F. R. Pincott ..	17966	26 May ..	49	9 June.*
Stacks, Securing corrugated-iron roofing on ..	A. J. Ross	16614	10 July, 1903	45	26 May.
Stamping-machine	United Shoe Machinery Company ..	17841	27 April ..	42	12 May.*
Stamping-machine, Coin-freed	E. Moss	18070	20 June ..	59	7 July.*
Standard. (See Fencing-standard.) ..					
Steam-boiler, Fire-bridge for	J. Eckersley and W. Cable ..	18051	16 June ..	59	7 July.*
Steam-boiler, Water-tube furnace for ..	J. M. Harding	17700	23 Mar. ..	36	28 April.*
Steaming food for animals, Apparatus for ..	W. J. Roebuck	18071	22 June ..	59	7 July.*
Steam-turbine motor	W. Whitlock	17744	7 April ..	31	14 April.*
St-ncil plates	R. Wales	17933	28 May ..	54	23 June.*
Stiffener for bottoms of legs of trousers ..	L. Marks	17763	4 April ..	42	12 May.
Stirrer, Mechanical	E. S. Smith	16807	13 Aug., 1903	54	23 June.
Stirrup iron, Spring	P. B. Ross	17938	21 May ..	49	9 June.*
Stop-valve, Ball-cock and	R. Orwin and A. Jack	17834	27 April ..	42	12 May.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Strainer. (See Milk-strainer, Wire-strainer.)					
Stretcher. (See Trouser-stretcher.)					
Strips, Cutting material into ..	A. G. Baker	17618	2 Mar. ..	49	9 June.
Suspender. (See Clothes-suspender, Coat-suspender, Hose-suspender.)					
Syringe, Vaginal	W. J. Gruss	17781	14 April ..	42	12 May.
Table-bracket	H. F. Lattey and W. G. Somerville	16564	26 June, 1903	36	28 April.
Table-cricket	W. Davis	18024	8 June ..	54	23 June.*
Table-cricket	S. Churchill-Otton and M. P. Dunlop	17837	27 April ..	42	12 May.*
Table-football	A. W. Ford	18035	15 June ..	54	23 June.*
Table, Reading desk and ..	J. Jamison	17930	16 May ..	54	23 June.
Table. (See Billiard-table, Dining and billiard table, Drawing-table.)					
Tailor's measuring-apparatus ..	S. Smith	17805	19 April ..	42	12 May.*
Tap. (See Flush-tap.)					
Target, Electrically operated ..	G. A. Peters	18006	4 June ..	59	7 July.
Telegraph-apparatus	H. C. Braun	18064	21 June ..	62	21 July.*
Telegraphic transmitter	A. Battaglia-Guerrieri ..	17824	25 April ..	49	9 June.
Telephone, Rotating diaphragm for	S. Churchill-Otton ..	17723	31 Mar. ..	36	28 April.
Temperature-indicator and fire-alarm	J. Gallagher	17996	4 June ..	..	..
Tension of elevator-belt, Regulating	A. Werner, W. G. Breach, and J. Fussell	17806	19 April ..	42	12 May.*
Thimble	A. O. Grundy	17804	19 April ..	42	12 May.*
Threshing-machine	W. Andrews and A. W. Beaven ..	17211	5 Nov., 1903	45	26 May.
Ticket-dater	W. P. Nolan	16212	6 April, 1903	45	26 May.
Ticket punching and recording, Bell-sounding instrument for	E. Cornwall-Cook ..	17885	5 May ..	45	26 May.*
Tidal-water power-generator ..	H. M. Meinung	17814	21 April ..	54	23 June.
Timber, Preserving	R. W. Harvey	17678	18 Mar. ..	49	9 June.*
Tin handle and support	W. G. Hancox	16374	19 May, 1903	36	28 April.
Tins, Fixing tops and bottoms on ..	T. Harkins	17850	26 April ..	45	26 May.
Tins or cans, Closing filled ..	G. W. Berry	18047	16 June ..	54	23 June.*
Tins or cans, Keyless tearing-strip for	G. W. Berry	18049	16 June ..	54	23 June.*
Tins or cans, Vents of	G. W. Berry	18048	16 June ..	54	23 June.*
Tip-wagon for traction haulage	F. Cooper	17941	21 May ..	49	9 June.*
Tire. (See Motor tire.)					
Tire	J. Thomson	17760	6 April ..	36	28 April.*
Tire, Compound for manufacture of	J. Turnbull and S. Nicolson ..	17909	16 May ..	45	26 May.*
Tire-cover	T. S. Skeates	18059	13 June ..	59	7 July.*
Tire-cover	W. R. Crook	17963	21 May ..	54	23 June.*
Tire-cover	H. Lightband	17548	17 Feb. ..	45	26 May.
Tire-cover, Leather	A. V. Philip and H. Hoverd ..	17933	17 May ..	49	9 June.*
Toasting-rack	J. Paterson	17856	27 April ..	42	12 May.*
Tobacco-pipe cleaner	M. A. E. Kelly	17747	8 April ..	36	28 April.*
Tobacco-pipe mouthpiece	C. Peterson	17838	27 April ..	..	..
Tobacco-pipe, Preventing stopping in	A. M. McDonald	18088	27 June ..	59	7 July.*
Tobacco-plug holder and cutter ..	J. H. Cobb	16291	29 April, 1903	42	12 May.
Torpedo-boats, Defensive armour for	E. H. Featon	18055	17 June ..	59	7 July.*
Totalisator	G. H. Wallace and W. H. Lowthen	17975	31 May ..	..	..
Totalisator	G. H. Wallace and W. H. Lowthen	17974	31 May ..	49	9 June.*
Totalisator	D. M. Robertson ..	17882	7 May ..	45	26 May.*
Traces, Harness	G. F. Newman	18002	7 June ..	..	..
Traces to whipple-tree, Attaching	J. Morgan	18067	21 June ..	59	7 July.*
Traction haulage, Tip-wagon for	F. Cooper	17941	21 May ..	49	9 June.*
Tractor. (See Oil-engine tractor, Engine-tractor.)					
Tram-car, Life-guard for	W. G. Fraser	17759	8 April ..	36	28 April.*
Tram-car, Life-saving attachment for	J. W., J. S., and W. H. Faulkner	17929	16 May ..	49	9 June.*
Trap. (See Bird-trap, Pigeon-trap, Rabbit-trap.)					
Travelling-race for sheep-dipping	C. Rask and E. A. Cameron ..	17731	30 Mar. ..	36	28 April.*
Traversing-feeder for sheep-dip ..	J. Coop	17908	14 May ..	..	..
Tray, Domestic draining	F. Staines	18010	9 June ..	59	7 July.
Trees, Catching gum from tapped ..	A. J. McPharlin	16879	28 Aug., 1903	36	28 April.
Trolley-pole for electric car ..	J. W. Rooney	17818	20 April ..	42	12 May.*
Trolley-wheel of electric car ..	S. Symington	17907	14 May ..	49	9 June.
Trough, Pig	P. J. Devine	18095	24 June ..	..	..
Trouser-stiffener	L. Marks	17763	11 April ..	42	12 May.
Trouser-stretcher	G. Holford	16704	29 July, 1903	45	26 May.
Truck. (See Hand-truck, Road-truck.)					
Trunk-lid open, Stay for keeping ..	W. Madden and H. Hoverd ..	17780	11 April ..	36	28 April.*
T-square, drawing-board and easel ..	E. Gillow	16969	12 Sept., 1903	54	23 June.
Turbine. (See Steam-turbine, Fluid-pressure turbine.)					
Turning-machine, Hay, clover, &c. ..	W. E. Martin	17866	8 June, 1903†	49	9 June.
Umbrella-tip retainer	P. Kahlenberg	16605	6 July, 1903	42	12 May.
Upholstery and carpet beater ..	F. O. R. Jagusch	17803	15 April ..	42	12 May.
Urn	W. T. Keogh	18013	4 June ..	54	23 June.*
Vaginal syringe	W. J. Gruss	17781	14 April ..	42	12 May.
Valve. (See Stop-valve, Exhaust-valve, Mixing-valve.)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Vehicle and pulley wheels	T. Gare	17989	1 June ..	59	7 July.
Vehicle-bearings	E. and C. Johanson	17925	19 May ..	49	9 June.
Vehicle draw-bar attachment	G. S. Stevenson	16458	9 June, 1903	36	28 April.
Vehicle, Safety-appliance for	J. Meek	17755	7 April ..	36	28 April.*
Venetian-blind	G. M. Scott	18103	28 June ..	59	7 July.*
Vents of tins or cans	G. W. Berry	18048	16 June ..	54	23 June.*
Vermin-destruction compound	H. H. Patterson and J. R. Stevenson	17779	14 April ..	42	12 May.
Vibratile or massage apparatus	J. H. King	17895	11 May ..	49	9 June.
Voltage of alternating current, Varying	W. E. Hughes	17872	4 May ..	49	9 June.
Voltage of electric generator, Controlling	Electric and Train-lighting Syndicate, Limited	17953	25 May ..	..	..
Vote-recorder	F. W. Paterson	17915	14 May ..	45	26 May.*
Voting-register	W. Dall	18111	30 June ..	62	21 July.*
Wagon. (See Tip-wagon, Dumping and spreading wagon.)					
Wall-bracket	H. F. Lattey and W. G. Somerville	16564	26 June, 1903	36	28 April.
Walls, Construction of	P. R. Hudson	17881	7 May ..	45	26 May.*
Wardrobe	S. W. Bonsall	17950	25 May ..	54	23 June.
Washer to prevent nut working loose	J. Penrose and W. Osborn	17883	6 May ..	49	9 June.*
Washing and dressing fibre	A. L. J. Tait	17683	22 Mar. ..	36	28 April.
Washing and scraping flax	C. E. E. Smith	17973	27 May ..	49	9 June.*
Washing-machine	J. Arnold	18029	13 June ..	62	21 July.
Washing-machine	C. Butler	17338	3 Dec., 1903	54	23 June.
Washing-machine	R. F. Marsh	17988	1 June ..	..	..
Wash-up mop	H. J. Gentles	16859	26 Aug., 1903	54	23 June.
Water, Apparatus for pumping	A. E. and H. G. Bradley	18102	30 June ..	..	..
Water-closet flush	T. W. May	16600	8 July, 1903	45	26 May.
Water-closet flush	T. W. May	17944	19 May ..	49	9 June.*
Water, Conveying, to dredge	W. Sasse	17902	9 May ..	49	9 June.*
Water gas, Making producer and	E. S. Baldwin and H. H. Rayward	17961	26 May ..	..	..
Waterproof coat	S. Weingott and Sons, Limited	18030	13 June ..	54	23 June.*
Waterproof dubbin	A. Morris	17830	25 April ..	45	26 May.*
Water, Putting down concrete beneath	J. Davies	18058	18 June ..	59	7 July.*
Water-race plough	W. H. Clement	18069	20 June ..	59	7 July.*
Water-scutching attachment	H. Seifert	17819	20 April ..	42	12 May.*
Water-tube furnace for steam-boiler	J. M. Harding	17700	23 Mar. ..	36	28 April.*
Water-wheel	G. S. Stevenson	17993	31 May ..	54	23 June.*
Wax-pots, Heating	United Shoe Machinery Company	18039	15 June ..	62	21 July.
Weatherboards, Substitution of steel and iron for	J. Campbell	17985	30 May ..	..	..
Weed-eradicator	W. A. P. Sutton	17995	1 June ..	54	23 June.*
Weeds. (See Noxious.)					
Weigher. (See Milk-weigher.)					
Wheel-jack	D. Dunn	18061	21 June ..	..	..
Wheel. (See Water-wheel, Road-wheel, Vehicle and pulley wheels.)					
Whipple-tree, Attaching traces to	J. Morgan	18067	21 June ..	59	7 July.*
Wick, Lamp	H. G. James	18037	15 June ..	54	23 June.*
Window-fastener	P. Gavin	16545	22 June, 1903	42	12 May.
Window-furniture	A. S. Coronel	17383	17 Dec., 1903	36	28 April.
Window, Jig-saw machine for cutting pockets in pulley-styles of	H. Harrison	17939	21 May ..	49	9 June.*
Window-lock	A. Parker	17955	25 May ..	49	9 June.*
Window-sash balance	A. G. Jackson	18062	16 June ..	..	..
Window-sash, Balancing	J. Petrie	18092	28 June ..	59	7 July.*
Window-sash, Draught and dust excluder for	A. Parker	17956	25 May ..	49	9 June.*
Window-sash hanger	A. Mole	17715	31 Mar. ..	54	23 June.
Window-sash lift	J. Penrose and W. Osborn	17883	6 May ..	49	9 June.*
Window-sash, Means for sustaining	L. B. Horrocks	17774	13 April ..	42	12 May.*
Window-sash, Raising, lowering, and retaining	C. A. Bergersen	17104	15 Oct., 1903	59	7 July.
Wire-coiler	R. and F. Fenwick	16830	21 Aug., 1903	45	26 May.
Wire-fence dropper	G. Powell	17764	11 April ..	42	12 May.
Wire-fence dropper	A. Georgetti	17772	13 April ..	36	28 April.*
Wire mattress	D. McKenzie	17931	17 May ..	49	9 June.*
Wire-mattress holder	N. Hill	17635	5 Mar. ..	36	28 April.*
Wire strainer, winder, and fixer	J. B. R. Davidson and J. W. Borland	17877	6 May ..	45	26 May.*
Wolseley machine-shears	J. Howard	17836	27 April ..	45	26 May.
Wool-scouring apparatus	A. Weaver	17746	8 April ..	42	12 May.
Wrench. (See Monkey-wrench, Nut-wrench.)					
Yeast, Production of	N. H. Claussen	17771	13 April ..	42	12 May.
Zinc and lead, Extracting, from their sulphides	A. H. Imbert	18112	30 June ..	..	..

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER
ENDING 30TH JUNE, 1904.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Æolian Company, The ..	New York, U.S.A. ..	9	4733, 4	25 May ..	..	..
Aktiengesellschaft Für Feinmechanik Vormals Jetter and Scheerer	Tuttlingen, Germany ..	11	4670	14 April ..	36	28 April.
Atkins, H. ..	Cape Town, Cape Colony	42	4516	13 Jan. ..	54	23 June.
Australian Manufacturing and Import- ing Company, The	Wellington, N.Z. ..	48	4766	13 June ..	54	23 June.
Barnett Company, G. and H. ..	Philadelphia, U.S.A. ..	12	4679	21 April ..	36	28 April.
Barr, J. ..	Wellington, N.Z. ..	1	4749, 4750	6 June ..	54	23 June.
Baxter, J. S. ..	Invercargill, N.Z. ..	42	4773	18 June ..	54	23 June.
Beattie, Lang, and Co. ..	Wellington, N.Z. ..	42	4776	18 June ..	..	..
Benjamin and Co., D. ..	Dunedin, N.Z. ..	45	4789	27 June ..	59	7 July.
Blackie, H. G. ..	Auckland, N.Z. ..	42	4683, 6	22 April ..	36	28 April.
Blackie, H. G. ..	Auckland, N.Z. ..	42	4684, 5	22 April ..	..	..
Blau, J., and another ..	Buda-Pesth, Hungary ..	12	4729	23 May ..	45	26 May.
Brigham, J., and another ..	Manchester, Eng. ..	3	4720	14 May ..	..	..
British-American Tobacco Company, Limited	London, Eng. ..	45	4386	18 Sept., 1903	36	28 April.
British-American Tobacco Company, Limited	London, Eng. ..	45	4688	22 April ..	36	28 April.
Brown, Limited, R. ..	Glasgow, Scot.; London, Eng.	43	4759	9 June ..	54	23 June.
Brown, F. ..	Wellington, N.Z. ..	39	4785	23 June ..	59	7 July.
Bycroft and Co. ..	Palmerston North, N.Z.	22	4791, 2	30 June ..	59	7 July.
Chrystall and Co. (See Neill and Co., Limited.)						
Clemson, G. N. ..	Middleton, U.S.A. ..	12	4711, 2	6 May ..	45	26 May.
Close, J., and another ..	Napier ..	43	4751-3	6 June ..	54	23 June.
Cocker, H. ..	New Plymouth, N.Z. ..	42	4611	16 Mar. ..	49	9 June.
Coles and Co., G. A. ..	Auckland, N.Z. ..	38	4682	22 April ..	45	26 May.
Craig, J. J. ..	Auckland, N.Z. ..	6	4772	17 June ..	..	..
Craig, J. J. ..	Auckland, N.Z. ..	6	4778	21 June ..	59	7 July.
Crompton and Bros., Limited, J. R. ..	Bury, Eng. ..	39	4731	25 May ..	49	9 June.
Day, Son, and Hewitt. (See T. G. and G. S. Hewitt.)						
Deimel Fabric Company, The ..	London, Eng. ..	38	4610	16 Mar. ..	36	28 April.
Dried Milk Company, Limited, The ..	London, Eng. ..	42	4710	6 May ..	42	12 May.
Elder Art Company, D. M. (See D. Elder.)						
Elder, D. ..	Christchurch, N.Z. ..	39	4771	15 June ..	..	..
Forbes, E. J. ..	Sydney, N.S.W., and Wellington, N.Z.	8	4748	4 June ..	49	9 June.
Frimley Canning Factory ..	Hastings, N.Z. ..	42	4735-9	25 May ..	49	9 June.
Gallagher, Limited ..	Belfast, Ireland ..	45	4658, 9, 4660, 1, 2	6 April ..	31	14 April.
Gavin, Gibson, and Co. ..	Melbourne, Vic. ..	38	4415	13 Oct., 1903	42	12 May.
Gavin, Gibson, and Co. ..	Melbourne, Vic. ..	38	4457	26 Nov., 1903	49	9 June.
Graaff and Co., G.m.b.H. ..	Berlin, Germany ..	6	4756	8 June ..	54	23 June.
Guthridge, Limited, N. ..	Australia and N.Z. ..	20	4090	14 Feb., 1903	49	9 June.
Hall and Co., Limited, J. ..	Christchurch, N.Z. ..	42	4746	2 June ..	59	7 July.
Harper and Co. Proprietary, Limited, R.	Melbourne, Vic. ..	42	4535	21 Jan. ..	49	9 June.
Harvey, W. J. ..	Auckland, N.Z. ..	3	4642	5 April ..	31	14 April.
Hayman and Co., P. ..	Dunedin, N.Z. ..	12	4730	23 May ..	45	26 May.
Hewitt, G. S., and another ..	London, Eng. ..	2	4695	27 April ..	49	9 June.
Hewitt, T. G., and another ..	London, Eng. ..	2	4695	27 April ..	49	9 June.
Hibbert, M., and another ..	Manchester, Eng. ..	3	4720	14 May ..	..	..
Hibbert, W. (See J. Brigham and M. Hibbert.)						
Isaacs, H., and another ..	Dunedin, N.Z. ..	12	4729	23 May ..	45	26 May.
Kilpatrick, R. ..	Wellington, N.Z. ..	42	4705	4 May ..	42	12 May.
Leibner, A. ..	Melbourne, Vic. ..	42	4702	27 April ..	..	..
Lever Bros., Limited ..	Balmain, N.S.W. ..	50, 48, 47, 47, 48, 2, 3, 47, 50, 47, 48	4645-55	6 April ..	31	14 April.
Liquid Ozone Company, The ..	Chicago, U.S.A. ..	3	4767	15 June ..	54	23 June.
Lonsdale Bros. and Co. ..	Christchurch, N.Z. ..	8, 12	4763, 4	13 June ..	54	23 June.
Lonsdale Bros. and Co. ..	Christchurch, N.Z. ..	14	4765	13 June ..	62	21 July.
Lonsdale Bros. and Co. ..	Christchurch, N.Z. ..	..	4774	18 June ..	62	21 July.
Makower and Co. Proprietary, Limited, M.	Melbourne, Vic. ..	24, 31	4656, 7	6 April ..	36	28 April.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Marshall's Chemical Company, Limited	Dunedin, N.Z.	50	4703	3 May	42	12 May.
Marshall's Chemical Company, Limited	Dunedin, N.Z.	3	4707	4 May	42	12 May.
Mathews and Co., Limited, R.	London, Eng.	43	4770	15 June	54	23 June.
McKie, T.	Melbourne, Vic.	38	4784	23 June	59	7 July.
Meadows, F. N. R.	Wellington, N.Z.	42	4706	4 May	42	12 May.
Meadows, F. N. R.	Wellington, N.Z.	42	4722	16 May	..	..
Melotte, J.	Remicourt, Belgium	7	4515	13 Jan.	42	12 May.
Mercer and Mitchell	Dunedin, N.Z.	42	4744	30 May	49	9 June.
Midgley and Sons, Limited, S. T.	Leeds, Eng.	38	4614	18 Mar.	49	9 June.
Miller, T.	Masterton, N.Z.	3	4262	25 June, 1903	49	9 June.
Mitchell, A.	Christchurch, N.Z.	38	4643	5 April	31	14 April.
Morley, I. and R.	London, Eng.	38	4713	6 May	59	7 July.
Morrin, Limited, T. and S.	Auckland, N.Z.	7	4708, 9	6 May	..	..
Nathan and Co., Limited, J.	Wellington, N.Z.	5	4692	26 April	42	12 May.
Nathan and Co., Limited, J.	Wellington, N.Z.	50	4704	4 May	42	12 May.
Nathan and Co., Limited, J.	Wellington, N.Z.	42	4726	19 May	45	26 May.
Nathan and Co., Limited, J.	Wellington, N.Z.	42	4775	18 June	54	23 June.
National Cattle Food Company	Melbourne, Vic.	42	4725	19 May	49	9 June.
National Food Company, The	Niagara Falls, U.S.A.	42	4678	21 April	36	28 April.
Neal, M. A., and another	Napier, N.Z.	43	4751-3	6 June	54	23 June.
Neill and Co., Limited	Christchurch, N.Z.	50	4740	25 May	54	23 June.
Neill and Co., Limited	Christchurch, N.Z.	47, 50	4786, 7	23 June	59	7 July.
Nelson, A. M.	Dunedin, N.Z.	50	4701	27 April	42	12 May.
New Home Sewing Machine Company, The	Orange, N.S.W.	6	4696	27 April	42	12 May.
Oates, Lowry, and Company	Christchurch, N.Z.	22	4681	21 April	36	28 April.
Pacific Hardware and Steel Company, The	San Francisco, U.S.A.	6	4640	31 Mar.	42	12 May.
Pacific Hardware and Steel Company, The	San Francisco, U.S.A.	6	4675	19 April	45	26 May.
Paterson and Co., A. S.	Wellington, N.Z.	42	4714-7	10 May	42	12 May.
Paterson and Co., A. S.	Wellington, N.Z.	42	4718	11 May	45	26 May.
Paterson and Co., A. S.	Wellington, N.Z.	42	4719	12 May	45	26 May.
Paterson and Co., A. S.	Wellington, N.Z.	42	4742, 3	26 May	49	9 June.
Paterson and Co., A. S.	Wellington, N.Z.	42	4741	26 May	54	23 June.
Paterson, Mossman, and Co.	Hastings, N.Z.	42	4665	8 April	..	..
Paterson, H. H., and another	June, N.S.W.	2	4669	14 April	36	28 April.
Patterson, J. R.	Wellington, N.Z.	42	4794	30 June	62	21 July.
Pearson, Dr.	Christchurch, N.Z.	3	4667	13 April	36	28 April.
Pidgeon and Co., Limited, E. W.	Christchurch, N.Z.	22	4721	16 May	45	26 May.
Pontnewydd Sheet and Galvanising Company, Limited, The	London, England	5	4723	18 May	..	..
Portland Cement Fabrik, Hemmoor	Hemmoor, Germany	17	4732	25 May	..	..
Preservaline Manufacturing Company, The	New York, U.S.A.	42	4398	1 Oct., 1903	36	28 April.
Price, P. C.	Wanganui, N.Z.	22	4783	22 June	59	7 July.
Reddaway and Co., Limited, F.	Manchester, Eng.	50	4700	28 April	45	26 May.
Ross and Son, W.	Port Ahuriri, N.Z.	50	4747	4 June	..	..
Rimmer, S. L. P.	Auckland, N.Z.	42	4727	20 May	49	9 June.
Russell, T.	Auckland, N.Z.	3	4697	28 April	42	12 May.
Sapon, Limited.	London, Eng.	47	4542	27 Jan.	45	26 May.
Sargood, Son, and Ewen	Wellington, N.Z.	38	4673, 4	19 April	..	..
Sargood, Son, and Ewen	Dunedin, N.Z.	12	4762	10 June	54	23 June.
Sargood, Son, and Ewen	Wellington, N.Z.	38	4745	2 June	..	..
Saunders, Gilbert, and Co.	Napier, N.Z.	47	4779-4782	21 June	..	..
Savage, M. W.	Minneapolis, U.S.A.	2	4693, 4	27 April	49	9 June.
Scott and Bowne, Limited	London, Eng.	3	4666	13 April	36	28 April.
Sheldon Drug Company	Sydney, N.S.W.	3	4795-7	30 June	..	..
Slater, Rodger, and Co., Limited	Glasgow, North Britain	43	4724	18 May	45	26 May.
Snedden, W.	Dunedin, N.Z.	13	4687	22 April	36	28 April.
Somerville and Co., D. A. (See D. A. Somerville.)	Auckland, N.Z.	42	4788	24 June	..	..
South British Packing Company, The. (See A. S. Paterson and Co.)	London, Eng.	25	4757, 8	9 June	54	23 June.
Southwark Manufacturing Company, Limited, The	June, N.S.W.	2	4669	14 April	36	28 April.
Stevenson, J. R., and another	Wellington, N.Z.	5, 41	4698, 9	28 April	49	9 June.
Stewart Timber, Glass, and Hardware Company, Limited, The	Melbourne, Vic.	9	4728	20 May	59	7 July.
Sutton's Proprietary, Limited	Auckland, N.Z.	48	4644	5 April	45	26 May.
Teasdale, A.	New Plymouth, N.Z.	39	4790	30 June	..	..
Teed and Co.	London, Eng.	39	4668	14 April	36	28 April.
Tuck and Sons, Limited, R.	Wellington, N.Z.	42	4199	13 May, 1903	36	28 April.
Turner and Turner	Auckland, N.Z.	47	4761	9 June	59	7 July.
Union Oil, Soap, and Candle Company, Limited, The	Auckland, N.Z.	47	4777	21 June	59	7 July.
United Alkali Company, Limited, The	Liverpool, Eng.	47, 1	4671, 2	14 April	..	..

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Vacuum Oil Company Proprietary, Limited	Melbourne, Vic., and Wellington, N.Z.	1	4760	9 June ..	54	23 June.
Violet, L.	Thuir, France ..	43	4676	20 April ..	36	28 April.
Violet Frères. (See L. Violet.)						
Watts, W.	Waiuku West, N.Z. ..	3	4663	7 April ..	36	28 April.
Whiley Bros. (See R. Whiley, jun., and F. Whiley.)						
Whiley, F., and another	Ohau, N.Z.	3	4680	21 April ..	..	..
Whiley, F., and another	Ohau, N.Z.	..	4754	7 June ..	62	21 July.
Whiley, jun., R., and another ..	Ohau, N.Z.	..	4754	7 June ..	62	21 July.
Whiley, jun., R. F., and another ..	Ohau, N.Z.	3	4680	21 April ..	..	..
Whitcher, F. W.	Boston, U.S.A. ..	40	4768	15 June ..	..	..
Whitcher, F. W.	Boston, U.S.A. ..	40	4769	15 June ..	59	7 July.
White Swan Bottling Company, The. (See J. Close and M. A. Neal.)						
White Swan Brewery Company, The. (See J. Close and M. A. Neal.)						
White Swan Brewing Company, The. (See J. Close and M. A. Neal.)						
Whitlock and Sons, F.	Aramoho, N.Z.	42	4755	7 June ..	49	9 June.
Whittingham, W.	Auckland, N.Z.	42	4664	8 April ..	31	14 April.
Wiles, H. O.	Auckland, N.Z.	1	4793	30 June ..	..	..
Wilkins and Field Hardware Company, Limited, The	Nelson, N.Z.	42	4677	21 April ..	45	26 May.
Williams Company, T. C.	Richmond, U.S.A. ..	45	4689	25 April ..	36	28 April.
Williams Company, T. C.	Richmond, U.S.A. ..	45	4690	25 April ..	..	..
Williams Company, T. C.	Richmond, U.S.A. ..	45	4691	25 April ..	42	12 May.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS FOR QUARTER ENDING 30TH JUNE, 1904.

Name.	Address.	No. of Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Billing, A. F., and another	Auckland, N.Z.	5	207	18 May ..	45	26 May.
Broughton, E.	Devonport, N.Z.	5	206	5 April ..	45	26 May.
Byrne, P.	Christchurch, N.Z. ..	3	210	23 June ..	59	7 July.
Collings, C. and A.	Auckland, N.Z.	1	208	14 June ..	54	23 June.
Collings, C. and A.	Auckland N.Z.	1	209	14 June ..	54	23 June.
Collins Bros. and Co., Limited ..	Auckland, N.Z.	5	203	5 Feb. ..	36	28 April.
Hair, J.	Oamaru, N.Z.	1	204	18 April ..	36	28 April.
Harding, H. T., and another	Auckland, N.Z.	5	207	18 May ..	45	26 May.
Harding and Billing	Auckland, N.Z., and Sydney, N.S.W.	5	211	25 June ..	59	7 July.
Harding and Billing. (See H. T. Harding and A. F. Billing.)						
Shacklock, Limited, H. E.	Dunedin, N.Z.	1	205	29 April ..	42	12 May.

J.—ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING 30TH SEPTEMBER, 1904.

* Denotes a provisional specification.
and Trade Marks Act, 1889."

† Denotes a prior date under section 106 of "The Patents, Designs,

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Abbott, G. A., Melbourne, Vic. Water-filter	18393	1 Sept. ..	77	15 Sept.*
Abell, E. G., and another, Brisbane, Queensland. Butter-box. (S. J. Collins)	18516	24 Sept. ..	..	..
Adams, J., Hamilton, Vic. Nut-wrench	18084	22 June ..	66	4 Aug.
Adams, J., and another, Hamilton, Vic. Pipe-wrench	18530	27 Sept. ..	..	..
Adiasewich, A., London, Eng. Treating shale-oil, &c. ..	17695	2 March ..	59	7 July.
Alcock, F. A., Melbourne, Vic. (See H. U. Alcock, No. 18517.)				
Alcock, F. A., Melbourne, Vic. Cushion-rail of billiard-table ..	18405	6 Sept. ..	77	15 Sept.*
Alcock, H. U., Melbourne, Vic. Billiard-table. (F. A. Alcock) ..	18517	24 Sept. ..	..	..
Aldis, M., Auckland, N.Z. Handle and lid-opener for billies, &c. ..	18247	26 July ..	69	18 Aug.*
Alexander, W. M., Bairnsdale, Vic. (See J. H. Smith, No. 18469.)				
Allen, C. E. H., Pukeroa, N.Z. Fencing-dropper	18373	25 Aug. ..	83	13 Oct.
Allen, C. E. H., Pukeroa, N.Z. Clothes-peg	18374	25 Aug. ..	..	..
Allen, J., Pukeroa, N.Z. Hair-curler	18372	25 Aug. ..	80	29 Sept.
Ambrose, E., and another, Newcastle, N.S.W. Washboard and rubber	18236	28 July ..	69	18 Aug.*
American Seeding-machine Company, Jersey, U.S.A. Grain-drill distributor. (F. R. Packham and G. P. Oates)	18204	20 July ..	83	13 Oct.
Anderson, A., Ngongataha, N.Z. Flax-stripping apparatus ..	18321	13 Aug. ..	77	15 Sept.*
Anderson, G., Christchurch, N.Z. (See The Christchurch Meat Company, Limited, No. 18456.)				
Andrew, R., Melbourne, Vic. Dredge-bucket scourer	17612	3 March ..	77	15 Sept.
Andrews, Company, A. H., The, Chicago, U.S.A. (See F. J. Jones, No. 17285.)				
Applegarth, A. L., Dunedin, N.Z. Fuel-economiser and smoke-pre-venter	17108	13 Oct., 1903..	69	18 Aug.
Armstrong, C. C., and another, Dunedin, N.Z. Flashlight apparatus ..	18257	1 Aug. ..	69	18 Aug.*
Armstrong, C. C., and another, Dunedin, N.Z. Flashlight-powder ..	18258	1 Aug. ..	69	18 Aug.*
Arnberg, P. A. M., Stockholm, Sweden. Centrifugal separator liner ..	17074	7 Oct., 1903..	62	21 July.
Atkin, W. H., Auckland, N.Z. Furnace	17214	5 Nov., 1903..	74	1 Sept.
Austin, G. B. H., Oakleigh, Vic. Rifle	18412	6 Sept. ..	83	13 Oct.*
Austin, G. B. H., Oakleigh, Vic. Rifle	18453	15 Sept. ..	..	..
Austin, G. B. H., Oakleigh, Vic. Spirit-level for rifle	18521	29 Sept. ..	..	..
Ayson, A. R., Glenham, N.Z. Flax-stripper	18202	22 July ..	69	18 Aug.*
Ayson, A. R., Glenham, N.Z. Flax-scutter	18248	30 July ..	69	18 Aug.*
Bach, H. H., Auckland, N.Z. Sliding-seat of rowing-boat	18149	12 July ..	62	21 July.*
Bailey, G. E., Christchurch, N.Z. Advertising	18252	29 July ..	74	1 Sept.*
Baker, H. J., Christchurch, N.Z. Cream-separator	18487	23 Sept. ..	83	13 Oct.*
Baker, J., Auckland, N.Z. Raising floating-docks	18211	23 July ..	..	..
Baldwin, E. S., and another, Wellington, N.Z. Making producer and water gas. (Power and Mining Machinery Company—B. Loomis and H. Pettibone)	17961	26 May ..	74	1 Sept.*
Balfour, E. D. J., and another, Sydney, N.S.W. Electric belt ..	18483	22 Sept. ..	..	..
Banks, L., Shirley, N.Z. Letter-copying cloths	18280	5 Aug. ..	74	1 Sept.
Barnard, P. V., and another, Ballarat, Vic. Extracting gold ..	17810	21 April ..	74	1 Sept.
Barton, F. W., and others, Dunedin, N.Z. Turnip-thinning machine ..	18215	22 July ..	69	18 Aug.*
Basley, G. W., Auckland, N.Z. Fencing-standard. (W. V. Gilbert) ..	18139	5 July ..	66	4 Aug.
Bates, G. T., and another, Kokiri, N.Z. Vehicle-couplings	18396	2 Sept. ..	77	15 Sept.*
Bauckham, A. M., Ashhurst, N.Z. Sash retainer and lock	17217	10 Nov., 1903..	77	15 Sept.
Bavay. (See de Bavay.)				
Beamish, W., Cromwell, N.Z. Gold-saving apparatus	18168	13 July ..	66	4 Aug.*
Beck, H., Meiningen, Germany. Electric arc lamp	18512	28 Sept. ..	..	..
Bender, L., Launceston, Tas. Butter-cutter	18467	21 Sept. ..	..	..
Bennett, J., and another, Prahau, Vic. Drawing beer, &c., from barrels	18272	4 Aug. ..	69	18 Aug.*
Bernays, C. E., Brisbane, Q. Boiler	18293	9 Aug. ..	77	15 Sept.
Bernays, C. E., Brisbane, Q. Vehicle-bogie	18464	20 Sept. ..	..	..
Berry, G. W., Kensington, Vic. Soldering-machine	18132	7 July ..	66	4 Aug.*
Berry, G. W., and another, Melbourne, Vic. Crimping can bodies ..	18479	22 Sept. ..	83	13 Oct.*
Berry, G. W., and another, Melbourne, Vic. Securing ends of tin canisters	18480	22 Sept. ..	83	13 Oct.*
Berry, G. W., and another, Melbourne, Vic. Rotary can-seaming machine	18508	28 Sept. ..	83	13 Oct.*
Berry Patent Can Manufacturing Company, The, Melbourne, Vic. (See G. W. Berry and J. J. Sneesby, Nos. 18479, 18480, 18508.)				
Binney, R. H., Perth, W.A. Grain-dresser	18355	23 Aug. ..	77	15 Sept.*
Bishop, D., Hilderthorpe, N.Z. Securing blinds to blind-rollers ..	18118	5 July ..	66	4 Aug.*
Bissaker, C. H., Cootamundra, N.S.W. Acetylene-generator	18481	22 Sept. ..	83	13 Oct.*
Blackie, H. G., Auckland, N.Z. Teapot	18442	13 Sept. ..	83	13 Oct.*
Blyth, P. A., Winton, N.Z. Truck-brake	18219	28 July ..	74	1 Sept.
Bodle, D. W., Manurewa, N.Z. Paper-clip	18446	14 Sept. ..	80	29 Sept.*
Bonsall, S. W., New York, U.S.A. Combination hanger	18229	28 July ..	74	1 Sept.
Borland, J. W., Yarragon, Vic. Self-locking pin for implement	18185	21 July ..	69	18 Aug.*
Borlase, W., Dunedin, N.Z. Cistern	18279	2 Aug. ..	69	18 Aug.*
Borlase, W., Dunedin, N.Z. (See J. and T. R. Christie, Nos. 17324 and 17374.)				
Boyd, K., Auckland, N.Z. Fish-hook	18288	4 Aug. ..	74	1 Sept.
Bradley, A. E., and another, Christchurch, N.Z. Pump	18102	30 June ..	66	4 Aug.
Bradley, H. G., and another, Christchurch, N.Z. Pump	18102	30 June ..	66	4 Aug.
Brass, J. H., and another, Invercargill, N.Z. Candle-holder ..	18295	2 Aug. ..	74	1 Sept.*
Brent, C. D., Cromwell, N.Z. Hairpin	16986	11 Sept., 1903	59	7 July

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Brent, C. D., Cromwell, N.Z. Hairpin	18428	3 Sept. ..	80	29 Sept.*
Bridge, A., Stonehenge, Q. Cricket-stumps	18485	22 Sept. ..	..	..
Bridger, J., London, Eng. (See The New Inverted Incandescent Gas-lamp Company, Limited, No. 18326.)				
Bristow, C., Christchurch, N.Z. Turnip, rape, and mangold sower ..	17028	26 Sept., 1903	69	18 Aug.
British Westinghouse Electric and Manufacturing Company, Limited, The. (See J. P. Campbell, No. 16865.)				
Brocas, T. N., Taheke, N.Z. Oil and hot air engines	18378	27 Aug. ..	77	15 Sept.*
Brown, F. C., Komata, N.Z. Filtering liquids or solutions	18349	17 Aug. ..	74	1 Sept.*
Brown, H., and another, Wairoa, N.Z. Cap for wheeled vehicles ..	18113	4 July ..	66	4 Aug.*
Brown, T. H., Wellington, N.Z. Bridle-fastening	18444	13 Sept. ..	83	13 Oct.*
Bryant and May, Limited, London, Eng. Match-box filler. (J. P. and C. F. Wright)	18235	28 July ..	74	1 Sept.
Buck, L., Bairnsdale, Vic. Power-transmitter	18327	17 Aug. ..	80	29 Sept.
Burgess, A. S., Wanganui, N.Z. Tipping-wagon. (A. Hatrick—W. Thompson)	18437	12 Sept. ..	83	13 Oct.
Burrell, T., Melbourne, Vic. Elastic attachment for heels and soles ..	18395	1 Sept. ..	83	13 Oct.
Burridge, C., and another, Wairoa, N.Z. Cap for wheeled vehicles ..	18113	4 July ..	66	4 Aug.*
Bushell, A. A., Perth, W.A. Bicycle folding-stand	18448	15 Sept. ..	80	29 Sept.*
Butcher, T. W., and another, Wellington, N.Z. Kitson lamp light-extinguisher	18126	4 July ..	62	21 July.*
Butler, G. P., New York, U.S.A. (See Standard Mouthpiece Machine Company, No. 18418.)				
Butler, J. A., and another, Balfour, N.Z. Rifle wind-gauge	18265	3 Aug. ..	69	18 Aug.*
Cachemaille, E. C., Wellington, N.Z. Paper-wrapper	18410	6 Sept. ..	..	..
Callaghan, J., and others, Dunedin, N.Z. Decanter	18122	2 July ..	69	18 Aug.*
Cameron, E. A., and others, Invercargill, N.Z. Sash hanger and lock ..	18348	17 Aug. ..	74	1 Sept.*
Campbell, A., Sutton, N.Z. Animal-trap	17202	4 Nov., 1903	74	1 Sept.
Campbell, J. P., Wellington, N.Z. Voltage regulator and controller. (The British Westinghouse Electric and Manufacturing Company, Limited)	16865	27 Aug., 1903	59	7 July.
Campbell, P., Albert Park, Vic. Pipe-moulder	18529	27 Sept. ..	..	..
Carter, H., and another, Melbourne, Vic. Parcel-strap. (J. Kinsella)	17198	30 Oct., 1903..	74	1 Sept.
Casey, F., and another, Collingwood, Vic. Dredging machinery	18463	20 Sept. ..	80	29 Sept.*
Caton, B., Wellington, N.Z. Boot	18137	8 July ..	66	4 Aug.*
Chamberlain, W. E., Feilding, N.Z. Fencing-standard	18316	15 Aug. ..	74	1 Sept.*
Christchurch Meat Company, Limited, The, Christchurch, N.Z. Securing covers of tins. (G. Anderson)	18456	16 Sept. ..	..	..
Christenson, A. L., Stockholm, Sweden. Inlet pipe for centrifugal separator bowl	18107	6 July, 1903†	..	..
Christie, J., and another, Dunedin, N.Z. Wire-strainer. (W. Borlase)	17374	12 Dec., 1903..	80	29 Sept.
Christie, J., and another, Dunedin, N.Z. Wire-strainer. (W. Borlase)	17324	2 Dec., 1903	80	29 Sept.
Christie, J., Dunedin, N.Z. Making pipe-union joints	18532	30 Sept. ..	..	..
Christie, T. R., and another, Dunedin, N.Z. Wire-strainer. (W. Borlase)	17374	12 Dec., 1903..	80	29 Sept.
Christie, T. R., and another, Dunedin, N.Z. Wire-strainer. (W. Borlase)	17324	2 Dec., 1903..	80	29 Sept.
Clark, A., and another, Melbourne, Vic. Recovering gold	18457	14 Sept. ..	80	29 Sept.*
Clark, D., Drummond, N.Z. Forcing-pen	18121	1 July ..	66	4 Aug.
Clark, H. S., and another, Orehunga, N.Z. Position-finder	18174	19 July ..	66	4 Aug.
Clark, L., Hobsonville, N.Z. Glazing pipes, bricks, &c.	17106	13 Oct., 1903	77	15 Sept.
Claussen, J., Weraoa, N.Z. Time-indicator	18445	14 Sept. ..	80	29 Sept.*
Cleghorn, R., and another, Elsternwick, Vic. Disc plough	18507	28 Sept. ..	83	13 Oct.*
Cochrane, W., Auckland, N.Z. Raising sunken vessels	18277	4 Aug. ..	69	18 Aug.*
Cody, P., Riversdale, N.Z. Pneumatic tire	18443	13 Sept. ..	83	13 Oct.*
Cohen, C. J., and others, Rockhampton, Q. Earth-closet	18357	23 Aug. ..	77	15 Sept.*
Coker, W. G., Timaru, N.Z. Solution for removing wool from skins ..	18268	1 Sept. ..	77	15 Sept.*
Colegrove, G. H., and another, Wellington, N.Z. Hat, cap	18141	9 July ..	66	4 Aug.
Collett, A. W., and others, Dannevirke, N.Z. Log-hauling pulley-block	18148	12 July ..	62	21 July.*
Collett and Edkins, Dannevirke, N.Z. (See A. W. Collett, C. B. and E. M. Edkins, No. 18148.)				
Collins, J., Wellington, N.Z. Chess and draught board	18495	26 Sept. ..	83	13 Oct.*
Collins, S. J., Brisbane, Q. See J. Hancock and E. G. Abell, No. 18516.)				
Colville, F., Waimate, N.Z. Tripping attachment to reaper and binder	18245	26 July ..	69	18 Aug.*
Connelly, W. H., Tolaga Bay, N.Z. Securing rowels to spurs	18384	31 Aug. ..	77	15 Sept.*
Connelly, W. H., Tolaga Bay, N.Z. Spur	18385	31 Aug. ..	77	15 Sept.*
Conolly, W. P., Melbourne, Vic. Safety appliance for elevator shafts ..	18511	29 Sept. ..	..	..
Cook, G. H., Russell, N.Z. Rifle	18161	16 July ..	66	4 Aug.*
Cook, T., Petone, N.Z. Crozing and chiming machine	18416	7 Sept. ..	83	13 Oct.
Copley, A. E., and another, Christchurch, N.Z. Extension boot	18134	7 July ..	66	4 Aug.*
Coronel, A. S., Waverley, N.S.W. Suspending sashes	18183	21 July ..	69	18 Aug.*
Corrick, H., and another, Wellington, N.Z. Hat, cap	18141	9 July ..	66	4 Aug.
Cosslett, R., Auckland, N.Z. Building appliance	18212	22 July ..	69	18 Aug.*
Cosslett, R., Auckland, N.Z. Twist-moulding machine	18433	5 Sept. ..	80	29 Sept.*
Cotton, F., Hornsby, N.S.W. Gas-generator	18166	19 July ..	74	1 Sept.
Coulter, E. P., Sydney, N.S.W. Saving carbonic-acid gas	18449	15 Sept. ..	80	29 Sept.*
Craveri, J., Buenos Aires, Argentine R. Preserving meat	18322	17 Aug. ..	..	..
Crook, A., Christchurch, N.Z. Automatic fertiliser-press	18266	1 Aug. ..	69	18 Aug.*
Crosland, T., St. Leonard's, N.Z. Portable washing-boiler	18179	15 July ..	69	18 Aug.*
Cross, C. A., and another, Hamilton, Vic. Pipe-wrench	18530	27 Sept. ..	..	..
Currie, S. D., Te Aroha, N.Z. Converting kerosene tins into buckets ..	18142	9 July ..	66	4 Aug.*
Curwood, A., and others, Bluff, N.Z. Sash hanger and lock	18348	17 Aug. ..	74	1 Sept.*
Cuthbert, E. M., Christchurch, N.Z. Sink-guard	18460	16 Sept. ..	83	13 Oct.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Daily, J. J., Christchurch, N.Z. Vulcanised rubber tire ..	18336	18 Aug. ..	77	15 Sept.*
Daniell, H., Mossman, N.S.W. (See E. M. Perdriau, No. 17161.)				
Danks, W., Wellington, N.Z. Cement for jointing sanitary pipes ..	18117	5 July ..	66	4 Aug.
Davey, W. H., Timaru, N.Z. Cream-separator ..	18523	29 Sept. ..	83	13 Oct.*
Davidson, T. H., and another, Dunedin, N.Z. Ratchet apparatus ..	18243	25 July ..	74	1 Sept.*
Davies, J., Auckland, N.Z. Utilising the flow of tides, &c. ..	18156	14 July ..	66	4 Aug.*
Davies, J., Auckland, N.Z. Wagon ..	18484	22 Sept. ..	83	13 Oct.*
Dawson, J. G., Woodbury, N.Z. Egg-carrier ..	18382	27 Aug. ..	77	15 Sept.*
De Bavay, A. J. F., Kew, Vic. Separating parts of the constituents of ores	18226	28 July ..	69	18 Aug.*
De Bavay, A. J. F., Kew, Vic. Separating parts of the constituents of ores	18227	28 July ..	69	18 Aug.*
De Bavay, A. J. F., Kew, Vic. Separating zinc blende from ores ..	18228	28 July ..	69	18 Aug.*
De la Haye, P. J., New Plymouth, N.Z. Bicycle-stand ..	18108	28 June ..	66	4 Aug.
Dennes, A. C., and another, Auckland, N.Z. Supplying needles to gramophone	18438	12 Sept. ..	80	29 Sept.*
Dennes, H. M., and another, Auckland, N.Z. Supplying needles to gramophone	18438	12 Sept. ..	80	29 Sept.*
Denton, G. H., Denver, U.S.A., (See J. A. Ferguson, No. 18420.)				
Deutsch, I., Montreal, Canada. (See Electric and Train Lighting Syndicate, Limited, Nos. 17951, 17952, and 17953.)				
Devine, P. J., Yarragon, Vic. Piggery ..	18308	8 Aug. ..	74	1 Sept.*
Divine, A., New Plymouth, N.Z. Advertising exhibitor and file ..	17964	25 May ..	66	4 Aug.
Dodge, E. K., and another, Hornby, N.Z. Operating hay-presses ..	18123	4 July ..	62	21 July.*
Dodge, T. H., and another, Hornby, N.Z. Operating hay-presses ..	18123	4 July ..	62	21 July.*
Don, E., Dunedin, N.Z. Composition for boot-finishing ..	18218	23 July ..	69	18 Aug.*
Douglas, H. M., Wellington, N.Z. Loose-leaf account-book ..	18338	19 Aug. ..	74	1 Sept.*
Dovalosky, F., Invercargill, N.Z. Pins ..	18402	29 Aug. ..		
Dowling, H., and another, Sydney, N.S.W. Electric belt ..	18483	22 Sept. ..		
Dowling, T. F., Hawera, N.Z. Actuating fire-alarm and other bells ..	17134	22 Oct., 1903	69	18 Aug.
Duffin, H., Auckland, N.Z. Hose or pipe coupling ..	16897	1 Sept., 1903	62	21 July.
Duncan, Limited, P. and D., Christchurch, N.Z. Cultivator ..	17256	16 Nov., 1903	80	29 Sept.
Duncan, Limited, P. and D., Christchurch, N.Z. Vehicle road wheel ..	17257	16 Nov., 1903	80	29 Sept.
Duncan, Limited, P. and D., Christchurch, N.Z. Dumping and spreading wagon. (J. Keir)	18042	14 June ..	80	29 Sept.
Duncan, Limited, P. and D., Christchurch, N.Z. Tip cart and dray. (J. Keir)	18124	4 July ..	62	21 July.*
Duncan, Limited, P. and D., Christchurch, N.Z. Seed-sower. (J. Keir)	18282	4 Aug. ..	69	18 Aug.*
Dunn, B. F., Auckland, N.Z. Tightening wire mattresses ..	18150	12 July ..	62	21 July.*
Dunn, D., Oamaru, N.Z. Wheel-jack ..	18061	21 June ..	69	18 Aug.
Dunstan, J., and another, Auckland, N.Z. Advertising ..	18109	29 June ..	69	18 Aug.*
Dyer, E. W. H., Dunedin, N.Z. Lidded receptacle ..	18309	8 Aug. ..	74	1 Sept.*
Eagar, E., Glebe Point, N.S.W. Laying wood blocks ..	18394	1 Sept. ..	83	13 Oct.
Edkins, C. B., and others, Dannevirke, N.Z. Log-hauling pulley-block	18148	12 July ..	62	21 July.*
Edkins, E. M., and others, Dannevirke, N.Z. Log-hauling pulley-block	18148	12 July ..	62	21 July.*
Edmond, L., Mauriceville, N.Z. Rat-trap ..	18155	14 July ..	66	4 Aug.*
Edwards, E., Christchurch, N.Z. Harness-saddle ..	17093	9 Oct., 1903	66	4 Aug.
Eisenbeis, F., and another, Saarbrücken, Germany. Coal cutter and channeller	18407	6 Sept. ..	83	13 Oct.
Ekehorn, S. A., Sodertelge, Sweden. Rotating-churn ..	18390	1 Sept. ..	83	13 Oct.
Electric and Train Lighting Syndicate, Limited, Montreal, Canada. Dynamo. (I. Deutsch)	17951	25 May ..	66	4 Aug.
Electric and Train Lighting Syndicate, Limited, Montreal, Canada. Brush-holder for electric machine. (I. Deutsch)	17952	25 May ..	66	4 Aug.
Electric and Train Lighting Syndicate, Limited, Montreal, Canada. Controlling voltage from electric generator. (I. Deutsch)	17953	25 May ..	66	4 Aug.
Ellery, F. J., Raetihi, N.Z. Cow log-roper ..	17203	5 Nov., 1903	74	1 Sept.
Fairweather, J., and others, Blenheim, N.Z. Flax-stripper ..	18353	20 Aug. ..	80	29 Sept.*
Fairweather, W., jun., and others, Blenheim, N.Z. Flax-stripper ..	18353	20 Aug. ..	80	29 Sept.*
Fairweather, W., sen., and others, Blenheim, N.Z. Flax-stripper ..	18353	20 Aug. ..	80	29 Sept.*
Falvey, T., Wellington, N.Z. Steam turbine ..	18399	3 Sept. ..	77	15 Sept.*
Ferguson, J. A., Denver, U.S.A. Building-block mould ..	18419	7 Sept. ..	83	13 Oct.
Ferguson, J. A., Denver, U.S.A. Press. (G. H. Denton) ..	18420	7 Sept. ..		
Ferguson, J. A., Denver, U.S.A. Building blocks and walls. (F. E. Kidder)	18421	7 Sept. ..		
Ferrier, W., Timaru, N.Z. Candlestick ..	17232	12 Nov., 1903	66	4 Aug.
Field, F. R., Aramoho, N.Z. Reclaiming land and altering river-bed ..	18312	12 Aug. ..	77	15 Sept.*
Field, H. C., Aramoho, N.Z. Fire-resisting building-material ..	18431	8 Sept. ..	80	29 Sept.*
Fisher, A. J., New Plymouth, N.Z. Paint ..	18256	1 Aug. ..	80	29 Sept.
Foster, G., Auckland, N.Z. Slug-destroyer ..	17307	25 Nov., 1903	74	1 Sept.
Foster, T., and another, Dunedin, N.Z. Binder for mercantile papers, &c.	18206	21 July ..	69	18 Aug.*
Foster, T., and another, Dunedin, N.Z. Paper-binder ..	18370	23 Aug. ..	77	15 Sept.*
Frame, L., Oamaru, N.Z. Washing-boiler ..	17278	19 Nov., 1903	69	18 Aug.
French, A. G., Auckland, N.Z. Obtaining ammonium chloride ..	18493	21 Sept. ..	83	13 Oct.*
French, T., Leonora, W.A. Ratchet for ore-feeder ..	18365	25 Aug. ..	80	29 Sept.*
Friezer, J., and another, Northcote, Vic. Drawing beer, &c., from barrels	18272	4 Aug. ..	69	18 Aug.*
Gardiner, H. J., Christchurch, N.Z. Bicycle-carrying attachment ..	18488	23 Sept. ..	83	13 Oct.*
Garely, F., and another, Saarbrücken, Ger. Coal cutter and channeller	18407	6 Sept. ..	83	13 Oct.
Garnham, R., Wellington, N.Z. Water-cistern valve ..	18129	6 July ..	62	21 July.*
Gasmier, F. W., Petersburg, S.A. Railway brake ..	18501	28 Sept. ..		
Gates, W., and another, Parramatta, N.S.W. Gas-burner regulator ..	18390	1 Sept. ..	83	13 Oct.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Gay, J. H., Oamaru, N.Z. Window	17336	3 Dec., 1903	74	1 Sept.
Geddes, J., Drummond, N.Z. Flax-scutter	18335	19 Aug. ..	74	1 Sept.*
Gemeinhardt, O., Footscray, Vic. Measuring and wringing skins	18505	28 Sept. ..	..	..
Gibb, W., and another, Oamaru, N.Z. Breaching-strap hook	18253	29 July ..	74	1 Sept.*
Gilbert, T. J., and another, Brunswick, Vic. Dressing surfaces of rails	18537	30 Sept. ..	..	..
Gilbert, W. V., Port Elizabeth, South Africa. (See G. W. Basley, No. 18139.)				
Gilsenan, A. J., Bairnsdale, Vic. Acetylene-generator	18186	21 July ..	69	18 Aug.*
Gleeson, J. J., and another, Tikitapu, N.Z. Separating dirt from milk	18404	5 Sept. ..	77	15 Sept.*
Goddu, G., Winchester, U.S.A. (See United Shoe Machinery Company, Nos. 18363, 17380.)				
Goode, G. W., and others, South Godstone, Eng. Coal-dust binding-composition.	18238	28 July ..	74	1 Sept.
Goodman, W., Sydney, N.S.W. Postal reply cards	18270	4 Aug. ..	77	15 Sept.
Graham, C. E., Boston, U.S.A. (See United Shoe Machinery Company, No. 18224.)				
Grave, W. G., Oamaru, N.Z. Securing animal-covers	18101	30 June ..	66	4 Aug.
Gray, A., Canterbury, N.S.W. Race-starting machine	18329	17 Aug. ..	74	1 Sept.*
Gray, B., Okato, N.Z. Noxious weeds destroying-composition	18319	13 Aug. ..	74	1 Sept.*
Gray, H., and another, Wellington, N.Z. Partitions for rooms	18389	1 Sept. ..	77	15 Sept.*
Gray, J., Dunedin, N.Z. Fertiliser-drill conductor	18427	3 Sept. ..	80	29 Sept.*
Gray, J., Dunedin, N.Z. Mangold-sower	18496	26 Sept. ..	83	13 Oct.*
Gray, W., Whakapara, N.Z. Cycle handle-bar	18116	5 July ..	66	4 Aug.
Gray, W., Whakapara, N.Z. Combination tool	18094	28 June ..	69	18 Aug.
Green, E., Masterton, N.Z. Bird-trap	18359	24 Aug. ..	77	15 Sept.*
Grieve, A. P., Lower Hutt, N.Z. Cutting-out press	18340	19 Aug. ..	74	1 Sept.*
Griffiths, H., Fitzroy, Vic. Balmoral boots	18151	14 July ..	66	4 Aug.
Grimstone, C., Miramar, N.Z. Window-stop	18173	19 July ..	..	..
Groeke, F. W., South Melbourne, Vic. Fire-tongs	18305	11 Aug. ..	74	1 Sept.*
Grundy, A. O., and another, Onehunga, N.Z. Clinch for bucket-handle	18441	13 Sept. ..	83	13 Oct.*
Grundy, T., Waiwera, N.Z. Propeller-blade	18175	16 July ..	66	4 Aug.*
Grundy, W. J., and another, Onehunga, N.Z. Clinch for bucket-handle	18441	13 Sept. ..	83	13 Oct.*
Guess, E., Clapham, Eng. Cash-checking machine	18325	17 Aug. ..	80	29 Sept.
Gunn, J. St. C., Kaikoura, N.Z. Intercepting and rejecting contaminated rain water	18381	31 Aug. ..	77	15 Sept.*
Gutensohn, A., London, Eng. Recovering metals	18232	28 July ..	69	18 Aug.*
Hadaway, J. B., Brockton, U.S.A. Channel-flap layer	17315	2 Dec., 1903 ..	74	1 Sept.
Haenke, M. W., Ipswich, Q. Gas lighter and extinguisher	18114	4 July ..	66	4 Aug.
Hair, J., Oamaru, N.Z. Racehorse plate	17140	24 Oct., 1903 ..	77	15 Sept.
Hall, C. E. F., and another, Palmerston North, N.Z. Body for two-wheeled vehicle	18423	7 Sept. ..	83	13 Oct.
Hall, G., and another, Lepperton, N.Z. Fencing-post	18331	15 Aug. ..	..	..
Hall, J. H. C., Geelong West, Vic. Hand-power jack	18343	17 Aug. ..	74	1 Sept.*
Hallé, C. R. S. J., London, Eng. Vehicle-wheel	18406	6 Sept. ..	83	13 Oct.
Hamilton Manufacturing Company, The, Columbus, U.S.A. Locomotive car-puller. (W. E. Hamilton)	18301	11 Aug. ..	77	15 Sept.
Hamilton Manufacturing Company, The, Columbus, U.S.A. Loading-machine (W. E. Hamilton)	18302	11 Aug. ..	77	15 Sept.
Hamilton, W. E., Zanesville, U.S.A. (See The Hamilton Manufacturing Company, Nos. 18301 and 18302.)				
Hamilton, W. E., Zanesville, U.S.A. Mining-machine	18504	28 Sept. ..	83	13 Oct.*
Hamlin, E. A. G., Dannevirke, N.Z. Book-cover	18426	8 Sept. ..	..	..
Hancock, J., and another, Brisbane, Q. Butter-box. (S. J. Collins)	18516	24 Sept. ..	..	..
Hannaford, E. E., Dunedin, N.Z. Door-lock	18468	21 Sept. ..	80	29 Sept.*
Hannay, J. B., Dumbarton, North Britain. Anti-fouling composition for ships	18036	15 June ..	62	21 July
Hare, P. R., and another, Bromley, Eng. Fermentation of liquids	17795	4 May, 1903†	69	18 Aug.
Harrison, J., and others, Half-Moon Bay, N.Z. Sash hanger and lock	18348	17 Aug. ..	74	1 Sept.*
Hartnett, J., and another, Balwyn, Vic. Cow-milking apparatus	18303	11 Aug. ..	..	..
Harvey, A., French Island, Vic. Button-attachment for clothes	18304	11 Aug. ..	74	1 Sept.*
Harwood, W. F., and another, Auckland, N.Z. Spring-tip tug	18320	16 Aug. ..	74	1 Sept.*
Hatrik, A., Wanganui, N.Z. (See A. S. Burgess, No. 18437.)				
Haughton, R. S., Wellington, N.Z. Bottle-filling machine	18133	7 July ..	66	4 Aug.*
Haye. (See de la Haye.)				
Hement, T. C., Christchurch, N.Z. Pipe manufacturing	17388	17 Dec., 1903 ..	80	29 Sept.
Hement, T. C., Christchurch, N.Z. Ridging	18499	26 Sept. ..	83	13 Oct.*
Henry, F., Waikiki, N.Z. Flax-dressing apparatus	18383	31 Aug. ..	77	15 Sept.*
Hercus, J., and another, Dunedin, N.Z. Coal-saver and draught-regulator	18198	18 July ..	69	18 Aug.
Hercus, J., and others, Dunedin, N.Z. Turnip-thinning machine	18215	22 July ..	69	18 Aug.*
Heskett, T. J., and another, Brunswick, Vic. Ore-treatment apparatus	17425	30 Dec., 1903 ..	77	15 Sept.
Hewitt, J. G. L., Dunedin, N.Z. Weather filling for roof. (A. Wilson)	17017	19 Sept., 1903	66	4 Aug.
Hickman, J., Christchurch, N.Z. Alterations to Welsbach gas-burner	18119	5 July ..	69	18 Aug.*
Hickman, J. H., Christchurch, N.Z. Castor	18354	22 Aug. ..	..	..
Hickman, J. H., Christchurch, N.Z. Mitrering-machine	18375	26 Aug. ..	77	15 Sept.*
Hicks, T. J. A., and another, Auckland, N.Z. Wire-woven mattress	18454	15 Sept. ..	..	..
Hinton, J. C., Arncliffe, N.S.W. Controlling spread of vehicle-wheels	18362	25 Aug. ..	80	29 Sept.
Hitchcock, W., and another, Outram, N.Z. Ratchet apparatus	18243	25 July ..	74	1 Sept.*
Hoal, E., and another, Liverpool, Eng. (See Worsey-Hoal Gold-extracting Syndicate, Limited, No. 18225.)				
Hogan, M., Wanganui, N.Z. Bicycle-stand	17791	15 April ..	69	18 Aug.*
Holms, jun., J., Waimahaka, N.Z. Clasp for spreaders	18452	12 Sept. ..	80	29 Sept.*
Horrocks, L. B., Wellington, N.Z. Bending-machine	17303	27 Nov., 1903 ..	80	29 Sept.

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Hosier, A. J., and others, Chaddington, Eng. Straining liquids ..	18128	6 July ..	..	..
Hoskins, W., La Grange, U.S.A. Treating fatty wood ..	18500	28 Sept. ..	..	..
Hubbard, E. W., and another, Melbourne, Vic. Dredging machinery ..	18463	20 Sept. ..	80	29 Sept.*
Huddleston, F. F. C., Nelson, N.Z. Heating apparatus ..	18203	23 July ..	69	18 Aug.*
Hughes, W. E., Hawera, N.Z. Hose-coupling ..	16989	17 Sept., 1903..	66	4 Aug.
Hughes, W. E., Wellington, N.Z. Forming water tables. (J. B. Jackson)	17019	24 Sept., 1903..	59	7 July
Hughes, W. E., Wellington, N.Z. Draw-off tap. (W. T. Nuttall) ..	16873	27 Aug., 1903	66	4 Aug.
Hull, A., Kaihu, N.Z. Leak-repairer ..	17252	17 Nov., 1903	77	15 Sept.
Humphries, G. E., Wellington, N.Z. Removable sash ..	18237	28 July ..	77	15 Sept.
Hunter, J. T., Wellington, N.Z. Motor-controller. (G. Laird and J. P. Todd)	18290	9 Aug. ..	77	15 Sept.
Hutchinson, G., Wellington, N.Z. Milking machinery ..	18165	16 July ..	66	4 Aug.*
Hutton, G. B., and another, Auckland, N.Z. Fire and hearth screen ..	18187	18 July ..	..	..
Hyde, F. R., Ashburton, N.Z. Acetylene-generator ..	18461	16 Sept. ..	83	13 Oct.*
Ibbetson, T. H., Gore, N.Z. Pump ..	18263	3 Aug. ..	74	1 Sept.
Imbert, A. H., Grand-Montrouge, France. Extracting sulphides from their ores	18112	30 June ..	66	4 Aug.
Jackson, A. G., Brisbane, Q. Balance window-sash ..	18062	16 June ..	66	4 Aug.*
Jackson, J. B., Gisborne, N.Z. (See W. E. Hughes, No. 17019.)				
Jaggers, J. A., Parua Bay, N.Z. Rowlock ..	17253	17 Nov., 1903	74	1 Sept.
James, R. E., Christchurch, N.Z. Milk-strainer ..	18536	2 Aug. ..	83	13 Oct.
James, W. J., Wanganui, N.Z. Trough ..	17241	16 Nov., 1903	74	1 Sept.
Jameson, S. W., Christchurch, N.Z. Match-striker for pipe ..	18471	20 Sept. ..	83	13 Oct.*
Jenkins, C. V., Lower Hutt, N.Z. Collar-stud ..	18201	22 July ..	69	18 Aug.*
Jerger, H., and another, Burnie, Tas. Feeding-funnel ..	17873	2 May ..	66	4 Aug.*
Johanson, C., Dillmanstown, N.Z. Potato-planter ..	18513	27 Sept. ..	83	13 Oct.*
Johanson, C. G., Christchurch, N.Z. Grubbing, transplanting, and hilling-up tool	18138	7 July ..	66	4 Aug.*
Johnson, G., and another, Bromley, Eng. Fermentation of liquids ..	17795	4 May, 1903†	69	18 Aug.
Johnson, H. E., Dunedin, N.Z. Crutches ..	18489	20 Sept. ..	83	13 Oct.*
Jones, A. I., Motupiko, N.Z. Fibre-catcher ..	18162	16 July ..	66	4 Aug.*
Jones, F. J., Wellington, N.Z. Timber-drying kiln. (The A. H. Andrews Company—H. J. Morton)	17285	28 Nov., 1903..	74	1 Sept.
Jones, F. J., Wellington, N.Z. Dust, rain, &c., excluder for door ..	18213	26 July ..	74	1 Sept.
Jones, G. S., Oamaru, N.Z. Mailing-wrapper for photographs, &c. ..	17847	26 April ..	69	18 Aug.*
Joyce, A., and another, Burnie, Tasmania. Feeding-funnel ..	17873	2 May ..	66	4 Aug.*
Keir, J., Sydenham, N.Z. (See P. and D. Duncan, Limited, Nos. 18124, 18282, 18042.)				
Kelly, P. G., Auckland, N.Z. Propeller ..	18250	28 July ..	69	18 Aug.*
Kelly, W., and others, Chaddington, Eng. Straining liquids ..	18128	6 July ..	..	..
Kenyon, E. F. B., Brighton, Eng. Potato-peeler ..	18234	28 July ..	69	18 Aug.*
Kern, F. A., Rochester, U.S.A. (See United Shoe Machinery Company, No. 18392.)				
Kettle, F., Dunedin, N.Z. (See A. J. Park, No. 18294.)				
Kidder, F. E., Denver, U.S.A. (See J. A. Ferguson, No. 18421.)				
Kilborn, A., Bondi, N.S.W. Milking-machine ..	18324	17 Aug. ..	77	15 Sept.*
King, W., Timaru, N.Z. Bird-trap ..	18205	23 July ..	74	1 Sept.
Kinsella, J., Camberwell, Vic. (See H. Carter and R. T. Paterson, No. 17198.)				
Kirkby, E. H. Melbourne, Vic. Fire-alarm ..	18476	22 Sept. ..	83	13 Oct.*
Kirkwood, J. C. P., Wellington, N.Z. Electric arc-lamp ..	18377	29 Aug. ..	77	15 Sept.*
Kitchen, D., Feilding, N.Z. Bridle-fastening ..	18422	7 Sept. ..	77	15 Sept.*
Knutzen, H. P., Auckland, N.Z. Smoke-killing appliance ..	18190	21 July ..	69	18 Aug.*
Koch, G., New York, U.S.A. Shaving-brush ..	18478	22 Sept. ..	..	..
Laird, G., and another, Ashton-on-Mersey, Eng. (See J. T. Hunter, No. 18290.)				
Lamont, C. E., Oamaru, N.Z. Nasal inhaler ..	18351	19 Aug. ..	77	15 Sept.*
Land, A. G., Christchurch, N.Z. Vehicle-seat ..	18465	20 Sept. ..	80	29 Sept.*
Lange, A. J. H., Christchurch, N.Z. Washing-board ..	18491	22 Sept. ..	83	13 Oct.*
Langford, A. E., Melbourne, Victoria. Calliper and divider. (G. C. Smith.)	18510	29 Sept. ..	83	13 Oct.*
Lanigan, P., Auckland, N.Z. Lifting and bunching venetian blinds ..	18269	1 Aug. ..	69	18 Aug.*
Lanigan, P., Auckland, N.Z. Digging kauri-gum ..	18318	13 Aug. ..	74	1 Sept.*
Lawrenz, E., and another, Baltimore, U.S.A. (See E. Waters, jun., No. 17574.)				
Leach, G., Melbourne, Vic. Cream-separator. ..	17159	29 Oct., 1903..	74	1 Sept.
Leach, J. D., Dargaville, N.Z. Venetian blind ..	17122	20 Oct., 1903..	69	18 Aug.
Lee, F., and another, Lower Hutt, N.Z. Sash-bar for greenhouses, &c.	18262	3 Aug. ..	69	18 Aug.*
Lee, F. W., Woodend, Vic. Potato-digger ..	18184	21 July ..	69	18 Aug.*
Leek, H., Auckland, N.Z. Tram-seat ..	18285	3 Aug. ..	74	1 Sept.
Leslie Walker Instantaneous Fire-detector and Fire-indicator Company, Limited, The, London, Eng. Temperature alarm. (C. L. Walker)	18231	28 July ..	74	1 Sept.
Lindsay, R. N. R., Auckland, N.Z. Dehorning cattle ..	18432	8 Sept. ..	80	29 Sept.*
Logan, R., jun., and another, Auckland, N.Z. Position-finder ..	18174	19 July ..	66	4 Aug.
Loomis, B., and another, Hartford, U.S.A. (See E. S. Baldwin and H. H. Rayward, No. 17961.)				
Love, J. H., Auckland, N.Z. Saddle ..	18286	3 Aug. ..	69	18 Aug.*
Lowe, C. E., Motueka, N.Z. Sulphurising fruit ..	16996	18 Sept., 1903	66	4 Aug.
Lowthen, W. H., and another, Brisbane, Q. Signalling from exchange to totalisator	18210	26 July ..	..	..

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Lund, T., Winchester, U.S.A. (See United Shoe Machinery Company, No. 18300.)				
Lyell, A., Palmerston North, N.Z. Sewing-machine	18220	28 July ..	69	18 Aug.*
Macalister, J., Invercargill, N.Z. Chain-drive manure feed	17116	15 Oct., 1903 ..	69	18 Aug.
Macalpine, T., London, Eng. Oil-refining apparatus	18233	28 July ..	69	18 Aug.*
Madeley, O. T., Corindhap, Vic. Gathering delicate fruit	18451	15 Sept. ..	80	29 Sept.*
Madeley, O. T., Corindhap, Vic. Fruit-tree pruner	18477	22 Sept. ..	83	13 Oct.*
Mahony, E. C., Vancouver, B.C. Wall-sections for house-building ..	18361	22 Aug. ..	80	29 Sept.
Maindonald, F. J., Waimate, N.Z. Oil-engine	18313	12 Aug. ..	74	1 Sept.*
Maine, E., Christchurch, N.Z. Boot or shoe stand	18267	2 Aug. ..	69	18 Aug.*
Manning, E. W., and another, Auckland, N.Z. Advertising	18109	29 June ..	69	18 Aug.*
Marks, J., Auckland, N.Z. Hose-coupling	17359	8 Dec., 1903 ..	77	15 Sept.
Marsh, R. F., East Maitland, N.S.W. Washing-machine	17988	1 June ..	80	29 Sept.*
Martin, G. P., Kelso, N.Z. Animal-cover fastening	18158	11 July ..	69	18 Aug.*
Maxwell, P. C., and others, Latrobe, Tas. Playing-card holder ..	18281	3 Aug. ..	69	18 Aug.*
May, E. G., Christchurch, N.Z. Door-holder	18167	19 July ..	69	18 Aug.*
May, T. W., Auckland, N.Z. Rotary engine	18191	19 July ..	69	18 Aug.*
Mayo, B. F., Salem, U.S.A. (See United Shoe Machinery Company, No. 18299.)				
McArtney, A., Nelson, N.Z. Double-headed match	18239	22 July ..	69	18 Aug.*
McCully, H. S., Upper Waitohi, N.Z. Cultivator-attachment to plough	18249	28 July ..	..	..
McDade, J. J., San Francisco, U.S.A. Affixing postage-stamps ..	18386	1 Sept. ..	83	13 Oct.
McDonald, A. M., Wellington, N.Z. Egg-preserving cabinet	18398	3 Sept. ..	80	29 Sept.*
McDonald, P., Dipton, N.Z. Removably attaching grippers to tires ..	18193	18 July ..	69	18 Aug.*
McEwan, R., Wyndham, N.Z. Fibre-washing apparatus	18417	7 Sept. ..	77	15 Sept.*
McGregor, D., Fordell, N.Z. Cycling-cape	18200	21 July ..	..	..
McGuinness, D. H. K., Wangaratta, Vic. Elevating hand-truck ..	18475	22 Sept. ..	83	13 Oct.*
McIlvride, P., Wanganui, N.Z. Nose-bag	18455	15 Sept. ..	80	29 Sept.*
McLean, G. A., and another, Wellington, N.Z. Partition for room ..	18389	1 Sept. ..	77	15 Sept.*
McLennan, W., and another, Dunedin, N.Z. Coal-saver and draught-regulator	18198	18 July ..	69	18 Aug.
McLennan, R. M., Dunedin, N.Z. Calendar	18195	18 July ..	69	18 Aug.*
McLennan, R. M., Dunedin, N.Z. Divider	18350	19 Aug. ..	74	1 Sept.*
McLeod, A., Auckland, N.Z. Marking-stamp	18315	11 Aug. ..	74	1 Sept.*
McLeod, A., Brisbane, Q. Camera tripod-stand	18474	22 Sept. ..	83	13 Oct.*
McMaster, E. G. D., Matawhero Station, N.Z. Turnip-trimmer ..	18339	19 Aug. ..	80	29 Sept.
McNeil, A. C., Brunswick, N.Z. Cow-leg roper	18276	4 Aug. ..	69	18 Aug.*
McNeill, J. F., Melbourne, Vic. Fertiliser-distributor	18242	28 July ..	77	15 Sept.
McNeill, J. F., Melbourne, Vic. Gate	18369	25 Aug. ..	80	29 Sept.
McPharlin, A. J., Whangapoua, N.Z. Catching kauri-gum	18182	20 July ..	69	18 Aug.
McPhee, J. H. A., Dunedin, N.Z. Reducing pulverised iron-ore ..	18490	20 Sept. ..	..	..
McQueen, J. H., and others, Dunedin, N.Z. Decanter	18122	2 July ..	69	18 Aug.*
Meiklejohn, J. B., and others, Dunedin, N.Z. Indicating destination of cars, trains, &c.	18172	14 July ..	66	4 Aug.*
Meredith, J. T., Geraldine, N.Z. Motor-tire metal shield	18143	8 July ..	62	21 July.*
Mergenthaler, O., and another. (See E. Waters, jun., No. 17574.)				
Merrett, J. A., and others, Wellington, N.Z. Apparatus for drying blood ..	18106	1 July ..	66	4 Aug.*
Merrett, J. A., and others, Wellington, N.Z. Apparatus for drying milk, blood, &c.	18261	2 Aug. ..	69	18 Aug.*
Miller, J. H., Chatton, N.Z. Turnip-seed sower	16938	10 Sept., 1903 ..	62	21 July.
Miller, W. E. C. T., and another, Sydenham, N.Z. Piano-insulator ..	18217	22 July ..	69	18 Aug.*
Mitchell, F., Heathcote, Vic. Vehicle-brake	18275	4 Aug. ..	74	1 Sept.*
Mitchell, H. L., and others, South Godstone, Eng. Coal-dust binding-composition	18238	28 July ..	74	1 Sept.
Mitchell, J., Auckland, N.Z. Cock for low pressures	18346	15 Aug. ..	80	29 Sept.
Moore, M., and another, Melbourne Vic. Ore-treatment apparatus ..	17425	30 Dec. 1903 ..	77	15 Sept.
Morris, R. B., and another, Christchurch, N.Z. Basket-lid fastener ..	18459	17 Sept. ..	80	29 Sept.*
Morrison, A., Dunedin, N.Z. Dredge-screen	18135	7 July ..	66	4 Aug.
Morrison, D. H., Wanganui, N.Z. Bridge-marker	18292	9 Aug. ..	77	15 Sept.
Morton, H. J., Chicago, U.S.A. (See F. J. Jones, No. 17285.)				
Morton, W., and others, Dunedin, N.Z. Turnip-thinning machine ..	18215	22 July ..	69	18 Aug.*
Moss, E., Christchurch, N.Z. Stamping and franking machine	18337	17 Aug. ..	74	1 Sept.*
Moss, E., and another, Avonside, N.Z. Basket-lid fastener	18459	17 Sept. ..	80	29 Sept.*
Mouat, B. J., Dunedin, N.Z. Draught-regulator for grate	18515	24 Sept. ..	..	..
Mowlem, H., Palmerston North, N.Z. Opening envelopes	18207	9 Aug. ..	77	15 Sept.*
Mowlem, H., Palmerston North, N.Z. Opening envelopes	18207	9 Aug. ..	77	15 Sept.
Murnane, C., Sydney, N.S.W. Chaff-cutter	18387	1 Sept. ..	77	15 Sept.*
Mutch, A., and another, Carterton, N.Z. Washing-boiler	17634	8 March ..	66	4 Aug.
Nankivell, E. H., Waikouaiti, N.Z. Pinion-oiler	17335	3 Dec., 1903 ..	80	29 Sept.
Nash, J. G., Adelaide, S.A. Gas-producer	18273	4 Aug. ..	77	15 Sept.
Nash, T. A., Christchurch, N.Z. Preventing guttering in candles ..	17826	25 April ..	62	21 July.
Nathan, A., and others, Feilding, N.Z. Apparatus for drying blood ..	18106	1 July ..	66	4 Aug.*
Nathan, A., and others, Feilding, N.Z. Apparatus for drying milk, blood, &c.	18261	2 Aug. ..	69	18 Aug.*
Nathan, F. J., and others, Palmerston North, N.Z. Apparatus for drying blood	18106	1 July ..	66	4 Aug.*
Nathan, F. J., and others, Wellington, N.Z. Apparatus for drying milk, blood, &c.	18261	2 Aug. ..	69	18 Aug.*
National Typographic Company, Charleston, U.S.A. (See E. Waters, jun., No. 17574.)				
Natrass, L. N., and another, Lower Hutt, N.Z. Churn	18380	30 Aug. ..	80	29 Sept.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Nelson, G. M., and another, Warragul, Vic. Disc plough	18507	28 Sept. ..	83	13 Oct.*
Nelson, M., Kalgoorlie, W.A. (See C. F. Strauss, No. 18131.)				
Nettheim, C., and another, Sydney, N.S.W. Boot	18289	5 Aug. ..	77	15 Sept.
New Inverted Incandescent Gas-lamp Company, Limited, The, London, Eng. Mantle-support. (J. Bridger)	18326	17 Aug. ..	..	..
Nicholson, J. S., Okaihū, N.Z. Nail	18439	8 Sept. ..	83	13 Oct.*
Nicolson, S., Gore, N.Z. Non-freezable tap	18144	11 July ..	62	21 July.*
Nicolson, S., Gore, N.Z. Non-freezing tap	18196	19 July ..	69	18 Aug.*
Nicolson, S., Gore, N.Z. Attaching leather strips to motor-tires ..	18197	19 July ..	69	18 Aug.*
Nicolson, S., Gore, N.Z. Making leather waterproof	18514	28 Sept. ..	83	13 Oct.*
Nikander, J. A., Christchurch, N.Z. Floor-cram	18283	3 Aug. ..	69	18 Aug.*
Nikander, M., Christchurch, N.Z. Appliance for use by young children	18087	24 June ..	66	4 Aug.*
Noonan, J. H., and another, Auckland, N.Z. Billiard-rest	18176	14 July ..	69	18 Aug.
Nunn, P., Tungamah, Vic. Clay-remover from hoes of grain-drills ..	18297	11 Aug. ..	69	18 Aug.*
Nuttall, B. O., Dannevirke, N.Z. Window-fastener	18347	20 Aug. ..	..	..
Nuttall, W. T., Wanganui, N.Z. (See W. E. Hughes, No. 16873.)				
Oakley, G. C., and others, South Godstone, Eng. Coal-dust binding-composition	18238	28 July ..	74	1 Sept
Oates, G. P., and another, Springfield, U.S.A. (See American Seeding-machine Company, No. 18204.)				
O'Brien, W., jun., Waipori, N.Z. Obtaining hydraulic power from waves	18160	15 July ..	69	18 Aug.*
O'Connor, T. B., Auckland, N.Z. Indicator for race-horse bridle ..	18152	14 July ..	66	4 Aug.*
O'Connor, T. B., and another, Auckland, N.Z. Billiard-rest	18176	14 July ..	69	18 Aug.
O'Connor, T. B., Auckland, N.Z. Racing bridle and bit	18246	25 July ..	77	15 Sept.
O'Hara, W. J., Papatoitō, N.Z. Waggon	17172	27 Oct., 1903..	77	15 Sept.
Olden, O. L., and another, Ballarat, Vic. Extracting gold	17810	21 April ..	74	1 Sept.
Olsen, O. M. J., and another, Parramatta, N.S.W. Gas-burner regulator	18391	1 Sept. ..	83	13 Oct.
O'Neil, J., Christchurch, N.Z. Windmill	18352	22 Aug. ..	77	15 Sept.*
O'Neill, P. S., and another, Kokiri, N.Z. Vehicle-couplings.. ..	18396	2 Sept. ..	77	15 Sept.*
Orbell, R. L., Timaru, N.Z. Turnip-puller	18341	18 Aug. ..	77	15 Sept.*
Packham, F. R., and another, Springfield, U.S.A. (See American Seeding-machine Company, No. 18204.)				
Paladini, R., Wellington, N.Z. Flushing-pan	18473	22 Sept. ..	83	13 Oct.*
Palmer, J. S., Wanganui, N.Z. Account-book	18522	30 Sept. ..	..	..
Park, A. J., Dunedin, N.Z. Rotary engine. (F. Kettle)	18294	6 Aug. ..	74	1 Sept.*
Park, T. M., Chicago, U.S.A. Ore-loading machine	18323	17 Aug. ..	80	29 Sept.
Parker, A., Dannevirke, N.Z. Ballot-box	18502	28 Sept. ..	83	13 Oct.*
Paterson, R. T., and another, Melbourne, Vic. Parcel-strap. (J. Kinsella)	17198	30 Oct., 1903..	74	1 Sept.
Paul, T. T., and another, Dunedin, N.Z. Binder for mercantile papers, &c.	18206	21 July ..	69	18 Aug. *
Paul, T. T., and another, Dunedin, N.Z. Paper-binder	18370	23 Aug. ..	77	15 Sept. *
Payne, W. H., Palmerston North, N.Z. Dirt-screen for motor-car ..	18259	2 Aug. ..	69	18 Aug.
Peart, A. A., and others, Latrobe, Tas. Playing-card holder	18281	3 Aug. ..	69	18 Aug.*
Perdriau, E. C., Melbourne, Vic. Rubber heels, soles, tips, &c. ..	18364	25 Aug. ..	77	15 Sept.*
Perdriau, E. M., Drummoyne, N.S.W. Riding-coat. (H. Daniell) ..	17161	24 Oct., 1903..	69	18 Aug.
Perniskie, V., Christchurch, N.Z. Nib-ejector	18120	2 July ..	66	4 Aug.
Perry, J. W., Christchurch, N.Z. Bicycle	18466	20 Sept. ..	80	29 Sept.*
Petrie, J., Timaru, N.Z. Sash-lock	18115	4 July ..	66	4 Aug.
Pettibone, H., and another, Hartford, U.S.A. (See E. S. Baldwin and H. H. Rayward, No. 17961.)				
Pilkington, W. W., and another, Wellington, N.Z. Churn	18380	30 Aug. ..	80	29 Sept.*
Piper, W. H., and another, Sydenham, N.Z. Extension boot	18134	7 July ..	66	4 Aug.*
Ponninghaus, W., Papanui, N.Z. Incubator	18216	22 July ..	69	18 Aug.*
Power and Mining Machinery Company, New York, U.S.A. (See E. S. Baldwin and H. H. Rayward, No. 17961.)				
Price, J. C. R., and another, Palmerston North, N.Z. Body for two-wheeled vehicle	18423	7 Sept. ..	83	13 Oct.
Prior, A., Dunedin, N.Z. Box	18278	2 Aug. ..	69	18 Aug.*
Purkiss, J., Halcombe, N.Z. Affixing stamps on wafers	18358	24 Aug. ..	77	15 Sept.*
Quertier, H., and another, Dunedin, N.Z. Flashlight apparatus ..	18257	1 Aug. ..	69	18 Aug.*
Quertier, H., and another, Dunedin, N.Z. Flashlight-powder	18258	1 Aug. ..	69	18 Aug.*
Quertier, H., Dunedin, N.Z. Dredging and excavating machinery ..	18306	11 Aug. ..	74	1 Sept.*
Quin, W., Wellington, N.Z. Receipt and cheque form	18408	6 Sept. ..	80	29 Sept.*
Randell, M., Auckland, N.Z. Ventilator	18314	12 Aug. ..	..	..
Rankin, W. F., Auckland, N.Z. Stove-protector	181631	6 July ..	69	18 Aug.*
Rasmussen, N., Mauriceville West, N.Z. Belt-fastener	18356	23 Aug. ..	77	15 Sept.*
Raworth, J. S., Streatham, Eng. Electrically propelled vehicle ..	18376	20 Aug. ..	80	29 Sept.
Ray, F., East Orange, U.S.A. (See Henry R. Worthington, Nos. 18366 and 18367.)				
Raymond, F. V., Invercargill, N.Z. Knife-cleaner	18140	5 July ..	66	4 Aug.*
Rayward, H. H., and another, Wellington, N.Z. Making producer and water gas. (Power Mining Machinery Company—B. Loomis and H. Pettibone)	17961	26 May ..	74	1 Sept.*
Reid, A., Whangamomona, N.Z. Hook for reins, traces, &c.	18409	6 Sept. ..	77	15 Sept.*
Richard, M., and another, Glasgow, Scotland. Bakers' oven	18531	29 Sept. ..	..	..
Richards, W. M., and others, Brisbane, Q. Earth-closet	18357	23 Aug. ..	77	15 Sept.*
Richardson, E., Hawthorn, Vic. Cycle free-wheel.. ..	18368	25 Aug. ..	77	15 Sept.*
Richmond, A. P., Marrickville, N.S.W. Therapeutic apparatus	18214	26 July ..	74	1 Sept.

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Richmond, A. P., Marrickville, N.S.W. Apparatus for treating diseases	18330	17 Aug.	80	29 Sept.
Rickard, F. G., Ashburton, N.Z. Iron building-material	18472	22 Sept.	..	..
Ridgway, J. E., and others, Unley, S.A. Destruction of rabbits	18509	28 Sept.	83	13 Oct.*
Rifenburg, W. G., San Francisco, U.S.A. Muller and amalgamator	18271	4 Aug.	77	15 Sept.
Rigby, W. S., Greymouth, N.Z. Launching ships' boats	18153	14 July	66	4 Aug.*
Ritchie, T., Grasmere, N.Z. Stop-cock	18524	28 Sept.	83	13 Oct.*
Ritscher, J., Melbourne, Vic. Cycle-crank	17363	11 Dec., 1903	69	18 Aug.
Robertson, D., Wellington, N.Z. Envelope, wrapper, &c.	18518	24 Sept.	83	13 Oct.*
Robertson, D. M., Christchurch, N.Z. Totalisator	16958	11 Sept., 1903	59	7 July.
Robertson, J., Waitati, N.Z. Tail-grip for cattle, &c.	16985	11 Sept., 1903	59	7 July.
Robison, D. M., and another, St. Kilda, Vic. Cow-milking apparatus	18303	11 Aug.	..	..
Rogers, T., Wellington, N.Z. Forming O.G. spouting and ridging	18209	25 July	69	18 Aug.
Rooney, J. W., and others, Dunedin, N.Z. Indicating destination of cars, trains, &c.	18172	14 July	66	4 Aug.*
Rose, H. S., and another, Christchurch, N.Z. Kitson lamp light-extinguisher	18126	4 July	62	21 July.*
Roseman, S. G., Auckland, N.Z. Broom and brush	18147	12 July	62	21 July.*
Rowe, D., Wanganui, N.Z. Pneumatic-tire pump.	18130	6 July	66	4 Aug.
Rowe's Patent Lock and Block, Limited, Sydney, N.S.W. Railway-traffic control system. (W. Rowe)	18274	4 Aug.	69	18 Aug.*
Rowe, W., Marrackville, N.S.W. (See Rowe's Patent Lock and Block, Limited, No. 18274.)				
Rowland, J. H., Waipukurau, N.Z. Game	18492	24 Sept.	..	..
Russell, R. A. C., Walsall, Eng. Saddle-tree	18388	26 March†	77	15 Sept.*
Ryan, M., Greymouth, N.Z. Gold-saving apparatus	18434	9 Sept.	80	29 Sept.*
Sampson, A. G., Mokau, N.Z. Lining-cramp	18317	15 Aug.	74	1 Sept.*
Samuel, T., Westport, N.Z. Auriferous-gravel elevator	18403	5 Sept.	77	15 Sept.*
Sander, G. E. C F., Westport, N.Z. Gate-latch	18192	21 July	..	..
Sanders, G. S., and others, Kensington, S.A. Destruction of rabbits	18509	28 Sept.	83	13 Oct.*
Sanderson, J., and another, New Plymouth, N.Z. Drawing table and easel	17911	14 May	66	4 Aug.
Sands, R., and another, Sydney, N.S.W. Half-tone photo-lithography	18333	18 Aug.	77	15 Sept.
Sauvage, W. H., Manhattan, U.S.A. (See W. J. Spruson, No. 17846.)				
Savary, A., East Melbourne, Vic. Manufacturing jewellery	18334	18 Aug.	74	1 Sept.*
Schmidt, W. S. D., Auckland, N.Z. Protecting boot-soles	18494	22 Sept.	83	13 Oct.*
Schultz, C. H., Christchurch, N.Z. Glove	18332	15 Aug.	77	15 Sept.*
Schulze, E., Auckland, N.Z. Catamenial appliance	18371	25 Aug.	80	29 Sept.*
Scoon, J., Oamaru, N.Z. Trough	18264	3 Aug.	74	1 Sept.
Scott, G. M., Dunedin, N.Z. Sash-balance	18310	9 Aug.	74	1 Sept.*
Scott, W., and another, Glasgow, Scotland. Bakers' oven	18531	29 Sept.	..	..
Searle, W. E., and another, Oamaru, N.Z. Breaching-strap hook	18253	29 July	74	1 Sept.*
Searle and Gibb, Oamaru, N.Z. (See W. E. Searle and W. Gibb, No. 18253.)				
Shailer, P. H., Auckland, N.Z. Submarine torpedo-boat	18146	8 July	62	21 July.*
Shelton, F. J., Wellington, N.Z. Range-heater	17308	28 Nov., 1903	77	15 Sept.
Shelton, F. J., Wellington, N.Z. Acetylene-generator	18199	21 July	69	18 Aug.
Shelton, F. J., Wellington, N.Z. Acetylene-generator	18462	19 Sept.	..	..
Shepherd, J., Te Kōhanga, N.Z. Thief-proof lock for doors, &c.	18424	5 Sept.	77	15 Sept.*
Shepherd, J., Te Kōhanga, N.Z. Water-gauge for steam-boiler	18425	5 Sept.	77	15 Sept.*
Shiels, J., and another, Balfour, N.Z. Air or vacuum buffer	18159	14 July	69	18 Aug.*
Shoob, I., London, Eng. Incandescent-gas burner	18287	9 Aug.	77	15 Sept.
Shury, F. G., Greymouth, N.Z. Feed-water filter	18154	25 May	66	4 Aug.
Sibbit, J. M., Hawthorn, Vic. Wire-gauge screen-roller	18519	29 Sept.	..	..
Small, C. C., Newton, Highlands, U.S.A. Top-lift for boot and shoe	18100	24 Oct., 1903†	66	4 Aug.*
Smallbone, R. E., Auckland, N.Z. Bread-toaster	18254	1 Aug.	77	15 Sept.
Smith, C. E. E., Auckland, N.Z. Smoke-consumer	18189	16 July	69	18 Aug.*
Smith, C. E. E., Auckland, N.Z. Castor	18188	18 July	..	..
Smith, C. E. E., and another, Auckland, N.Z. Fire and hearth screen	18187	18 July	..	..
Smith, E., Gisborne, N.Z. Stopping holes in ships	17010	18 Sept., 1903	59	7 July.
Smith, F. W., Dannevirke, N.Z. Acetylene-generator	17031	29 Sept., 1903	66	4 Aug.
Smith, G. C., St. Kilda, Vic. (See A. E. Langford, No. 18510.)				
Smith, J. H., Bairnsdale, Vic. Gate-post "falls." (W. M. Alexander)	18469	22 Sept.	..	..
Smith, S., Christchurch, N.Z. Sandal	18157	12 July	69	18 Aug.*
Smith, T., Kotuku, N.Z. Boring apparatus	17400	21 Dec., 1903	69	18 Aug.
Sneddon, W., Dunedin, N.Z. Garment-suspender	18260	2 Aug.	69	18 Aug.*
Sneesby, J. J., and another, Melbourne, Vic. Crimping-can bodies	18479	22 Sept.	83	13 Oct.*
Sneesby, J. J., and another, Melbourne, Vic. Securing ends of tin-canisters	18480	22 Sept.	83	13 Oct.*
Sneesby, J. J., and another, Melbourne, Vic. Rotary can-seaming machine	18508	28 Sept.	83	13 Oct.*
Soper, F., Athol, N.Z. Automatically-rocking cradles	18164	16 July	69	18 Aug.*
Speden, A., Timaru, N.Z. Door-lock	18223	25 July	69	18 Aug.*
Spencer, W. E., and another, New Plymouth, N.Z. Drawing table and easel	17911	14 May	66	4 Aug.
Spiller, W. H., Albert Park, Vic. Cream-separator and milk-cooler	18291	9 Aug.	69	18 Aug.*
Spruson, W. J., Sydney, N.S.W. Railway brake. (W. H. Sauvage)	17846	27 April	69	18 Aug.
Standard Mouthpiece Machine Company, New York, U.S.A. Cigarette mouthpiece. (G. P. Butler.)	18418	7 Sept.	83	13 Oct.
Standen, W. J., Pleasant Point, N.Z. Lamb cutter and tailer	17322	2 Dec., 1903	80	29 Sept.
Steele, R., and another, Sydney, N.S.W. Boot	18289	5 Aug.	77	15 Sept.
Stephan, A., and another, Waverley, N.S.W. Half-tone photo lithography	18333	18 Aug.	77	15 Sept.
Stephenson, A. A., Fremantle, W.A. Inflammable gas	18181	19 July	69	18 Aug.*

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Name, Address, and invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Stevens, T. G., Greenhithe, Eng. Cycle-saddle	17604	2 March ..	74	1 Sept.
Stevenson, G. S., and another, Gore, N.Z. Air or vacuum buffer ..	18159	14 July ..	69	18 Aug.*
Stevenson, G. S., Gore, N.Z. Furniture drawers	18533	30 Sept. ..	..	..
Stevenson, G. S., Gore, N.Z. Cork-seal	18534	30 Sept. ..	..	..
Stevenson, G. S., Gore, N.Z. Dredge-clay remover	18535	30 Sept. ..	83	13 Oct.*
Stevenson, G. S., and another, Gore, N.Z. Rifle wind-gauge ..	18265	3 Aug. ..	69	18 Aug.*
Stevenson, J., Waimate, N.Z. Tent	18527	30 Sept. ..	83	13 Oct.*
Stevenson, W., Auckland, N.Z. Billiard and dining table ..	18307	29 June ..	74	1 Sept.
Stevenson, W., Auckland, N.Z. Dining and billiard table ..	17874	2 May ..	77	15 Sept.
Stevenson, W., Auckland, N.Z. Boiler-cover tub and clothes carrier ..	18379	30 Aug. ..	80	29 Sept.
Stewart, St. G. T. W., and another, Sydenham, N.Z. Piano-insulator ..	18217	22 July ..	69	18 Aug.*
Stewart, J., Dunedin, N.Z. Polish-spreader	18400	5 Sept. ..	77	15 Sept.*
Stewart, T. C., Echuca, Vic. Drying-frame for shrinkable clothing ..	18171	13 July ..	66	4 Aug.*
Stoddart, W. G., Geelong, Vic. Driving dentists and surgeon's drills ..	18145	8 July ..	62	21 July.*
Stokoe, F. W., Auckland, N.Z. Ladder	18345	20 Aug. ..	80	29 Sept.
Storer, J., and another, Melbourne, Vic. Recovering gold	18457	14 Sept. ..	80	29 Sept.*
Storrie, A., Invercargill, N.Z. Turnip-thinner	17280	23 Nov., 1903	77	15 Sept.
Strain, J. J., Christchurch, N.Z. Gas-stove	18222	25 July ..	74	1 Sept.
Strain, J. J., Christchurch, N.Z. Gas-stove	18296	9 Aug. ..	74	1 Sept.
Strauss, C. F., Kalgoorlie, W.A. Gripper for ore-feeder. (M. Nelson) ..	18131	7 July ..	66	4 Aug.
Stringfellow, C., Auckland, N.Z. Button-hook	18411	6 Sept. ..	..	..
Sutherland, R. A. D., and another, Invercargill, N.Z. Candle-holder ..	18295	2 Aug. ..	74	1 Sept.*
Tagell, J., Bethanga, Vic. Cylindrical valve for rock-drills, &c. ..	17208	5 Nov., 1903	69	18 Aug.
Tattersfield, J. W., Auckland, N.Z. Parchment window-blind ..	18360	22 Aug. ..	77	15 Sept.
Taylor, E., Brisbane, Q. Determining amount of liquid withdrawn from a vessel by a syphon ..	18447	15 Sept. ..	80	29 Sept.*
Taylor, J., Newcastle, N.S.W. Washboard	18430	8 Sept. ..	83	13 Oct.
Taylor, R. B., and another, Newcastle, N.S.W. Washboard and rubber ..	18236	28 July ..	69	18 Aug.*
Taylor, R., and another, Melbourne, Vic. Flooring for bridges ..	18401	31 Aug. ..	77	15 Sept.*
Tehan, M. J., Heathcote, Vic. Reaper and binder	18328	17 Aug. ..	80	29 Sept.
Theobald, J., Eltham, N.Z. Shaft-tug	18458	17 Sept. ..	80	29 Sept.*
Thomas, R., and another, Waitara, N.Z. Fencing-post	18331	15 Aug. ..	..	..
Thomas, R., and others, Rockhampton, Q. Earth-closet	18357	23 Aug. ..	77	15 Sept.*
Thompson, P. E., Remuera, N.Z. Fire-lighter	18440	9 Sept. ..	83	13 Oct.*
Thompson, W., Surrey, Eng. (See A. S. Burgess, No. 18437.) ..	..	..	..	..
Thomson, J., Invercargill, N.Z. Vehicle-wheel tire	18136	4 July ..	66	4 Aug.*
Timmins, T., and another, South Melbourne, Vic. Flooring for bridges, &c. ..	18401	31 Aug. ..	77	15 Sept.*
Todd, J. P., and another, Stretford, Eng. (See J. T. Hunter, No. 18290.) ..	..	..	..	..
Toft, J. M., Karaka, Drury, N.Z. Pneumatic horse-collar	18091	28 June ..	66	4 Aug.*
Toohy, J. T., and another, Sydney, N.S.W. Knife-cleaner	17690	23 March ..	69	18 Aug.
Torrente, M., Johannesburg, Transvaal. Separating solid matter ..	18450	15 Sept. ..	80	29 Sept.*
Tregelles, F. A., New Plymouth, N.Z. Moveable river and sea groin ..	18240	26 July ..	69	18 Aug.*
Tregelles, F. A., New Plymouth, N.Z. Building river and sea walls, groins, &c. ..	18241	26 July ..	69	18 Aug.*
Trehwella, B., and another, Trentham, Vic. Land-clearing jack ..	18435	6 Sept. ..	80	29 Sept.*
Trehwella, B., and another, Trentham, Vic. Pawl and ratchet mechanism ..	18436	6 Sept. ..	80	29 Sept.*
Trehwella, W., and another, Trentham, Vic. Land-clearing jack ..	18435	6 Sept. ..	80	29 Sept.*
Trehwella, W., and another, Trentham, Vic. Pawl and ratchet mechanism ..	18436	6 Sept. ..	80	29 Sept.*
Turner, A. A., and another, Tikitapu, N.Z. Separating dirt from milk ..	18404	5 Sept. ..	77	15 Sept.*
United Shoe Machinery Company, Paterson, U.S.A. Loose nailer. (G. Goddu) ..	17380	17 Dec., 1903..	80	29 Sept.
United Shoe Machinery Company, Paterson, U.S.A. Mould for heel-compressor. (C. L. Whiting) ..	18298	11 Aug. ..	69	18 Aug.*
United Shoe Machinery Company, Paterson, U.S.A. Mould for heel-compressor. (B. F. Mayo) ..	18299	11 Aug. ..	69	18 Aug.*
United Shoe Machinery Company, Paterson, U.S.A. Brush. (C. E. Graham) ..	18224	28 July ..	74	1 Sept.*
United Shoe Machinery Company, Paterson, U.S.A. Mould for heel-compressor. (T. Lund) ..	18300	11 Aug. ..	74	1 Sept.*
United Shoe Machinery Company, Paterson, U.S.A. Welt-attaching apparatus. (G. Goddu) ..	18363	25 Aug. ..	80	29 Sept.*
United Shoe Machinery Company, Paterson, U.S.A. Wax-thread sewing-machine. (F. A. Kern) ..	18392	1 Sept. ..	77	15 Sept.*
Visintini, F., Zurich, Switzerland. Lattice-girder, column, &c. ..	18127	6 July ..	66	4 Aug.
Wales, R., Dunedin, N.Z. Collar-stud	18169	13 July ..	69	18 Aug.*
Wales, R., Dunedin, N.Z. Material-divider	18177	15 July ..	69	18 Aug.*
Wales, R., Dunedin, N.Z. Coin-controlled stamp-affixer	18170	13 July ..	66	4 Aug.*
Wales, R., Dunedin, N.Z. Material-divider	18178	15 July ..	69	18 Aug.*
Wales, R., Dunedin, N.Z. Material-divider	18194	18 July ..	69	18 Aug.*
Wales, R., Dunedin, N.Z. Packeting discrete materials	18244	26 July ..	69	18 Aug.*
Wales, R., Dunedin, N.Z. Coin-controlled machine	18251	28 July ..	74	1 Sept.*
Wales, R., Dunedin, N.Z. Mitre-cutter	18311	9 Aug. ..	74	1 Sept.*
Walker, C. L., Harrow, Eng. (See The Leslie Walker Instantaneous Fire-detector and Fire-indicator Company, Limited, No. 18231.) ..	..	..	..	..
Wall, W. C., and another, Newtown, N.S.W. Knife-cleaner	17690	23 March ..	69	18 Aug.
Wallace, G. H., and another, Brisbane, Q. Signalling from exchange to totalisator	18201	26 July ..	..	..

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Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Ward, H., Dunedin, N.Z. Skylight	18284	3 Aug. ..	74	1 Sept.
Ward, H., Dunedin, N.Z. Scraper for brushes	18397	31 Aug. ..	..	..
Ward, T., and others, Southwark, S.A. Destruction of rabbits	18509	28 Sept. ..	83	13 Oct.*
Waters, jun., E., Melbourne, Vic. Typographic machine. (National Typographic Company.—O. Mergenthaler and E. Lawrenz)	17574	25 Feb. ..	62	21 July.
Watson, A. E., Kyneton, Vic. Wheel-scraper	17216	6 Nov., 1903	69	18 Aug.
Watson, F. L., and another, Leeds, Eng. Refuse-furnace	18230	28 July ..	74	1 Sept.
Watson, G., and another, Leeds, Eng. Refuse-furnace	18230	28 July ..	74	1 Sept.
Watson, J., and others, Dunedin, N.Z. Decanter	18122	2 July ..	69	18 Aug.*
Watson, R. S., Islington, N.Z. Refrigerator-pipe cleaner	17313	2 Dec., 1903..	74	1 Sept.
Watt, C. L., and others, Dunedin, N.Z. Indicating destination of cars, trains, &c.	18172	14 July ..	66	4 Aug.*
Watt, J., Balclutha, N.Z. Utilising waste heat from oil-lamp, &c. ..	18221	27 July ..	69	18 Aug.*
Watt, J., Balclutha, N.Z. Portable gas-fire ball-heater	18414	6 Sept. ..	83	13 Oct.*
Waugh, C. J., Wellington, N.Z. Turning and crowning speed pulleys..	18255	15 Aug. ..	69	18 Aug.*
Way, R. F., and another, Orehunga, N.Z. Spring-tip tug	18320	16 Aug. ..	74	1 Sept.*
Way, R. F., Auckland, N.Z. Window-fastener	18413	6 Sept. ..	83	13 Oct.*
Way, R. F., and another, Auckland, N.Z. Wire-woven mattress	18454	15 Sept. ..	..	..
Weinrich, M., Yonkers, U.S.A. Drying granular materials	18415	7 Sept. ..	83	13 Oct.
Wells, W. L., and others, Latrobe, Tas. Playing-card holder	18281	3 Aug. ..	69	18 Aug.*
Westbury, A. P., and another, Lower Hutt, N.Z. Sash-bar for green-houses, &c.	18262	3 Aug. ..	69	18 Aug.*
Weston, R., Sydenham, N.Z. Cycle-shoe	18498	26 Sept. ..	83	13 Oct.*
Whatley, A., and others, Chaddington, Eng. Straining liquids	18128	6 July ..	..	..
Whiley, R., Wellington, N.Z. Insecticide	18208	25 July ..	69	18 Aug.*
Whiley, R., jun., Ohau, N.Z. Station-indicator	18486	23 Sept. ..	83	13 Oct.*
White, S., Dunedin, N.Z. Car-fender	18342	15 Aug. ..	74	1 Sept.*
Whitehouse, S. G., London, Eng. Wheeled vehicle	18429	2 Sept. ..	..	..
Whiting, C. L., Brockton, U.S.A. (See United Shoe Machinery Company, No. 18298.)				
Whitney, S. E. E., Auckland, N.Z. Ships, torpedo-boats, &c. (A. N. Whitney.)	18344	16 Aug. ..	74	1 Sept.*
Whitney, A. N., Melbourne, Vic. (See S. E. E. Whitney, No. 18344.)				
Whitney, W. R., Schenectady, U.S.A. Filaments.. .. .	18503	28 Sept. ..	..	..
Williams, A. E., Woolahra, N.S.W. Luggage label and case	18482	22 Sept. ..	..	..
Williams, I., Yarraville, Vic. Parlour game	18180	19 July ..	74	1 Sept.*
Williams, J., Hawthorndale, N.Z. Drain-plough	17094	7 Oct., 1903..	69	18 Aug.
Wilson, A., Kaikorai, N.Z. (See J. G. L. Hewitt, No. 17017.)				
Wilson, H., Stratford, N.Z. Killing birds	18497	26 Sept. ..	83	13 Oct.*
Wilson, J., Christchurch, N.Z. File for newspapers, &c.	18125	4 July ..	62	21 July.*
Wilson, R. A., Bul's, N.Z. Loading gravel into trucks	16895	1 Sep., 1903..	69	18 Aug.
Wolff, A. C., and another, Carterton, N.Z. Washing-boiler	17634	8 March ..	66	4 Aug.
Woltereck, H. C., London, Eng. Producing ammonia	18506	28 Sept. ..	..	..
Woods, M., and another, Carlton, Vic. Dressing surfaces of rails ..	18537	30 Sept. ..	..	..
Woolcott, H. S., Wellington, N.Z. Tap	17263	18 Nov., 1903	66	4 Aug.
Woolcott, H. S., Wellington, N.Z. Drainpipe connection	17332	7 Dec., 1903..	74	1 Sept.
Worsey-Hoal Gold-extracting Syndicate, Limited, Liverpool, Eng. Extracting gold from gold-ores. (J. W. Worsey and E. Hoal.)	18225	28 July ..	69	18 Aug.
Worsey, J. W., and another, St. Helens, Eng. (See Worsey-Hoal Gold-extracting Syndicate, Limited, No. 18225.)				
Worthington, Henry R., New York, U.S.A. Centrifugal turbine	18366	25 Aug. ..	80	29 Sept.
Worthington, Henry R., New York, U.S.A. Pump. (F. Ray)	18367	25 Aug. ..	80	29 Sept.
Wright, C. F., and another, Barberton, U.S.A. (See Bryant and May, Limited, No. 18235.)				
Wright, J. P., and another, Akron, U.S.A. (See Bryant and May, Limited, No. 18235.)				
Yager, H., Fitzroy, Vic. Boot	18470	22 Sept. ..	..	..

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 30TH SEPTEMBER, 1904.

* 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	J. S. Palmer	18522	30 Sept. ..	..	..
Account-book, Loose-leaf	H. M. Douglas	18338	19 Aug. ..	74	1 Sept.*
Acetylene-gas generator	C. H. Bissaker	18481	22 Sept. ..	83	13 Oct.*
Acetylene-gas generator	F. W. Smith	17031	29 Sept., 1903	66	4 Aug.
Acetylene-gas generator	F. J. Shelton	18199	21 July ..	69	18 Aug.
Acetylene-gas generator	A. J. Gilseman	18186	21 July ..	69	18 Aug.*
Acetylene-gas generator	F. R. Hyde	18461	16 Sept. ..	83	13 Oct.*
Acetylene-generator	F. J. Shelton	18462	19 Sept. ..	..	..
Acid solutions, Recovering metals from ..	A. Gutensohn	18232	28 July ..	69	18 Aug.*
Advertising exhibitor	A. Divine	17964	25 May ..	66	4 Aug.
Advertising, Method of	J. Dunstan and E. W. Manning	18109	29 June ..	69	18 Aug.*
Advertising, Method of	G. E. Bailey	18252	29 July ..	74	1 Sept.*
Aerated waters, Saving carbonic-acid gas in manufacture of	E. P. Coulter	18449	15 Sept. ..	80	29 Sept.*
Agricultural implements, Mounting for rotary scraper on ..	A. E. Watson	17216	6 Nov., 1903	69	18 Aug.
Air-brake for railway car	W. J. Spruson	17846	27 April ..	69	18 Aug.
Air or vacuum buffer	G. S. Stevenson and J. Shiels ..	18159	14 July ..	69	18 Aug.*
Alarm. (See Fire-alarm, Temperature alarm.)					
Amalgamator and muller	W. G. Rifenburg	18271	4 Aug. ..	77	15 Sept.
Ammonia, Process for producing	H. C. Woltereck	18506	28 Sept. ..	..	..
Ammonium chloride from coal, Obtaining	A. G. French	18493	21 Sept. ..	83	13 Oct.*
Angle and mitre cutter	J. H. Hickman	18375	26 Aug. ..	77	15 Sept.*
Animal-cover fastening	G. P. Martin	18158	11 July ..	69	18 Aug.*
Animal-cover, Securing	W. G. Grave	18101	30 June ..	66	4 Aug.
Animal-trap	A. Campbell	17202	4 Nov., 1903	69	18 Aug.
Anti-fouling composition for ships ..	J. B. Hannay	18036	15 June ..	62	21 July.
Auriferous gravels or sand, Elevating ..	T. Samuel	18403	5 Sept. ..	77	15 Sept.*
Bag, Nose	P. McIlvride	18455	15 Sept. ..	80	29 Sept.*
Baker's oven	M. Richard and W. Scott ..	18531	29 Sept. ..	..	..
Balance. (See Window-sash balance, Sash-balance.)					
Ballot-box	A. Parker	18502	28 Sept. ..	83	13 Oct.*
Barrels, Drawing beer from	J. Bennett and J. Friezer ..	18272	4 Aug. ..	69	18 Aug.*
Basket-lid fastener	E. Moss and R. B. Morris ..	18459	17 Sept. ..	80	29 Sept.*
Bath-tub and clothes-carrier	W. Stevenson	18379	30 Aug. ..	80	29 Sept.
Beer, Drawing from barrels	J. Bennett and J. Friezer ..	18272	4 Aug. ..	69	18 Aug.*
Bells, Means for actuating	T. F. Dowling	17134	22 Oct., 1903	69	18 Aug.
Belt. (See Electric belt, Machine belt.)					
Bicycle	J. W. Perry	18466	20 Sept. ..	80	29 Sept.*
Bicycle-carrying attachment	H. J. Gardiner	18488	23 Sept. ..	83	13 Oct.*
Bicycle. (See also Cycle.)					
Bicycle-stand	M. Hogan	17791	15 April ..	69	18 Aug.*
Bicycle-stand	P. J. de la Haye	18108	28 June ..	66	4 Aug.
Bicycle-stand	A. A. Bushell	18448	15 Sept. ..	80	29 Sept.*
Billiard and dining table combined ..	W. Stevenson	18307	29 June ..	74	1 Sept.
Billiard and dining table combined ..	W. Stevenson	17874	2 May ..	77	15 Sept.
Billiard-rest	J. H. Noonan and T. B. O'Connor	18176	14 July ..	69	18 Aug.
Billiard-table, Convertible	H. U. Alcock	18517	24 Sept. ..	..	..
Billiard-table, Cushion-rails of	F. A. Alcock	18405	6 Sept. ..	77	15 Sept.*
Billies, Handle and lid opener for ..	M. Aldis	18247	26 July ..	69	18 Aug.*
Binder for loose sheets	T. Foster and T. T. Paul ..	18370	23 Aug. ..	77	15 Sept.*
Binder. (See also Newspaper-binder, Reaper-and-binder.)					
Bird-trap	W. King	18205	23 July ..	74	1 Sept.
Bird-trap, Reflecting	E. Green	18359	24 Aug. ..	77	15 Sept.*
Birds, Killing by electric current, small..	H. Wilson	18497	26 Sept. ..	83	13 Oct.*
Bit. (See Racing-bit.)					
Blight-killer	R. Whaley	18208	25 July ..	69	18 Aug.*
Blind, Securing to roller	D. Bishop	18118	5 July ..	66	4 Aug.*
Blind. (See Venetian-blind, Window-blind.)					
Block. (See Building-block, Pulley-block, Wood-block.)					
Blood, &c., Apparatus for drying	A. and F. J. Nathan and J. A. Merrett	18261	2 Aug. ..	69	18 Aug.*
Blood, Process for drying	A. and F. J. Nathan and J. A. Merrett	18106	1 July ..	66	4 Aug.*
Board. (See Draught and chess board, Washboard.)					
Boat. (See Rowing-boat, Ship's-boat, Torpedo-boat.)					
Bogie for vehicle, Construction of ..	C. E. Bernays	18464	20 Sept. ..	..	..
Boiler, Combustion of fuel in fire-chamber of	C. E. Bernays	18293	9 Aug. ..	77	15 Sept.
Boiler. (See Steam-boiler, Washing-boiler.)					

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Book-covers	E. A. G. Hamlin	18426	8 Sept. ..	83	13 Oct.*
Book. (See Account-book.)					
Boot	B. Caton	18137	8 July ..	66	4 Aug.*
Boot	C. Nettheim and R. Steele ..	18289	5 Aug. ..	77	15 Sept.
Boot, Extension-	W. H. Piper and A. E. Copley ..	18134	7 July ..	66	4 Aug.*
Boot-finishing composition	E. Don	18218	23 July ..	69	18 Aug.*
Boot or shoe, Cycle	R. Weston	18498	26 Sept. ..	83	13 Oct.*
Boot or shoe	H. Yager	18470	22 Sept. ..	..	..
Boot or shoe sole, Protecting	W. S. D. Schmidt	18494	22 Sept. ..	83	13 Oct.*
Boot or shoe, Rubber heel for	E. C. Perdriau	18364	25 Aug. ..	77	15 Sept.*
Boot or shoe stand	E. Maine	18267	2 Aug. ..	69	18 Aug.*
Boot or shoe, Top-lift for	C. C. Small	18100	24 Oct., 1903†	66	4 Aug.*
Boots, Balmoral	H. Griffiths	18151	14 July ..	66	4 Aug.
Boring apparatus, Diamond drill	T. Smith	17400	21 Dec., 1903	69	18 Aug.
Bottle-filling machine	R. S. Haughton	18133	7 July ..	66	4 Aug.*
Box	A. Prior	18278	2 Aug. ..	69	18 Aug.*
Box. (See also Ballot-box, Butter-box, Match-box, Sound-box.)					
Bracelets, &c., Manufacturing	A. Savary	18334	18 Aug. ..	74	1 Sept.*
Brake. (See Air-brake, Railway brake, Tramway-truck brake, Vehicle-brake.)					
Branding or marking stamp	A. McLeod	18315	11 Aug. ..	74	1 Sept.*
Bread, Holder for use in toasting	R. E. Smallbone	18254	1 Aug. ..	77	15 Sept.
Breakwaters, Caissons and foundations for	F. A. Tregelles	18241	26 July ..	69	18 Aug.*
Breeching-strap, Hooks for end of	W. E. Searle, and W. Gibb ..	18253	29 July ..	74	1 Sept.*
Bricks, &c., Glazing	L. Clark	17106	13 Oct., 1903	77	15 Sept.
"Bridge" marker	D. H. Morrison	18292	9 Aug. ..	77	15 Sept.
Bridges, &c., Caissons for foundation of	F. A. Tregelles	18241	26 July ..	69	18 Aug.*
Bridges, &c., Flooring for	T. Timmins and R. Taylor ..	18401	31 Aug. ..	77	15 Sept.*
Bridle and bit, Racing	T. B. O'Connor	18246	25 July ..	77	15 Sept.
Bridle-fastening	D. Kitchen	18422	7 Sept. ..	77	15 Sept.*
Bridle-fastening	T. H. Brown	18444	13 Sept. ..	83	13 Oct.*
Bridle for racehorse, Indicating-device for	T. B. O'Connor	18152	14 July ..	66	4 Aug.*
Broom or brush	S. G. Roseman	18147	12 July ..	62	21 July.*
Brush	United Shoe Machinery Company ..	18224	28 July ..	74	1 Sept.*
Brush-holder for electric machine	Electric and Train Lighting Syndicate, Limited ..	17952	25 May ..	66	4 Aug.
Brush or broom	S. G. Roseman	18147	12 July ..	62	21 July.*
Brush-scraping attachment	H. Ward	18397	31 Aug. ..	..	..
Brush, Shaving	G. Koch	18478	22 Sept. ..	..	..
Bucket, Clinch for fixing handle to	A. O. and W. J. Grundy ..	18441	13 Sept. ..	83	13 Oct.*
Bucket, Converting kerosene-tin into	S. D. Currie	18142	9 July ..	66	4 Aug.*
Bucket-dredge scouring-attachment	R. Andrew	17612	3 March ..	77	15 Sept.
Buffer, Air or vacuum	G. S. Stevenson and J. Shiels ..	18159	14 July ..	69	18 Aug.*
Building appliance	R. Cosslett	18212	22 July ..	69	18 Aug.*
Building-block, Mould for	J. A. Ferguson	18419	7 Sept. ..	83	13 Oct.
Building blocks and walls	J. A. Ferguson	18421	7 Sept. ..	..	..
Building material, Fire-resisting	H. C. Field	18431	8 Sept. ..	80	29 Sept.*
Building material, Iron	F. G. Rickard	18472	22 Sept. ..	..	..
Buildings, Flooring for	T. Timmins and R. Taylor ..	18401	31 Aug. ..	77	15 Sept.*
Buildings, Portable wall-sections for	E. C. Mahony	18361	22 Aug. ..	80	29 Sept.
Burner. (See Gas-burner.)					
Butter-box	J. Hancock and E. G. Abell ..	18516	24 Sept. ..	..	..
Butter-cutter	L. Bender	18467	21 Sept. ..	..	..
Button-attachment	A. Harvey	18304	11 Aug. ..	74	1 Sept.*
Button-fastener	C. Stringfellow	18411	6 Sept. ..	..	..
Cabinet for preserving eggs in by vapour	A. M. McDonald	18398	3 Sept. ..	80	29 Sept.*
Calendar	R. M. McLennan	18195	18 July ..	69	18 Aug.*
Calliper and divider	A. E. Langford	18510	29 Sept. ..	83	13 Oct.*
Camera, Tripod-stand for	A. McLeod	18474	22 Sept. ..	83	13 Oct.*
Can bodies, Crimping	G. W. Berry and J. J. Sneesby ..	18479	22 Sept. ..	83	13 Oct.*
Can-seaming machine, Rotary	G. W. Berry and J. J. Sneesby ..	18508	28 Sept. ..	83	13 Oct.*
Candle-holder	R. A. D. Sutherland and J. H. Brass ..	18295	2 Aug. ..	74	1 Sept.*
Candlestick	W. Ferrier	17232	12 Nov., 1903	66	4 Aug.
Candles, Preventing guttering of	T. A. Nash	17826	25 April ..	62	21 July.
Canisters, Securing ends of tin	G. W. Berry and J. J. Sneesby ..	18480	22 Sept. ..	83	13 Oct.*
Cap for wheeled vehicle	C. Burrigle and H. Brown ..	18113	4 July ..	66	4 Aug.*
Cap or hat	G. H. Colegrove and H. Corrick ..	18141	9 July ..	66	4 Aug.
Cape, Cycling	D. McGregor	18200	21 July ..	..	..
Car-fender	S. White	18342	15 Aug. ..	74	1 Sept.*
Car-indicator	J. W. Rooney, J. B. Meiklejohn, and C. L. Watt ..	18172	14 July ..	66	4 Aug.*
Car-puller, Locomotive	The Hamilton Manufacturing Company ..	18301	11 Aug. ..	77	15 Sept.
Car. (See Motor-car, Railway car.)					
Carbonic acid gas in manufacture of aerated waters, Saving	E. P. Coulter	18449	15 Sept. ..	80	29 Sept.*
Card. (See Playing card, Postal reply card)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Carrier. (See Clothes-carrier, Egg-carrier.)					
Cart, Tip-	W. F. Harwood and R. F. Way ..	18320	16 Aug. ..	74	1 Sept.*
Cash-check, Electrical	E. Guess	18325	17 Aug. ..	80	29 Sept.
Castor	C. E. E. Smith	18188	18 July ..	..	..
Castor, Ball-bearing	J. H. Hickman	18354	22 Aug. ..	..	..
Catamenial appliance	E. Schulze	18371	25 Aug. ..	80	29 Sept.*
Cattle, Dehorning	R. N. R. Lindsay	18432	8 Sept. ..	80	29 Sept.*
Cattle, Tail-grip for	J. Robertson	16985	11 Sept., 1903	59	7 July.
Cement for jointing pipes	W. Danks	18117	5 July ..	66	4 Aug.
Centrifugal separator bowl, Inlet pipe for	A. L. Christenson	18107	1 July ..	..	..
Centrifugal separator liner	P. A. M. Arnberg	17074	7 Oct., 1903	62	21 July.
Centrifugal turbine pump	Henry R. Worthington	18366	25 Aug. ..	80	29 Sept.
Centrifugal turbine pump	Henry R. Worthington	18367	25 Aug. ..	80	29 Sept.
Chaff-cutter feeding-attachment	C. Murnane	18387	1 Sept. ..	77	15 Sept.*
Chain drive manure-feed	J. Macalister	17116	15 Oct., 1903	69	18 Aug.
Chains, Clasp for spreaders on	J. Holms, jun.	18452	12 Sept. ..	80	29 Sept.*
Channel flap-laying machine	J. B. Hadaway	17315	2 Dec., 1903	74	1 Sept.
Checking machine, Cash-	E. Guess	18325	17 Aug. ..	80	29 Sept.
Cheque form and receipt	W. Quin	18408	6 Sept. ..	80	29 Sept.*
Chess and draught board	J. Collins	18495	26 Sept. ..	..	..
Children, Appliance for use by	M. Nikander	18087	24 June ..	66	4 Aug.*
Chiming-machine	T. Cook	18416	7 Sept. ..	83	13 Oct.
Chromo-photo lithography	A. Stephan and R. Sands	18333	18 Aug. ..	77	15 Sept.
Churn	W. W. Pilkington and L. N. Nat- trass	18380	30 Aug. ..	80	29 Sept.*
Churn, Rotating	S. A. Ekehorn	18390	1 Sept. ..	83	13 Oct.
Cigarette mouthpiece	Standard Mouthpiece Machine Company	18418	7 Sept. ..	83	13 Oct.
Cistern	W. Borlase	18279	2 Aug. ..	69	18 Aug.*
Cistern, Valve for water-	R. Garnham	18129	6 July ..	62	21 July.*
Clasp for spreaders on traces	J. Holms, jun.	18452	12 Sept. ..	80	29 Sept.*
Clay-remover for dredges	G. S. Stevenson	18535	30 Sept. ..	83	13 Oct.*
Clay, Removing from hoes of grain-drill ..	P. Nunn	18297	11 Aug. ..	69	18 Aug.*
Cleaner. (See Knife-cleaner.)					
Cleaning refrigerator-pipes	R. S. Watson	17313	2 Dec., 1903	74	1 Sept.
Clearing land, Lever-jack for	B. and W. Trewhella	18435	6 Sept. ..	80	29 Sept.*
Clinch for fixing handles to buckets ..	A. O. and W. J. Grundy	18441	13 Sept. ..	83	13 Oct.*
Clip, Paper	D. W. Bodle	18446	14 Sept. ..	80	29 Sept.*
Closet, Dry earth-	W. M. Richards, C. J. Cohen, and R. Thomas	18357	23 Aug. ..	77	15 Sept.*
Closet, Flush for water-	R. Paladini	18473	22 Sept. ..	83	13 Oct.*
Clothes-carrier and bath-tub	W. Stevenson	18379	30 Aug. ..	80	29 Sept.
Clothes-peg	C. E. H. Allen	18374	25 Aug. ..	..	..
Coal-cutter and channeller-tool	F. Eisenbeis and F. Gareilly ..	18407	6 Sept. ..	83	13 Oct.
Coal-dust, &c., Binding together	H. L. Mitchell, G. C. Oakley, and G. W. Goode	18238	28 July ..	74	1 Sept.
Coal, Obtaining ammonium chloride from	A. G. French	18493	21 Sept. ..	83	13 Oct.*
Coal-saver for register-grate	J. Hercus and W. McLennan ..	18198	18 July ..	69	18 Aug.
Coat. (See Riding and driving coat.) ..					
Cock, Low-pressure	J. Mitchell	18346	15 Aug. ..	80	29 Sept.
Cock, Stop	T. Ritchie	18524	28 Sept. ..	83	13 Oct.*
Coin-controlled machine	R. Wales	18251	28 July ..	74	1 Sept.*
Coin-controlled stamp-affixing machine	R. Wales	18170	13 July ..	66	4 Aug.*
Coin freed stamping-machine	E. Moss	18337	17 Aug. ..	74	1 Sept.*
Collar, Horse-	J. M. Toft	18091	28 June ..	66	4 Aug.*
Collar-stud	R. Wales	18169	13 July ..	69	18 Aug.*
Collar-stud	C. V. Jenkins	18201	22 July ..	69	18 Aug.*
Column for building	F. Visintine	18127	6 July ..	66	4 Aug.
Combination tool	W. Gray	18094	28 June ..	69	18 Aug.
Combination hanger	S. W. Bonsall	18229	28 July ..	74	1 Sept.
Combustible gas-generator	F. Cotton	18166	19 July ..	74	1 Sept.
Controller. (See Electric-motor con- troller, Vehicle-wheel spread controller, Voltage-controller.)					
Cooler, Milk-	W. H. Spiller	18291	9 Aug. ..	69	18 Aug.*
Cork-seal	G. S. Stevenson	18534	30 Sept. ..	..	..
Coupling. (See Hose-coupling, Pipe-coup- ing, Railway-coupling.)					
Cover. (See Animal-cover, Book-cover, Washing-boiler cover.)					
Cow leg-roper	A. C. McNeill	18276	4 Aug. ..	69	18 Aug.*
Cow leg-roper	F. J. Ellery	17203	5 Nov., 1903	74	1 Sept.
Cradles, Automatically rocking	F. Soper	18164	16 July ..	69	18 Aug.*
Cramp, Lining and flooring	A. G. Sampson	18317	15 Aug. ..	74	1 Sept.*
Cramping floors, Appliance for	J. A. Nikander	18283	3 Aug. ..	69	18 Aug.*
Cream-separator	H. J. Baker	18487	23 Sept. ..	83	13 Oct.*
Cream-separator	G. Leach	17159	29 Oct., 1903	74	1 Sept.
Cream-separator	W. H. Davey	18523	29 Sept. ..	83	13 Oct.*
Cream-separator and milk-cooler	W. H. Spiller	18291	9 Aug. ..	69	18 Aug.*
Cricket-stumps	A. Bridge	18485	22 Sept. ..	..	..
Crimping can bodies	G. W. Berry and J. J. Sneesby ..	18479	22 Sept. ..	83	13 Oct.*
Crozing and chiming machine	T. Cook	18416	7 Sept. ..	83	13 Oct.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date	No.	Date.
Crutches	H. E. Johnson	18489	20 Sept. ..	83	13 Oct.*
Cultivator	P. and D. Duncan, Limited ..	17256	16 Nov., 1903	80	29 Sept.
Cultivator-attachment to plough ..	H. S. McCully	18249	28 July ..	..	..
Curler, Hair-	J. Allen	18372	25 Aug. ..	80	29 Sept.
Current circuit, Controlling voltage of..	J. P. Campbell	16865	27 Aug., 1903	59	7 July.
Current. (See Electric current, Water current.)					
Currents, River-beds, &c. Altering ..	F. R. Field	18312	12 Aug. ..	77	15 Sept.*
Cutter. (See Angle and mitre cutter, Butter-cutter, Chaff-cutter, Coal-cutter, Lamb's-tail cutter, Mitre-cutter, Thread-cutter, Wire-cutter.)					
Cutting-out press	A. P. Grieve	18340	19 Aug. ..	74	1 Sept. *
Cycle	C. D. Brent	18428	3 Sept. ..	80	29 Sept.*
Cycle boot or shoe	R. Weston	18498	26 Sept. ..	..	..
Cycle, Free-wheel for	E. Richardson	18368	25 Aug. ..	77	15 Sept.*
Cycle handle-bar	W. Gray	18116	5 July ..	66	4 Aug.
Cycle-saddle	T. G. Stevens.. ..	17604	2 March ..	74	1 Sept.
Cycles, Throw-crank for	J. Ritscher	17363	11 Dec., 1903	69	18 Aug.
Cycle. (See also Bicycle.)					
Cycling-cape	D. McGregor	18200	21 July ..	..	..
Decanter	J. Callaghan, J. H. McQueen, and J. Watson	18122	2 July ..	69	18 Aug.*
Dehorning cattle	R. N. R. Lindsay	18432	8 Sept. ..	80	29 Sept.*
Dentist's drill, Driving	W. G. Stoddart	18145	8 July ..	62	21 July.*
Destination of cars, trains, &c., indicating	J. W. Rooney, J. B. Meiklejohn, and C. L. Watt	18172	14 July ..	66	4 Aug.*
Diamond-drill boring apparatus ..	T. Smith	17400	21 Dec., 1903	69	18 Aug.
Digger, Potato-	F. W. Lee	18184	21 July ..	69	18 Aug.*
Dining and billiard table combined ..	W. Stevenson.. ..	18307	29 June ..	74	1 Sept.
Dining and billiard table combined ..	W. Stevenson.. ..	17874	2 May ..	77	15 Sept.
Dirt-screen for motor-cars	W. H. Payne	18259	2 Aug. ..	69	18 Aug.
Disc-plough	R. Cleghorn and G. M. Nelson	18507	28 Sept. ..	83	13 Oct.*
Diseases, Apparatus for treating ..	A. P. Richmond	18330	17 Aug. ..	80	29 Sept.
Distributor. (See Fertiliser-distributor, Grain-drill distributor.)					
Divider	R. M. McLennan	18350	19 Aug. ..	74	1 Sept.*
Divider and calliper	A. E. Langford	18510	29 Sept. ..	83	13 Oct.*
Dividing discrete material equally ..	R. Wales	18177	15 July ..	69	18 Aug.*
Dividing discrete material equally ..	R. Wales	18178	15 July ..	69	18 Aug.*
Dividing discrete material equally ..	R. Wales	18194	18 July ..	69	18 Aug.*
Dock, Raising floating-	J. Baker	18211	23 July ..	..	..
Door, Draught, &c., preventer for ..	F. J. Jones	18213	26 July ..	74	1 Sept.
Door-holder	E. G. May	18167	19 July ..	69	18 Aug.
Door-lock	A. Speden	18223	25 July ..	69	18 Aug.*
Door-lock	J. Shepherd	18424	5 Sept. ..	77	15 Sept.*
Door-lock	E. E. Hannaford	18468	21 Sept. ..	80	29 Sept.*
Drainpipe connection.. ..	H. S. Woolcott	17332	7 Dec., 1903	74	1 Sept.
Drain-plough	J. Williams	17094	7 Oct., 1903	69	18 Aug.
Draught and chess board	J. Collins	18495	26 Sept. ..	..	..
Draught-increaser for furnace	W. H. Atkin	17214	5 Nov., 1903	74	1 Sept.
Draught-preventer for door	F. J. Jones	18213	26 July ..	74	1 Sept.
Draught-regulator for grates, &c. ..	B. J. Mouat	18515	24 Sept. ..	..	..
Draught-regulator for register-grate ..	J. Hercus and W. McLennan	18198	18 July ..	69	18 Aug.
Drawers, Furniture-	G. S. Stevenson	18533	30 Sept. ..	..	..
Drawing table and easel	W. E. Spencer and J. Sanderson..	17911	14 May ..	66	4 Aug.
Draw-off tap for kerosene-tin	W. E. Hughes	16873	27 Aug., 1903	66	4 Aug.
Dray, Tip-cart and	P. and D. Duncan, Limited ..	18124	4 July ..	62	21 July.*
Dredge, Clay-remover for	G. S. Stevenson	18535	30 Sept. ..	83	13 Oct.*
Dredge. (See also Bucket-dredge, Gold-dredge.)					
Dredging and excavating machinery ..	H. Quertier	18306	11 Aug. ..	74	1 Sept.*
Dredging machinery, Suction	F. Casey and E. W. Hubbard ..	18463	20 Sept. ..	80	29 Sept.*
Drill. (See Dentist's-drill, Diamond-drill, Fertiliser-drill, Grain-drill, Rock-drill.)					
Driving and riding coat	E. M. Perdriau	17161	24 Oct., 1903	69	18 Aug.
Driving mechanism of fertiliser-distributor	J. F. McNeil	18242	28 July ..	77	15 Sept.
Dropper. (See Fencing-dropper.)					
Drying blood	A. and F. J. Nathan and J. A. Merrett	18106	1 July ..	66	4 Aug.*
Drying blood, &c.	A. and F. J. Nathan and J. A. Merrett	18261	2 Aug. ..	69	18 Aug.*
Drying-frame for shrinkable clothing ..	T. C. Stewart	18171	13 July ..	66	4 Aug.*
Drying granular materials	M. Weinrich	18415	7 Sept. ..	83	13 Oct.
Drying timber, Kiln for	F. J. Jones	17285	28 Nov., 1903	74	1 Sept.
Dust-excluder for door	F. J. Jones	18213	26 July ..	74	1 Sept.
Dynamo	Electric and Train Lighting Syndicate, Limited	17951	25 May ..	66	4 Aug.
Easel and drawing table	W. E. Spencer and J. Sanderson..	17911	14 May ..	66	4 Aug.
Egg-carrier	J. G. Dawson	18382	27 Aug. ..	77	15 Sept.*
Egg-preserving cabinet	A. M. McDonald	18398	3 Sept. ..	80	29 Sept.*
Eggs, Indicator for timing the cooking of eggs, &c.	J. Claussen	18445	14 Sept. ..	80	29 Sept.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Electric arc-lamp	H. Becke	18512	28 Sept. ..	..	..
Electric arc-lamp regulator	J. C. P. Kirkwood	18377	29 Aug. ..	77	15 Sept.*
Electric-belt	H. Dowling and E. D. J. Balfour ..	18483	22 Sept. ..	..	..
Electric current, Killing birds by ..	H. Wilson	18497	26 Sept. ..	83	13 Oct.*
Electric-generator, Voltage-controller for ..	Electric and Train Lighting Syndicate, Limited	17953	25 May ..	66	4 Aug.
Electric-machine, Brush-holder for ..	Electric and Train Lighting Syndicate, Limited	17952	25 May ..	66	4 Aug.
Electric-motor controller	J. T. Hunter	18290	9 Aug. ..	77	15 Sept.
Electrical cash-check	E. Guess	18325	17 Aug. ..	80	29 Sept.
Electrical device for destroying slugs ..	G. Foster	17307	25 Nov., 1903	74	1 Sept.
Electrically-propelled vehicle	J. S. Raworth	18376	20 Aug. ..	80	29 Sept.
Elevator, Gravel	T. Samuel	18403	5 Sept. ..	77	15 Sept.*
Elevator, Safety-appliance for shafts of ..	W. P. Conolly	18511	29 Sept. ..	..	..
Engine. (See Oil-engine, Rotary-engine, Steam-engine.)					
Envelope	D. Robertson	18518	24 Sept. ..	83	13 Oct.*
Envelope-opener	H. Mowlem	18207	9 Aug. ..	77	15 Sept.*
Excavating machinery	H. Quertier	18306	11 Aug. ..	74	1 Sept.*
Exhibitor. (See Advertising exhibitor.)					
Extinguisher. (See Gaslight-extinguisher, Oil-lamp extinguisher.)					
Fastener. (See Basket-lid fastener, Button-fastener, Machine-belt fastener, Window-fastener.)					
Fastening. (See Animal-cover fastening, Bridle-fastening.)					
Fatty wood, Treating for production of paper-pulp, &c. ..	W. Hoskins	18500	28 Sept. ..	..	..
Feed, Chain-drive manure-	J. Macalister	17116	15 Oct., 1903	69	18 Aug.
Feed-trough	J. Scoon	18264	3 Aug. ..	74	1 Sept.
Feeder. (See Ore-feeder.)					
Feeding-attachment for chaff-cutter ..	C. Murnane	18387	1 Sept. ..	77	15 Sept.*
Feeding-funnel	H. Jerges and A. Joyce	17873	2 May ..	66	4 Aug.*
Fencing-post	R. Thomas and G. Hall	18331	15 Aug. ..	..	..
Fencing-standard	G. W. Basley	18139	5 July ..	66	4 Aug.
Fencing-standard	W. E. Chamberlain	18316	15 Aug. ..	74	1 Sept.*
Fencing standard or dropper	C. E. H. Allen	18373	25 Aug. ..	83	13 Oct.
Fender, Car	S. White	18342	15 Aug. ..	74	1 Sept.*
Fermentation of liquids	G. Johnson and P. R. Hare	17795	4 May, 1903†	69	18 Aug.
Fertiliser-distributor	J. F. McNeil	18242	28 July ..	77	15 Sept.
Fertiliser-drill, Conductor for	J. Gray	18427	3 Sept. ..	80	29 Sept.*
Fertiliser-press	A. Crook	18266	1 Aug. ..	69	18 Aug.*
Fibre. (See Flax.)					
Filaments, Manufacture of	W. R. Whitney	18503	28 Sept. ..	..	..
File. (See Letter-file, Newspaper-file.)					
Filling. (See Bottle-filling, Match-box filling.)					
Filter	G. A. Abbott	18393	1 Sept. ..	77	15 Sept.*
Filter for feed-water of steam-boiler ..	F. G. Shury	18154	25 May ..	66	4 Aug.
Filtering granular materials	M. Weinrich	18415	7 Sept. ..	83	13 Oct.
Filtering liquids or solutions	F. C. Brown	18349	17 Aug. ..	74	1 Sept.*
Fire-alarm	E. H. Kirkby	18476	22 Sept. ..	83	13 Oct.*
Fire-alarm bells, Actuating	T. F. Dowling	17134	22 Oct., 1903	69	18 Aug.
Fire and hearth screen	C. E. E. Smith and G. B. Hutton ..	18187	18 July ..	..	..
Fire-lighter	P. E. Thompson	18440	9 Sept. ..	83	13 Oct.*
Fire-resisting building-material	H. C. Field	18431	8 Sept. ..	80	29 Sept.*
Fire-tongs	F. W. Grocke	18305	11 Aug. ..	74	1 Sept.*
Fish-hook	K. Boyd	18288	4 Aug. ..	74	1 Sept.*
Flap-laying machine, Channel	J. B. Hadaway	17315	2 Dec., 1903	74	1 Sept.
Flashlight apparatus	H. Quertier and C. C. Armstrong ..	18257	1 Aug. ..	69	18 Aug.*
Flashlight-powder	C. C. Armstrong and H. Quertier ..	18258	1 Aug. ..	69	18 Aug.*
Flax-dressing apparatus	F. Henry	18383	31 Aug. ..	77	15 Sept.*
Flax-fibre, Catching as it comes from stripper ..	A. I. Jones	18162	16 July ..	66	4 Aug.*
Flax-scutcher	A. R. Ayson	18248	30 July ..	69	18 Aug.*
Flax-scutcher	J. Geddes	18335	19 Aug. ..	74	1 Sept.*
Flax-stripper	A. R. Ayson	18202	22 July ..	69	18 Aug.*
Flax-stripper	A. Anderson	18321	13 Aug. ..	77	15 Sept.*
Flax-stripper	W., J., and W. Fairweather	18353	20 Aug. ..	80	29 Sept.*
Flax-washing machine	R. McEwan	18417	7 Sept. ..	77	15 Sept.*
Flooring and lining cramp	A. G. Sampson	18317	15 Aug. ..	74	1 Sept.*
Flooring for bridges, buildings, &c. ..	T. Timmins and R. Taylor	18401	31 Aug. ..	77	15 Sept.*
Floors, Appliance for cramping	J. A. Nikander	18283	3 Aug. ..	69	18 Aug.*
Floors, Spreading polish on	J. Stewart	18400	5 Sept. ..	77	15 Sept.*
Flush, Water-closet	R. Paladini	18473	22 Sept. ..	83	13 Oct.*
Forcing-pen	D. Clark	18121	1 July ..	66	4 Aug.
Frame. (See Drying-frame, Window-frame.)					
Franking apparatus, Coin-freed	E. Moss	18337	17 Aug. ..	74	1 Sept.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Free-wheel for cycles	E. Richardson	18368	25 Aug. ..	77	15 Sept.*
Fruit-gathering appliance	O. T. Madeley	18451	15 Sept. ..	80	29 Sept.*
Fruit, Sulphurising	C. E. Lowe	16996	18 Sept., 1903	66	4 Aug.
Fruit-trees, Killing parasites on ..	R. Whiley	18208	25 July ..	69	18 Aug.*
Fruit-trees, Pruning-tool for ..	O. T. Madeley	18477	22 Sept. ..	83	13 Oct.*
Frying, Stove-protector for use in ..	W. F. Rankin	18163	16 July ..	69	18 Aug.*
Fuel, Combustion of, in boilers ..	C. E. Bernays	18293	9 Aug. ..	77	15 Sept.
Fuel-economiser and smoke-preventer ..	A. L. Applegarth	17108	13 Oct., 1903	69	18 Aug.
Funnel, Feeding-	H. Jerger and A. Joyce	17873	2 May ..	66	4 Aug.*
Furnace	W. H. Atkin	17214	5 Nov., 1903	74	1 Sept.
Furnace, Refuse-	G. and F. L. Watson	18230	28 July ..	77	1 Sept.
Furnaces, &c., Heating	F. J. Shelton	17308	28 Nov., 1903	74	15 Sept.
Furniture-drawers	G. S. Stevenson	18533	30 Sept. ..	..	..
Game	J. H. Rowland	18492	24 Sept. ..	..	..
Game of bridge, Marker for	D. H. Morrison	18292	9 Aug. ..	77	15 Sept.
Game, Parlour-	I. Williams	18180	19 July ..	74	1 Sept.*
Garment-suspender	W. Sneddon	18260	2 Aug. ..	69	18 Aug.*
Gas. (See Acetylene gas, Carbonic-acid gas, Combustible gas, Incandescent gas, Producer and water gas.)					
Gas-burner for lighting or heating, Incandescent	I. Shoob	18287	9 Aug. ..	77	15 Sept.
Gas-burner, Regulator for extinguishing and relighting	O. M. J. Olsen and W. Gates ..	18391	1 Sept. ..	83	13 Oct.
Gas-burner, Utilising waste-heat from ..	J. Watt	18221	27 July ..	69	18 Aug.*
Gas-burner, Welsbach incandescent ..	J. Hickman	18119	5 July ..	69	18 Aug.*
Gas-fire ball-heater	J. Watt	18414	6 Sept. ..	83	13 Oct.*
Gas-light extinguisher	M. W. Haenke	18114	4 July ..	66	4 Aug.
Gas, Low-pressure inflammable	A. A. Stephenson	18181	19 July ..	69	18 Aug.*
Gas-producer	J. G. Nash	18273	4 Aug. ..	77	15 Sept.
Gas-stove	J. J. Strain	18222	25 July ..	74	1 Sept.
Gas-stove	J. J. Strain	18296	9 Aug. ..	74	1 Sept.
Gas used for destroying rabbits ..	T. Ward, G. S. Sanders, and J. E. Ridgway	18509	28 Sept. ..	83	13 Oct.*
Gate	J. F. McNeill	18369	25 Aug. ..	80	29 Sept.
Gate-latch	G. E. C. F. Sander	18192	21 July ..	..	..
Gate-post falls	J. H. Smith	18469	22 Sept. ..	..	..
Gauge. (See Water-gauge, Wind-gauge.)					
Generator. (See Acetylene-gas generator, Combustible-gas generator, Electric generator.)					
Girder, Lattice or truss	F. Visintini	18127	6 July ..	66	4 Aug.
Glove for laundry purposes	C. H. Schultz	18332	15 Aug. ..	77	15 Sept.*
Gold-dredge screen	A. Morrison	18135	7 July ..	66	4 Aug.
Gold, &c., Recovering, from slimes ..	A. Clark and J. Storer	18457	14 Sept. ..	80	29 Sept.*
Gold from ores, Extracting	Worsey-Hoal Gold Extracting Syndicate, Limited	18225	28 July ..	69	18 Aug.
Gold from ores, Extracting	O. L. Olden and P. V. Barnard ..	17810	21 April ..	74	1 Sept.
Gold-saving apparatus	W. Beamish	18168	13 July ..	66	4 Aug.*
Gold-saving apparatus	M. Ryan	18434	9 Sept. ..	80	29 Sept.*
Grain-dressing appliance	R. H. Binney	18355	23 Aug. ..	77	15 Sept.*
Grain-drill distributor	American Seeding-machine Company	18204	20 July ..	83	13 Oct.
Grain-drill, Removing clay from hoes of ..	P. Nunn	18297	11 Aug. ..	69	18 Aug.*
Gramophone sound-box, Supplying needles to	H. M. and A. C. Dennes	18438	12 Sept. ..	80	29 Sept.*
Granular materials, Filtering and drying	M. Weinrich	18415	7 Sept. ..	83	13 Oct.
Grate, Draught-regulator for	B. J. Mouat	18515	24 Sept. ..	..	..
Grate, Draught-regulator for register- ..	J. Hercus and W. McLennan ..	18198	18 July ..	69	18 Aug.
Gravel or sand elevator, Auriferous ..	T. Samuel	18403	5 Sept. ..	77	15 Sept.*
Greenhouses, &c., Sash-bar for	A. P. Westbury and F. Lee ..	18262	3 Aug. ..	69	18 Aug.*
Gripper. (See Lever-gripper.)					
Groin. (See River and sea groin.)					
Grubbing and hilling-up tool	C. V. Johanson	18138	7 July ..	66	4 Aug.*
Guard. (See Sink-guard.)					
Gum. (See Kauri-gum.)					
Hair-curler	J. Allen	18372	25 Aug. ..	80	29 Sept.
Hair-pin	C. D. Brent	16986	11 Sept., 1903	59	7 July.
Hand-power jack	J. H. C. Hall	18343	17 Aug. ..	74	1 Sept.*
Hand-truck, Elevating	D. H. K. McGuinness	18475	22 Sept. ..	83	13 Oct.*
Handle and lid-opener for billy	M. Aldis	18247	26 July ..	69	18 Aug.*
Handle-bar of cycle	W. Gray	18116	5 July ..	66	4 Aug.
Handle to bucket, Clinch for fixing ..	A. O. and W. J. Grundy	18441	13 Sept. ..	83	13 Oct.*
Hanger. (See Combination hanger, Sash-hanger.)					
Harness saddle	E. Edwards	17093	9 Oct., 1903	66	4 Aug.
Harness, Shaft-tug for	J. Theobald	18458	17 Sept. ..	80	29 Sept.*
Hat or cap	G. H. Colegrove and H. Corrick ..	18141	9 July ..	66	4 Aug.
Hay-press, Operating	T. H. and E. K. Dodge	18123	4 July ..	62	21 July.*
Heat from oil-lamp, Utilising waste-	J. Watt	18221	27 July ..	69	18 Aug.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Heater, Gas-fire ball-	J. Watt	18414	6 Sept. ..	83	13 Oct.*
Heating and motive power	A. A. Stephenson	18181	19 July ..	69	18 Aug.*
Heating-apparatus	F. F. C. Huddleston	18203	23 July ..	69	18 Aug.*
Heating kitchen-range, &c.	F. J. Shelton	17308	28 Nov., 1903	77	15 Sept.
Heel-compressing machine, Mould for ..	United Shoe Machinery Company	18298	11 Aug. ..	69	18 Aug.*
Heel-compressing machine, Mould for ..	United Shoe Machinery Company	18299	11 Aug. ..	69	18 Aug.*
Heel-compressing machine, Mould for ..	United Shoe Machinery Company	18300	11 Aug. ..	74	1 Sept.*
Heel. (See Rubber heel.)					
Heels and soles, Elastic attachment for ..	T. Burrell	18395	1 Sept. ..	83	13 Oct.
Hilling machine, Potato planting and ..	C. Johanson	18513	27 Sept. ..	..	..
Holder for toasting bread	R. E. Smallbone	18254	1 Aug. ..	77	15 Sept.
Holder. (See Brush-holder, Candle-holder, Door-holder, Playing-card holder, Thread-holder, Window-sash holder.)					
Hook for reins, traces, &c.	A. Reid	18409	6 Sept. ..	77	15 Sept.*
Hook. (See also Breeching-strap hook, Fish-hook.)					
Horse-collar, Pneumatic	J. M. Toft	18091	28 June ..	66	4 Aug.*
Horse. (See Racehorse.)					
Hose-coupling	H. Duffin	16897	1 Sept., 1903	62	21 July.
Hose-coupling	W. E. Hughes	16989	17 Sept., 1903	66	4 Aug.
Hose-coupling	J. Marks	17359	8 Dec., 1903	77	15 Sept.
Hull of ship, Stopping holes in	E. Smith	17010	18 Sept., 1903	59	7 July.
Hydraulic-power from waves, Obtaining	W. O'Brien, jun.	18160	15 July ..	69	18 Aug.*
Implement-pin, Self-locking	J. W. Borland	18185	21 July ..	69	18 Aug.*
Incandescent gas-burner	I. Shoob	18287	9 Aug. ..	77	15 Sept.
Incandescent gas-burner, Utilising waste-heat from	J. Watt	18221	27 July ..	69	18 Aug.*
Incandescent gas-burner, Welsbach ..	J. Hickman	18119	5 July ..	69	18 Aug.*
Incandescent mantle-support	The New Inverted Incandescent Gas Lamp Company, Limited	18326	17 Aug. ..	..	..
Incubator	W. Ponninghaus	18216	22 July ..	69	18 Aug.*
Indicating expiration of predetermined period of time	J. Claussen	18445	14 Sept. ..	80	29 Sept.*
Indicator for bridle for racehorse ..	T. B. O'Connor	18152	14 July ..	66	4 Aug.*
Indicator for land or sea, Position-indicator. (See also Car-indicator, Station-indicator, Train-indicator.)	H. S. Clark and R. Logan, jun. ..	18174	19 July ..	66	4 Aug.
Inhaler, Nasal	C. E. Lamont	18351	19 Aug. ..	77	15 Sept.*
Insulator. (See Piano-insulator.)					
Iron and steel, Treating ore for manufacture of	M. Moore and T. J. Heskett ..	17425	30 Dec., 1903	77	15 Sept.
Iron building-material	F. G. Rickard	18472	22 Sept. ..	..	..
Iron-ore, Reducing pulverised	J. H. A. McPhee	18490	20 Sept. ..	..	..
Jack. (See Hand-power jack, Lever-jack, Wheel-jack.)					
Joints in pipes, Making union-	J. Christie	18532	30 Sept. ..	..	..
Kauri-gum, Device for catching	A. J. McPharlin	18182	20 July ..	69	18 Aug.
Kauri-gum, Method for digging	P. Lanigan	18318	13 Aug. ..	74	1 Sept.*
Kerosene-tin, Converting, into bucket ..	S. D. Currie	18142	9 July ..	66	4 Aug.*
Kerosene-tin, Draw-off tap for	W. E. Hughes	16873	27 Aug., 1903	66	4 Aug.
Kiln for drying timber	F. J. Jones	17285	28 Nov., 1903	74	1 Sept.
Knife-cleaner	W. C. Wall and J. T. Toohey ..	17690	23 March ..	69	18 Aug.
Knife-cleaner	F. V. Raymond	18140	5 July ..	66	4 Aug.*
Label and case, Luggage	A. E. Williams	18482	22 Sept. ..	..	..
Label attaching machine, Gummed- ..	J. J. McDade	18386	1 Sept. ..	83	13 Oct.
Ladder-attachment	F. W. Stokoe	18345	20 Aug. ..	80	29 Sept.
Lamb's-tail cutter	W. J. Standen	17322	2 Dec., 1903	80	29 Sept.
Lamp. (See Electric arc-lamp, Oil-lamp.)					
Latch, Gate-	G. E. C. F. Sander	18192	21 July ..	..	..
Lattice or truss girder	F. Visintini	18127	6 July ..	66	4 Aug.
Launching ship's boats	W. S. Rigby	18153	14 July ..	66	4 Aug.*
Laundry-glove	C. H. Schultz	18332	15 Aug. ..	77	15 Sept.*
Lead and zinc, Extraction of	A. H. Imbert	18112	30 June ..	66	4 Aug.
Leaks in metal vessels, Repairing ..	A. Hull	17252	17 Nov., 1903	77	15 Sept.
Leather, Rendering, waterproof	S. Nicolson	18514	28 Sept. ..	83	13 Oct.*
Leather strips to tires, Attaching ..	S. Nicolson	18197	19 July ..	69	18 Aug.*
Leg-roping cows	A. C. McNeill	18276	4 Aug. ..	69	18 Aug.*
Leg-roping cows	F. J. Ellery	17203	5 Nov., 1903	74	1 Sept.
Letter-file	J. Wilson	18125	4 July ..	62	21 July.*
Letters, Coin freed apparatus for franking	E. Moss	18337	17 Aug. ..	74	1 Sept.*
Letters, Press-copying	L. Banks	18280	5 Aug. ..	74	1 Sept.
Lever-gripper for ore-feeder	C. F. Strauss	18131	7 July ..	66	4 Aug.
Lever-jack for clearing land	B. and W. Trewhella	18435	6 Sept. ..	80	29 Sept.*
Lid. (See Basket-lid.)					
Lid-opener and handle for billy	M. Aldis	18247	26 July ..	69	18 Aug.*
Lidded receptacle	E. W. H. Dyer	18309	8 Aug. ..	74	1 Sept.*
Lighter. (See Fire-lighter.)					
Lighting and extinguishing gas-lights ..	M. W. Haenke	18114	4 July ..	66	4 Aug.
Lining and flooring cramp	A. G. Sampson	18317	15 Aug. ..	74	1 Sept.*
Liquid, Withdrawing from siphon predetermined amount of	E. Taylor	18447	15 Sept. ..	80	29 Sept.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Liquid-strainer	A. J. Hosier, A. Whatley, and W. Kelly	18128	6 July ..	..	..
Liquids, Fermentation of	G. Johnson and P. R. Hare ..	17795	4 May, 1903†	69	18 Aug.
Liquids from barrels, Drawing	J. Bennett and J. Friezer ..	18272	4 Aug. ..	69	18 Aug.*
Liquids or solutions, Filtering	F. C. Brown	18349	17 Aug. ..	74	1 Sept.*
Liquids, Separating solid matter from	M. Torrente	18450	15 Sept. ..	80	29 Sept.*
Lithography, Photo-	A. Stephan and R. Sands ..	18333	18 Aug. ..	77	15 Sept.
Loading gravel into trucks	R. A. Wilson	16895	1 Sept., 1903	69	18 Aug.
Loading-machine	The Hamilton Manufacturing Company	18302	11 Aug. ..	77	15 Sept.
Loading machine, Ore-	T. M. Park	18323	17 Aug. ..	80	29 Sept.
Lock. (See Door-lock, Safe-lock, Sash-lock, Window-sash lock.)					
Locomotive-car puller	The Hamilton Manufacturing Company	18301	11 Aug. ..	77	15 Sept.
Log-hauling pulley-block	A. W. Collett and C. B. and E. M. Edkins	18148	12 July ..	62	21 July.*
Lubricator for idle pinions	E. H. Nankivell	17335	3 Dec., 1903	80	29 Sept.
Luggage label and case	A. E. Williams	18482	22 Sept. ..	..	..
Machine-belt fastener	N. Rasmussen	18356	23 Aug. ..	77	15 Sept. *
Mailing-wrapper for photographs, &c.	G. S. Jones	17847	26 April ..	69	18 Aug.*
Mangold, &c., sower	J. Gray	18496	26 Sept. ..	83	13 Oct.*
Mantle. (See Incandescent mantle.)					
Manure-feed, Chain-drive	J. Macalister	17116	15 Oct., 1903	69	18 Aug.
Marker for game of bridge	D. H. Morrison	18292	9 Aug. ..	77	15 Sept.
Marking or branding stamp	A. McLeod	18315	11 Aug. ..	74	1 Sept.*
Match-box filling-machine	Bryant and May, Limited	18235	28 July ..	74	1 Sept.
Match, Double-headed	A. McArtney	18239	22 July ..	69	18 Aug.*
Match-striker for pipe, &c.	S. W. Jameson	18471	20 Sept. ..	83	13 Oct.*
Material, Dividing, into equal portions	R. Wales	18177	15 July ..	69	18 Aug.*
Material, Dividing, into equal portions	R. Wales	18178	15 July ..	69	18 Aug.*
Material, Dividing, into equal portions	R. Wales	18194	18 July ..	69	18 Aug.*
Material, Packaging, in predetermined portions	R. Wales	18244	26 July ..	69	18 Aug.*
Mattress. (See Wire-mattress.)					
Meat, Process for preserving	J. Craveri	18322	17 Aug. ..	..	..
Metal vessel, Repairing leaks in	A. Hull	17252	17 Nov., 1903	77	15 Sept.
Metals, Extracting, from their sulphides	A. H. Imbert	18112	30 June ..	66	4 Aug.
Metals, Recovering, from acid solutions	A. Gutensohn	18232	28 July ..	69	18 Aug.*
Milk-cooler	W. H. Spiller	18291	9 Aug. ..	69	18 Aug.*
Milk, &c., Drying	A. and F. J. Nathan, and J. A. Merrett	18261	2 Aug. ..	69	18 Aug.*
Milk, Separating impurities from	A. A. Turner, and J. J. Gleeson ..	18404	5 Sept. ..	77	15 Sept.*
Milk-strainer	R. E. James	18536	2 Aug. ..	83	13 Oct.
Milking-apparatus	J. Hartnett and D. M. Robison ..	18303	11 Aug. ..	..	..
Milking-machinery	G. Hutchinson	18165	16 July ..	66	4 Aug.*
Milking-machine	A. Kilborn	18324	17 Aug. ..	77	15 Sept.*
Mining-machine	W. E. Hamilton	18504	28 Sept. ..	..	..
Mitre-cutter	R. Wales	18311	9 Aug. ..	74	1 Sept.*
Mitre-cutter	J. H. Hickman	18375	26 Aug. ..	77	15 Sept.*
Motion, Transmission of	L. Buck	18327	17 Aug. ..	80	29 Sept.
Motor. (See Electric motor.)					
Motor-car, Dirt-screen for	W. H. Payne	18259	2 Aug. ..	69	18 Aug.
Mould for building-block	J. A. Ferguson	18419	7 Sept. ..	83	13 Oct.
Mould for heel-compressing machine	United Shoe Machinery Company	18298	11 Aug. ..	69	18 Aug.*
Mould for heel-compressing machine	United Shoe Machinery Company	18299	11 Aug. ..	69	18 Aug.*
Mould for heel-compressing machine	United Shoe Machinery Company	18300	11 Aug. ..	74	1 Sept.*
Moulding-machine, Twist	R. Cosslett	18433	5 Sept. ..	80	29 Sept.*
Moulding-machine, Pipe	P. Campbell	18529	27 Sept. ..	..	..
Mounting for rotary-scraper on agricultural implements	A. E. Watson	17216	6 Nov. 1903	69	18 Aug.
Mouth-piece for cigarette, &c... ..	Standard Mouth-piece Machine Company	18418	7 Sept. ..	83	13 Oct.
Muller and amalgamator	W. G. Rifenburg	18271	4 Aug. ..	77	15 Sept.
Nail	J. S. Nicholson	18439	8 Sept. ..	83	13 Oct.*
Nailing-machine, Loose	United Shoe Machinery Company	17380	17 Dec., 1903	80	29 Sept.
Nasal-inhaler	C. E. Lamont	18351	19 Aug. ..	77	15 Sept.*
Newspaper-binder	T. Foster and T. T. Paul ..	18206	21 July ..	69	18 Aug.*
Newspaper-file	A. Divine	17964	25 May ..	66	4 Aug.
Newspaper-file	J. Wilson	18125	4 July ..	62	21 July.*
Nib-ejecting device	V. Perniskie	18120	2 July ..	66	4 Aug.
Non-freezable tap	S. Nicolson	18144	11 July ..	62	21 July.*
Non-freezing tap	S. Nicolson	18196	19 July ..	69	18 Aug.*
Nose-bag	P. McIlvride	18455	15 Sept. ..	80	29 Sept.*
Noxious weeds, Destroying	B. Gray	18319	13 Aug. ..	74	1 Sept.*
Nut-wrench	J. Adams	18084	22 June ..	66	4 Aug.
Oil and hot-air engine	T. N. Brocas	18378	27 Aug. ..	77	15 Sept.*
Oil-engine	F. J. Maindonald	18313	12 Aug. ..	74	1 Sept.*
Oil-lamp extinguisher	T. W. Butcher and H. S. Rose ..	18126	4 July ..	62	21 July.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Oil-lamp, Utilising waste-heat from ..	J. Watt	18221	27 July ..	69	18 Aug.*
Oil, Treating shale-	A. Adiassewich	17695	22 March ..	59	7 July.
Oiling pulleys on moving shaft- ..	E. H. Nankivell	17335	3 Dec., 1903	80	29 Sept.
Oils, Refining-	T. Macalpine	18233	28 July ..	69	18 Aug.*
Opener. (See Envelope-opener, Lid-opener.)					
Ore-feeder, Lever-gripper for	C. F. Strauss	18131	7 July ..	66	4 Aug.
Ore-feeder, Ratchet for	T. French	18365	25 Aug. ..	80	29 Sept.*
Ore-loading Machine	T. M. Park	18323	17 Aug. ..	80	29 Sept.
Ore, Treating ferruginous	M. Moore and T. J. Heskett ..	17425	30 Dec., 1903	77	15 Sept.
Ores, Extracting gold from	O. L. Olden and P. V. Barnard ..	17810	21 April ..	74	1 Sept.
Ores, Extracting gold from	Worsey-Hoal Gold Extracting Syndicate, Limited	18225	28 July ..	69	18 Aug.
Ores, Filtering slimes produced in wet treatment of	F. C. Brown	18349	17 Aug. ..	74	1 Sept.*
Ores, Reducing pulverised iron- ..	J. H. A. McPhee	18490	20 Sept. ..	..	..
Ores, Separating	A. J. F. de Bavay	18226	28 July ..	69	18 Aug.*
Ores, Separating	A. J. F. de Bavay	18227	28 July ..	69	18 Aug.*
Ores, Separating zinc-blende	A. J. F. de Bavay	18228	28 July ..	69	18 Aug.*
Oven, Baker's	M. Richard and W. Scott ..	18531	29 Sept. ..	..	..
Overcoat. (See Riding and driving over- coat.)					
Packeting material in predetermined por- tions	R. Wales	18244	26 July ..	69	18 Aug.*
Paint	A. J. Fisher	18256	1 Aug. ..	80	29 Sept.
Paper-clip	D. W. Bodle	18446	14 Sept. ..	80	29 Sept.*
Paper-pulp, Treating fatty wood for pro- duction of	W. Hoskins	18500	28 Sept. ..	..	..
Paper-wrapper	E. C. Cachemaille	18410	6 Sept. ..	..	..
Parasite-killer	R. Whiley	18208	25 July ..	69	18 Aug.*
Parcel or package strap	H. Carter and R. T. Paterson ..	17198	30 Oct., 1903	74	1 Sept.
Parchment, Blind made of	J. W. Tattersfield	18360	22 Aug. ..	77	15 Sept.
Parlour-game	I. Williams	18180	19 July ..	74	1 Sept.*
Partitions for rooms, &c.	H. Gray and G. A. McLean ..	18389	1 Sept. ..	77	15 Sept.*
Pawl and ratchet mechanism	B. and W. Trehwella	18436	6 Sept. ..	80	29 Sept.*
Peeler, Potato-	E. F. B. Kenyon	18234	28 July ..	69	18 Aug.*
Peg, Clothes-	C. E. H. Allen	18374	25 Aug. ..	..	..
Pen, Forcing-	D. Clark	18121	1 July ..	66	4 Aug.
Photograph mailing-wrapper	G. S. Jones	17847	26 April ..	69	18 Aug.*
Photo-lithography, &c., Half-tone ..	A. Stephan and R. Sands ..	18333	18 Aug. ..	77	15 Sept.
Piano-insulator	St. G. T. W. Stewart and W. E. C. T. Miller	18217	22 July ..	69	18 Aug.*
Piggery	P. J. Devine	18308	8 Aug. ..	74	1 Sept.*
Pin. (See Hair-pin, Implement-pin.)					
Pins	F. Dovalosky	18402	29 Aug. ..	..	..
Pipe-coupling	H. Duffin	16897	1 Sept. 1903	62	21 July.
Pipe, Match-striker for	S. W. Jameson	18471	20 Sept. ..	83	13 Oct.*
Pipe-moulding machine	P. Campbell	18529	27 Sept. ..	..	..
Pipe-wrench	J. Adams and C. A. Cross ..	18530	27 Sept. ..	..	..
Pipes. (See also Drainpipe, Refrigerator- pipes, Sanitary pipes.)					
Pipes, Making union joints in	J. Christie	18532	30 Sept. ..	..	..
Piping, Manufacturing sheet-metal ..	T. C. Hement	17388	17 Dec., 1903	80	29 Sept.
Playing-card holder	P. C. Maxwell, A. A. Peart, and W. L. Wells	18281	3 Aug. ..	69	18 Aug.*
Plough-chains, Hook for	A. Reid	18409	6 Sept. ..	77	15 Sept.*
Plough, Cultivator-attachment to ..	H. S. McCully	18249	28 July ..	..	..
Plough. (See Drain-plough, Disc-plough.)					
Polish, Spreading, on floors	J. Stewart	18400	5 Sept. ..	77	15 Sept.*
Position-finder for land or sea	H. S. Clark and R. Logan, jun. ..	18174	19 July ..	66	4 Aug.
Post. (See Fencing-post, Gate-post.)					
Postal reply-cards	W. Goodman	18270	4 Aug. ..	77	15 Sept.
Postage-stamp affixer	J. Purkiss	18358	24 Aug. ..	77	15 Sept.*
Potato-digger	F. W. Lee	18184	21 July ..	69	18 Aug.*
Potato-peeler	E. F. B. Kenyon	18234	28 July ..	69	18 Aug.*
Potato-planter	C. Johanson	18513	27 Sept. ..	83	13 Oct.*
Power from waves, Obtaining	W. O'Brien, jun.	18160	15 July ..	69	18 Aug.*
Power-transmitter	L. Buck	18327	17 Aug. ..	80	29 Sept.
Preserving eggs by vapour, Cabinet for ..	A. M. McDonald	18398	3 Sept. ..	80	29 Sept.*
Preserving meat, Process for	J. Craveri	18322	17 Aug. ..	..	..
Preserving-tins, Securing covers of ..	The Christchurch Meat Company, Limited	18456	16 Sept. ..	..	..
Press	J. A. Ferguson	18420	7 Sept. ..	..	..
Press-copying letters	L. Banks	18280	5 Aug. ..	74	1 Sept.
Press. (See Cutting-out press, Fertiliser- press, Hay-press.)					
Producer. (See Gas-producer.)					
Producer and water gas	E. S. Baldwin and H. H. Rayward	17961	26 May ..	74	1 Sept.*
Propeller	P. G. Kelly	18250	28 July ..	69	18 Aug.*
Propeller-blade	T. Grundy	18175	16 July ..	66	4 Aug.*
Protector. (See Stove-protector.)					
Pruning-tool, Fruit-tree	O. T. Madeley	18477	22 Sept. ..	83	13 Oct.*
Puller. (See Car-puller, Turnip-puller.)					

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Pulley-block, Log-hauling	A. W. Collett and C. B. and E. M. Edkins	18148	12 July ..	62	21 July.*
Pulleys and pinions, Oiling	E. H. Nankivell	17335	3 Dec., 1903	80	29 Sept.
Pulleys, Turning and crowning speed- Pump	C. J. Waugh	18255	15 Aug. ..	69	18 Aug.*
Pump or suction dredging-machinery ..	A. E. and H. G. Bradley	18102	30 June ..	66	4 Aug.
Pump for pneumatic tires	F. Casey and E. W. Hubbard	18463	20 Sept. ..	80	29 Sept.*
Pump. (See Centrifugal-turbine pump.)	D. Rowe	18130	6 July ..	66	4 Aug.
Pump, Straining-vessel for	T. H. Ibbetson	18263	3 Aug. ..	74	1 Sept.
Pump, Valve for steam or air	J. Tagell	17208	5 Nov., 1903	69	18 Aug.
Rabbit-destruction, Apparatus and gas for	T. Ward, G. S. Sanders, and J. E. Ridgway	18509	28 Sept. ..	83	13 Oct.*
Racehorse, Indicator for bridle for ..	T. B. O'Connor	18152	14 July ..	66	4 Aug.*
Racehorse plate or shoe	J. Hair	17140	24 Oct., 1903	77	15 Sept.
Race-starter	A. Gray	18329	17 Aug. ..	74	1 Sept.*
Racing bridle and bit	T. B. O'Connor	18246	25 July ..	77	15 Sept.
Rails, Dressing surfaces of	M. Woods and T. J. Gilbert	18537	30 Sept. ..	..	..
Railway-brake, Applying from either side	F. W. Gasmier	18501	28 Sept. ..	..	..
Railway-car brake	W. J. Spruson	17846	27 April ..	69	18 Aug.
Railway coupling	G. T. Bates and P. S. O'Neill	18396	2 Sept. ..	77	15 Sept.*
Railway-traffic control system	Rowe's Patent Lock and Block, Limited	18274	4 Aug. ..	69	18 Aug.*
Rain-excluder for door	F. J. Jones	18213	26 July ..	74	1 Sept.
Rain-water, Intercepting and rejecting contaminated	J. S. Gunn	18381	31 Aug. ..	77	15 Sept.*
Ranges, &c., Heating	F. J. Shelton	17308	28 Nov., 1903	77	15 Sept.
Rat-trap	I. Edmond	18155	14 July ..	66	4 Aug.*
Ratchet-apparatus	T. H. Davidson and W. Hitchcock	18243	25 July ..	74	1 Sept.*
Ratchet for ore-feeder	T. French	18365	25 Aug. ..	80	29 Sept.*
Ratchet mechanism, Pawl and	B. and W. Trehwella	18436	6 Sept. ..	80	29 Sept.*
Reaper-and-binder	M. J. Tehan	18328	17 Aug. ..	80	29 Sept.
Reaper-and-binder tripping-attachment..	F. Colville	18245	26 July ..	69	18 Aug.*
Receipt and cheque form	W. Quin	18408	6 Sept. ..	80	29 Sept.*
Reclaiming land, Appliance for	F. R. Field	18312	12 Aug. ..	77	15 Sept.*
Refrigerator-pipes, Cleaning	R. S. Watson	17313	2 Dec., 1903	74	1 Sept.
Refuse-furnace	G. and F. L. Watson	18230	28 July ..	74	1 Sept.
Register-grate, Coal-saver and draught- regulator for	J. Hercus and W. McLennan	18198	18 July ..	69	18 Aug.
Regulator. (See Draught-regulator, Elec- tric arc-lamp regulator, Gas-burner regu- lator, Voltage-regulator.)					
Reins, Hook for	A. Reid	18400	6 Sept. ..	77	15 Sept.*
Ridging	T. C. Hement	18499	26 Sept. ..	83	13 Oct.*
Ridging, Forming O.G. spouting and ..	T. Rogers	18209	25 July ..	69	18 Aug.
Riding and driving coat or overcoat ..	E. M. Perdriau	17161	4 Oct., 1903	69	1 Aug.
Rifle	G. H. Cook	18161	16 July ..	66	4 Aug.*
Rifle, Adjusting wind-gauge, &c., on ..	G. B. H. Austin	18412	6 Sept. ..	83	13 Oct.*
Rifle, Vernier and traversing-bar for ..	G. B. H. Austin	18453	15 Sept. ..	..	..
Rifle, Wind-gauge for	J. A. Butler and G. S. Stevenson	18265	3 Aug. ..	69	18 Aug.*
Rifle-sights, Affixing spirit-level to travers- ing-frame of	G. B. H. Austin	18521	29 Sept. ..	..	..
Rings, &c., Manufacturing	A. Savary	18334	18 Aug. ..	74	1 Sept.*
River and sea groin	F. A. Tregelles	18240	26 July ..	69	18 Aug.*
River and sea groin, Building	F. A. Tregelles	18241	26 July ..	69	18 Aug.*
River-beds, Altering	F. R. Field	18312	12 Aug. ..	77	15 Sept.*
Road-making, Forming water-table in ..	W. E. Hughes	17019	24 Sept., 1903	59	7 July.
Road-wheel for vehicle	P. and D. Duncan, Limited	17257	16 Nov., 1903	80	29 Sept.
Rock-drill, Valve for	J. Tagell	17208	5 Nov., 1903	69	18 Aug.
Rocking cradles automatically	F. Soper	18164	16 July ..	69	18 Aug.*
Roofs, Weather-filling for corrugated-iron	J. G. L. Hewitt	17017	19 Sept., 1903	66	4 Aug.
Rooms, Partition for	H. Gray and G. A. McLean	18389	1 Sept. ..	77	15 Sept.*
Rotary-engine, ...	T. W. May	18191	19 July ..	69	18 Aug.*
Rotary-engine	A. J. Park	18294	6 Aug. ..	74	1 Sept.*
Rotary-scraper on agricultural imple- ments, Mounting for	A. E. Watson	17216	6 Nov., 1903	69	18 Aug.
Rowels to spurs, Securing	W. H. Connelly	18384	31 Aug. ..	77	15 Sept.*
Rowing-boat, Sliding-seat for	H. H. Bach	18149	12 July ..	62	21 July.*
Rowlock	J. A. Jaggers	17253	17 Nov., 1903	74	1 Sept.
Rubber heels, soles, and tips	E. C. Perdriau	18364	25 Aug. ..	77	15 Sept.*
Saddle	J. H. Love	18286	3 Aug. ..	69	18 Aug.*
Saddle. (See Cycle-saddle, Harness-saddle.)					
Saddle-tree, Riding and driving	R. A. C. Russell	18388	26 March† ..	77	15 Sept.*
Safe-lock	J. Shepherd	18424	5 Sept. ..	77	15 Sept.*
Sandal	S. Smith	18157	12 July ..	69	18 Aug.*
Sanitary pipes, Cement for jointing ..	W. Danks	18117	5 July ..	66	4 Aug.
Sanitary pipes, Glazing	L. Clark	17106	13 Oct., 1903	77	15 Sept.
Sash-balance	G. M. Scott	18310	9 Aug. ..	74	1 Sept.*
Sash-bar for greenhouses, &c.	A. P. Westbury and F. Lee	18262	3 Aug. ..	69	18 Aug.*
Sash hanger and lock	A. Curwood, J. Harrison, and E. A. Cameron	18348	17 Aug. ..	74	1 Sept.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Sash. (See also Window-sash.)					
Scouring-attachment for bucket-dredge ..	R. Andrew	17612	3 March ..	77	15 Sept.
Scraper for brush	H. Ward	18397	31 Aug. ..	..	..
Scraper. (See Rotary-scraper.)					
Screen. (See Dirt-screen, Fire and hearth screen, Gold-dredge screen, Wire-gauze screen.)					
Scutcher. (See Flax-scutcher.)					
Seal, Cork	G. S. Stevenson	18534	30 Sept. ..	..	..
Seat for vehicles, &c.	H. Leek	18285	3 Aug. ..	74	1 Sept.
Seat, Sliding-, for rowing-boat	H. H. Bach	18149	12 July ..	62	21 July.*
Seat, Vehicle-	A. G. Land	18465	20 Sept. ..	80	29 Sept.*
Seed-sower	J. H. Millar	16938	10 Sept., 1903	62	21 July.
Seed-sower	P. and D. Duncan, Limited ..	18282	4 Aug. ..	69	18 Aug.*
Seed-sower	J. Gray	18496	26 Sept. ..	83	13 Oct.*
Separator. (See Centrifugal separator, Cream-separator.)					
Sewing-machine	A. Lyell	18220	28 July ..	69	18 Aug.*
Sewing-machine, Thread holder and cutter for wax-thread	United Shoe Machinery Company	18392	1 Sept. ..	77	15 Sept.*
Shaft-tug	W. F. Harwood, and R. F. Way ..	18320	16 Aug. ..	74	1 Sept.*
Shaft-tug	J. Theobald	18458	17 Sept. ..	80	29 Sept.*
Shale-oil, Treating	A. Adiasewich	17695	22 March ..	59	7 July.
Shaving-brush	G. Koch	18478	22 Sept. ..	..	..
Sheet-metal piping, Manufacturing ..	T. C. Hement	17388	17 Dec., 1903	80	29 Sept.
Ship	S. E. E. Whitney	18344	16 Aug. ..	74	1 Sept.*
Ships, Anti-fouling composition for ..	J. B. Hannay	18036	15 June ..	62	21 July.
Ships'-boats, Launching	W. S. Rigby	18153	4 July ..	66	4 Aug.*
Ship's hull, Stopping holes under water in Shoe. (See Boot or Shoe, Racehorse-shoe.)	E. Smith	17010	18 Sept., 1903	50	7 July.
Shrinkable clothing, Drying-frame for ..	T. C. Stewart	18171	13 July ..	66	4 Aug.*
Signalling from exchange to totalisator ..	G. H. Wallace and W. H. Lowthen	18210	26 July ..	..	..
Sink-guard, Sanitary	E. M. Cuthbert	18460	16 Sept. ..	83	13 Oct.*
Siphon, Withdrawing predetermined amount of liquid from	E. Taylor	18447	15 Sept. ..	80	29 Sept.*
Skins, Measuring out and wringing ..	O. Gemeinhardt	18505	28 Sept. ..	..	..
Skins, Solution for removing wool from ..	W. G. Coker	18268	1 Sept. ..	77	15 Sept.*
Skylight, Ventilating-	H. Ward	18284	3 Aug. ..	74	1 Sept.
Slug-destroyer, Electrical	G. Foster	17307	25 Nov., 1903	74	1 Sept.
Smoke-preventer	C. E. E. Smith	18189	16 July ..	69	18 Aug.*
Smoke-preventer	H. P. Knutzen	18190	21 July ..	69	18 Aug.*
Smoke-preventer and fuel-economizer ..	A. L. Applegarth	17108	13 Oct., 1903	69	18 Aug.
Soldering ends of tins	G. W. Berry	18132	7 July ..	66	4 Aug.*
Soles and heels, Elastic attachment for ..	T. Burrell	18395	1 Sept. ..	83	13 Oct.
Soles of boots and shoes, Protecting ..	W. S. D. Schmidt	18494	22 Sept. ..	83	13 Oct.*
Solid matter from liquid, Separating ..	M. Torrente	18450	15 Sept. ..	80	29 Sept.*
Sound-box of gramophone, Supplying needles to	H. M. and A. C. Dennes ..	18438	12 Sept. ..	80	29 Sept.*
Sower. (See Mangold-sower, Seed-sower, Turnip and rape sower.)					
Sowing, Dressing grain prior to	R. H. Binney	18355	23 Aug. ..	77	15 Sept.*
Spirit-level, Fixing, to traversing frame of rifle-sights	G. B. H. Austin	18521	29 Sept. ..	..	..
Spouting and rigging, Forming O.G. ..	T. Rogers	18209	25 July ..	69	18 Aug.
Spurs	W. H. Connelly	18385	31 Aug. ..	77	15 Sept.*
Spurs, Securing rowels to	W. H. Connelly	18384	31 Aug. ..	77	15 Sept.*
Stamp-affixing appliance	J. Purkiss	18358	24 Aug. ..	77	15 Sept.*
Stamp-affixing machine	J. J. McDade	18386	1 Sept. ..	83	13 Oct.
Stamp-affixing machine, Coin-controlled ..	R. Wales	18170	13 July ..	66	4 Aug.*
Stamp (See Branding or marking stamp, Postage-stamp.)					
Stamping-machine, Coin-freed	E. Moss	18337	17 Aug. ..	74	1 Sept.*
Stand. (See Bicycle-stand, Boot or Shoe stand, Tripod-stand.)					
Standard. (See Fencing-standard.)					
Station-indicator	R. Whiley, jun.	18486	23 Sept. ..	83	13 Oct.*
Steam-boiler, Filter for feed-water of ..	F. G. Shury	18154	25 May ..	66	4 Aug.
Steam-boiler, Water-gauge for	J. Shepherd	18425	5 Sept. ..	77	15 Sept.*
Steam-engine, Valve for	J. Tagell	17208	5 Nov., 1903	69	18 Aug.
Steam-turbine	T. Falvey	18399	3 Sept. ..	77	15 Sept.*
Stop-cock	T. Richie	18524	28 Sept. ..	83	13 Oct.*
Stove-protector	W. F. Rankin	18163	16 July ..	69	18 Aug.*
Stove. (See Gas-stove.)					
Strainer. (See Liquid-strainer, Milk-strainer, Wire-strainer.)					
Straining-vessel for pump	T. H. Ibbetson	18263	3 Aug. ..	74	1 Sept.
Strap. (See Breeching-strap, Parcel or Package strap.)					
Street-paving, Laying wood-blocks for ..	E. Eagar	18394	1 Sept. ..	83	13 Oct.
Striker for pipe	S. W. Jameson	18471	20 Sept. ..	83	13 Oct.*
Stripper. (See Flax-stripper.)					
Stud. (See Collar-stud.)					

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Stumps, Cricket-	A. Bridge	18485	22 Sept. ..	..	..
Sulphurising fruit	C. E. Lowe	16996	18 Sept., 1903	66	4 Aug.
Sunken vessels, Raising	W. Cochrane	18277	4 Aug. ..	69	18 Aug.*
Suspender. (See Garment-suspender.)					
Table. (See Billiard-table, Dining and billiard table, Drawing-table.)					
Tail-grip for cattle	J. Robertson	16985	11 Sept., 1903	59	7 July.
Tailings, Recovering gold, &c., from ..	A. Clark and J. Storer ..	18457	14 Sept. ..	80	29 Sept.*
Tap. (See Draw-off tap, Non-freezing tap, Non-freezable tap.)					
Tap, High and low pressure	H. S. Woolcott	17263	18 Nov., 1903	66	4 Aug.
Tea-pot	H. G. Blackie	18442	13 Sept. ..	83	13 Oct.*
Temperature-alarm	The Leslie Walker Instantaneous Fire Detector and Fire Indicator Company, Limited	18231	28 July ..	74	1 Sept.
Tent	J. Stevenson	18527	30 Sept. ..	83	13 Oct.*
Therapeutic apparatus	A. P. Richmond	18214	26 July ..	74	1 Sept.
Thinner. (See Turnip-thinner.)					
Thread holder and cutter for wax-thread sewing-machine	United Shoe Machinery Company	18392	1 Sept. ..	77	15 Sept.*
Tides, Utilising flow of	J. Davies	18156	14 July ..	66	4 Aug.*
Timber-drying kiln	F. J. Jones	17285	28 Nov., 1903	74	1 Sept.
Tin canisters, Securing ends of	G. W. Berry and J. J. Sneesby ..	18480	22 Sept. ..	83	13 Oct.*
Tin. (See Kerosene-tin, Preserving-tin.)					
Tins, Soldering ends of	G. W. Berry	18132	7 July ..	66	4 Aug.*
Tip-cart	W. F. Harwood and R. F. Way ..	18320	16 Aug. ..	74	1 Sept.*
Tip cart and dray	P. and D. Duncan, Limited ..	18124	4 July ..	62	21 July.*
Tipping-wagon	A. S. Burgess	18437	12 Sept. ..	83	13 Oct.
Tire	P. Cody	18443	13 Sept. ..	83	13 Oct.*
Tire, Attaching gripper to	P. McDonald	18193	18 July ..	69	18 Aug.*
Tire, Attaching strips of leather to ..	S. Nicolson	18197	19 July ..	69	18 Aug.*
Tire for vehicle-wheel	J. Thomson	18136	4 July ..	66	4 Aug.*
Tire, Lining for	J. J. Daily	18336	18 Aug. ..	77	15 Sept.*
Tires, Metal-shield for wearing-part of ..	J. T. Meredith	18143	8 July ..	62	21 July.*
Tires, Pump for	D. Rowe	18130	6 July ..	66	4 Aug.
Toaster, Bread-	R. E. Smallbon	18254	1 Aug. ..	77	15 Sept.
Tongs. (See Fire-tongs.)					
Tool. (See Coal-cutter tool, Combination-tool, Grubbing and hilling-up tool, Pruning-tool.)					
Torpedo-boat	P. H. Shailer	18146	8 July ..	62	2 July.*
Torpedo-boat	S. E. E. Whitney	18344	16 Aug. ..	74	1 Sept.*
Totalisator	D. M. Robertson	16958	11 Sept., 1903	59	7 July.
Totalisator, Signalling from exchange to ..	G. H. Wallace and W. H. Lowthen	18210	26 July ..	..	..
Traces, Hook for	A. Reid	18409	6 Sept. ..	77	15 Sept.*
Traces, Clasp for spreaders on	J. Holms, jun.	18452	12 Sept. ..	80	29 Sept.*
Traffic control system, Railway- ..	Rowe's Patent Lock and Block, Limited	18274	4 Aug. ..	69	18 Aug.*
Train-indicator	J. W. Rooney, J. B. Meiklejohn, and C. L. Watt	18172	14 July ..	66	4 Aug.*
Tramway-truck brake	P. A. Blyth	18219	28 July ..	74	1 Sept.
Trap. (See Animal-trap, Bird-trap, Rat-trap.)					
Tree. (See Fruit-tree, Saddle-tree.)					
Trimming turnips, &c., Appliance for ..	E. G. D. McMaster	18339	19 Aug. ..	80	29 Sept.
Tripod-stand for camera	A. McLeod	18474	22 Sept. ..	83	13 Oct.*
Tripping-attachment for reaper-and-binder	F. Colville	18245	26 July ..	69	18 Aug.*
Trough	W. J. James	17241	16 Nov., 1903	74	1 Sept.
Trough. (See Feed-trough.)					
Truck. (See Hand-truck, Tramway-truck.)					
Trucks, Loading gravel into	R. A. Wilson	16895	1 Sept., 1903	69	18 Aug.
Tub, and clothes-carrier, Bath	W. Stevenson	18379	30 Aug. ..	80	29 Sept.
Turbine. (See Centrifugal turbine, Steam turbine.)					
Turnip-puller	R. L. Orbell	18341	18 Aug. ..	77	15 Sept.*
Turnip, rape, and mangold sower	C. Bristow	17028	26 Sept., 1903	69	18 Aug.
Turnip-thinner	A. Storrie	17280	23 Nov., 1903	77	15 Sept.
Turnip-thinner	J. Hereus, F. W. Barton, and W. Morton	18215	22 July ..	69	18 Aug.*
Turnip-trimmer	E. G. D. McMaster	18339	19 Aug. ..	80	29 Sept.
Turpentine, Treating fatty wood for production of	W. Hoskins	18500	28 Sept. ..	..	..
Typographic machine	E. Waters, jun.	17574	25 Feb. ..	62	21 July.
Twist-moulding machine	R. Cosslett	18433	5 Sept. ..	80	29 Sept.*
Valve for water-cistern	R. Garnham	18129	6 July ..	62	21 July.*
Valve, Oscillating cylindrical	J. Tagell	17208	5 Nov., 1903	69	18 Aug.
Vehicle, Adjustable body for two-wheeled	C. E. F. Hall and J. C. R. Price ..	18423	7 Sept. ..	83	13 Oct.
Vehicle brake, Road-	F. Mitchell	18275	4 Aug. ..	74	1 Sept.*
Vehicle, Cap for wheeled	C. Burridge and H. Brown ..	18113	4 July ..	66	4 Aug.*
Vehicle, Construction of bogie for	C. E. Bernays	18464	20 Sept. ..	..	..

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention	Name	Application.		Gazette.	
		No.	Date.	No.	Date.
Vehicle, Road wheel for	P. and D. Duncan, Limited ..	17257	16 Nov., 1903	80	29 Sept.
Vehicle-seat	A. G. Land	18465	20 Sept. ..	80	29 Sept.*
Vehicle-seat	H. Leek	18285	3 Aug. ..	74	1 Sept.
Vehicle-wheel	C. R. S. J. Hallé	18406	6 Sept. ..	83	13 Oct.
Vehicle wheel-spread controller ..	J. C. Hinton	18362	25 Aug. ..	80	29 Sept.
Vehicle-wheel, Tire for	J. Thomson	18136	4 July ..	66	4 Aug.*
Vehicle, Wheeled	S. G. Whitehouse	18429	2 Sept. ..	..	..
Vehicles, Control and propulsion of electrically propelled ..	J. S. Raworth	18376	20 Aug. ..	80	29 Sept.
Vending-machine	L. B. Horrocks	17303	27 Nov., 1903	80	29 Sept.
Venetian-blind, Lifting and bunching ..	P. Lanigan	18269	1 Aug. ..	69	18 Aug.*
Venetian-blind, Operating	J. D. Leach	17122	20 Oct., 1903	69	18 Aug.
Ventilating-window	J. H. Gay	17336	3 Dec., 1903	74	1 Sept.
Ventilator	N. Randell	18314	12 Aug. ..	..	..
Vernier and traversing-bar for rifle ..	G. B. H. Austin	18453	15 Sept. ..	..	..
Vessels, Raising sunken	W. Cochran	18277	4 Aug. ..	69	18 Aug.*
Voltage controller and regulator ..	J. P. Campbell	16865	27 Aug., 1903	59	7 July.
Voltage-controller for electric-generator ..	Electric and Train Lighting Syndicate, Limited ..	17953	25 May ..	66	4 Aug.
Wagon	J. Davies	18484	22 Sept. ..	83	13 Oct.*
Wagon	W. J. O'Hara	17172	27 Oct., 1903	77	15 Sept.
Wagon, Dumping and spreading ..	P. and D. Duncan, Limited ..	18042	14 June ..	80	29 Sept.
Wagon, Tipping-	A. S. Burgess	18437	12 Sept. ..	83	13 Oct.
Wall-sections for house-building ..	E. C. Mahony	18361	22 Aug. ..	80	29 Sept.
Walls and building-blocks	J. A. Ferguson	18421	7 Sept. ..	..	..
Walls, Building river and sea	F. A. Tregelles	18241	26 July ..	69	18 Aug.*
Washboard	J. Taylor	18430	8 Sept. ..	83	13 Oct.
Washboard	A. J. H. Lange	18491	22 Sept. ..	83	13 Oct.*
Washboard and rubber	R. B. Taylor and E. Ambrose ..	18236	28 July ..	69	18 Aug.*
Washing apparatus, Fibre-	R. McEwan	18417	7 Sept. ..	77	15 Sept.*
Washing-boiler	L. Frame	17278	19 Nov., 1903	69	18 Aug.
Washing-boiler	A. C. Wolff and A. Mutch ..	17634	8 March ..	66	4 Aug.
Washing-boiler	T. Crosland	18179	15 July ..	69	18 Aug.*
Washing-boiler cover, &c.	W. Stevenson	18379	30 Aug. ..	80	29 Sept.
Washing-machine	R. F. Marsh	17988	1 June ..	80	29 Sept.*
Water and producer gas	E. S. Baldwin and H. H. Rayward	17961	26 May ..	74	1 Sept.*
Water-cistern, Valve for	R. Garnham	18129	6 July ..	62	21 July.*
Water-closet flush	R. Paladini	18473	22 Sept. ..	83	13 Oct.*
Water-current, Utilising flow of ..	J. Davies	18156	14 July ..	66	4 Aug.*
Water-gauge for steam-boiler	J. Shephard	18425	5 Sept. ..	77	15 Sept.*
Water-table in road-making, Forming ..	W. E. Hughes	17019	24 Sept., 1903	59	7 July.
Waves, Obtaining power from	W. O'Brien, jun.	18160	15 July ..	69	18 Aug.*
Weather-filling for corrugated-iron roofs..	J. G. L. Hewitt	17017	19 Sept., 1903	66	4 Aug.
Weeds. (See Noxious weeds.) ..		..	..	..	..
Welsbach incandescent gas-burner ..	J. Hickman	18119	5 July ..	69	18 Aug.*
Welt-attaching apparatus	United Shoe Machinery Company	18363	25 Aug. ..	80	29 Sept.*
Wheel-jack	D. Dunn	18061	21 June ..	69	18 Aug.
Wheel. (See Free-wheel, Road-wheel, Vehicle-wheel.) ..		..	..	..	..
Wheeled vehicle, Cap for	C. Burridge and H. Brown ..	18113	4 July ..	66	4 Aug.*
Wheels, Turning and crowning	C. J. Waugh	18255	15 Aug. ..	69	18 Aug.*
Wind-gauge for rifles	J. A. Butler and G. S. Stevenson..	18265	3 Aug. ..	69	18 Aug.*
Wind-gauge on rifle, Adjusting ..	G. B. H. Austin	18412	6 Sept. ..	..	13 Oct.*
Wind-mill	J. O'Neil	18352	22 Aug. ..	77	15 Sept.*
Window-blind of parchment or paper ..	J. W. Tattersfield	18360	22 Aug. ..	77	15 Sept.
Window-fastener	B. O. Nuttall	18347	20 Aug. ..	..	..
Window-fastener	R. F. Way	18413	6 Sept. ..	83	13 Oct.*
Window-frame, Hanging and locking sashes in ..	A. Curwood, J. Harrison, and E. A. Cameron ..	18348	17 Aug. ..	74	1 Sept.*
Window-sash balance	A. G. Jackson	18062	16 June ..	66	4 Aug.*
Window-sash holder and suspender ..	A. S. Coronel	18183	21 July ..	69	18 Aug.*
Window-sash lock	J. Petrie	18115	4 July ..	66	4 Aug.
Window-sash lock and retainer	A. M. Bauckham	17217	10 Nov., 1903	77	15 Sept.
Window-sash, Removable	G. E. Humphries	18237	28 July ..	77	15 Sept.
Window, Ventilating-	J. H. Gay	17336	3 Dec., 1903	74	1 Sept.
Window-stop	C. Grimstone	18173	19 July ..	..	..
Wire cutter, twister, and winder ..	J. and T. R. Christie	17324	2 Dec., 1903	80	29 Sept.
Wire-gauze screen	J. M. Sibbit	18519	29 Sept. ..	..	..
Wire-mattress, Tightening	B. F. Dunn	18150	12 July ..	62	21 July.*
Wire-strainer	J. and T. R. Christie	17374	12 Dec., 1903	80	29 Sept.
Wire-woven mattress	T. J. A. Hicks and R. F. Way ..	18454	15 Sept. ..	..	..
Wood-blocks, Laying	E. Eagar	18394	1 Sept. ..	83	13 Oct.
Wood, fatty, Treating, for production of paper-pulp ..	W. Hoskins	18500	28 Sept. ..	83	13 Oct.*
Wool from skins, Solution for removing..	W. G. Coker	18268	1 Sept. ..	77	15 Sept.*
Wrapper	D. Robertson	18518	24 Sept. ..	83	13 Oct.*
Wrapper. (See also Mailing-wrapper, Paper-wrapper.) ..		..	..	..	..
Wrench. (See Nut-wrench, Pipe-wrench.) ..		..	..	..	..
Zinc and lead, Extracting	A. H. Imbert	18112	30 June ..	66	4 Aug.
Zinc-blende, Separating, from ores ..	A. J. F. de Bavay	18228	28 July ..	69	18 Aug.*

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER
ENDING 30TH SEPTEMBER, 1904.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Ainslie and Co., J.	Leith, Scotland ..	43	4254	24 June, 1903	74	1 Sept.
American Tobacco Company of N.Z., Limited, The	Wellington, N.Z. ..	45	4845	3 Aug. ..	69	18 Aug.
Andrews and Beaven. (See W. Andrews and A. W. Beaven.)						
Andrews, W., and another	Christchurch, N.Z. ..	7	4942	30 Sept. ..	83	13 Oct.
Arlidge, A. E.	Dunedin, N.Z. ..	13	4824	21 July ..	66	4 Aug.
Auslebrook and Co.	Christchurch, N.Z. ..	42	4896	2 Sept. ..	77	15 Sept.
Australian Eucalyptus Chemical Company	London, England ..	3	4925	20 Sept. ..	80	29 Sept.
Barclay, A. G. and another. ..	New York, U.S.A. ..	48	4847	4 Aug. ..	83	13 Oct.
Barclay, C. S., and another ..	New York, U.S.A. ..	48	4847	4 Aug. ..	83	13 Oct.
Barclay, Perkins, and Co., Limited ..	London, England ..	43	4480	14 Dec., 1903	59	7 July.
Barnard, A. W. A.	Dunedin, N.Z. ..	43	4844	2 Aug. ..	..	..
Barnard and Sons.	Dunedin, N.Z. ..	42	4817	14 July ..	..	..
Barnard and Sons. (See A. W. A. Barnard.)						
Barr, J.	Wellington, N.Z. ..	50	4749	6 June ..	74	1 Sept.
Bates, W. N.	Christchurch, N.Z. ..	50	4798	1 July ..	62	21 July.
Bates, Sise, and Co.	Dunedin, N.Z. ..	42	4898	1 Sept. ..	80	29 Sept.
Beale and Co., W. J. (See G. A. Creeth and Co.)						
Beattie, Lang, and Co.	Wellington, N.Z. ..	42	4825, 6	22 July ..	66	4 Aug.
Beaven, A. W., and another ..	Christchurch, N.Z. ..	7	4942	30 Sept. ..	83	13 Oct.
Behrens, C.	Havana, Cuba ..	45	4575	18 Feb. ..	69	18 Aug.
Benjamin and Co., D.	Dunedin, N.Z. ..	39	4833	27 July ..	69	18 Aug.
Bevan, G. A.	Auckland, N.Z. ..	39	4812	8 July ..	74	1 Sept.
Blackie, H. G.	Auckland, N.Z. ..	42	4911	13 Sept. ..	..	..
Blackie, H. G.	Auckland, N.Z. ..	42	4912	13 Sept. ..	80	29 Sept.
Bock and Co., P.	Auckland, N.Z. ..	3	4916	15 Sept. ..	80	29 Sept.
Bock, J. A.	Auckland, N.Z. ..	3	4937, 8	28 Sept. ..	..	..
Bock, J. A.	Auckland, N.Z. ..	3	4939	28 Sept. ..	83	13 Oct.
Bonnington, G.	Christchurch, N.Z. ..	50	4880, 1	23 Aug. ..	77	15 Sept.
Bonnington, G.	Christchurch, N.Z. ..	3	4882	23 Aug. ..	80	29 Sept.
Bourke, M. F.	Napier, N.Z. ..	47	4799, 4800	1 July ..	59	7 July.
Bourke, M. F.	Clive, N.Z. ..	47	4877	22 Aug. ..	77	15 Sept.
Brigham, J., and another ..	Manchester, England ..	3	4720	14 May ..	69	18 Aug.
British Columbia Packers Association. ..	Vancouver, B.C. ..	42	4941	29 Sept. ..	..	..
Brooke, C. M.	Christchurch, N.Z. ..	42	4834	27 July ..	66	4 Aug.
Brook and Bros., Limited, J. ..	Huddersfield, England ..	23	4900	7 Sept. ..	77	15 Sept.
Bryant, R. H.	Invercargill, N.Z. ..	42	4818	14 July ..	66	4 Aug.
Butterworth Bros.	Dunedin, N.Z. ..	38	4927	20 Sept. ..	..	..
Calorit Konservenerwärmung Ohne Feuer, G.m.b.H.	Berlin, Germany ..	42	4899	6 Sept. ..	77	15 Sept.
Carter, H. O.	Belleknowes, N.Z. ..	42	4923	16 Sept. ..	80	29 Sept.
Caselberg and Co., L.	Wellington, N.Z. ..	45	4895	2 Sept. ..	77	15 Sept.
Caselberg and Co., L.	Wellington, N.Z. ..	45	4924	19 Sept. ..	80	29 Sept.
Chance Bros. and Co., Limited ..	West Smethwick, Eng. ..	15	4934	28 Sept. ..	83	13 Oct.
Chipman, H. S.	Sydney, N.S.W. ..	6	4822	18 July ..	66	4 Aug.
Colonial Oil Company	Melbourne, Victoria ..	13	4861	12 Aug. ..	..	..
Cotton, F. H.	Christchurch, N.Z. ..	22	4917	14 Sept. ..	..	..
Coxon, A.	Marton, N.Z. ..	47	4805	2 July ..	62	21 July.
Coxon, A.	Marton, N.Z. ..	48	4819	15 July ..	62	21 July.
Craig, J. J.	Auckland, N.Z. ..	7	4802	1 July ..	59	7 July.
Crease, H. E.	Karangahake, N.Z. ..	3	4814	14 July ..	74	1 Sept.
Creeth, G. A.	Auckland, N.Z. ..	6	4889	30 Aug. ..	77	15 Sept.
Creeth and Co., G. A.	Auckland, N.Z. ..	6	4883	25 Aug. ..	80	29 Sept.
Crosby, F.	Auckland, N.Z. ..	50	4862	12 Aug. ..	69	18 Aug.
Dewar and Sons, Limited, J. ..	Perth, Scotland, and Sydney, N.S.W. ..	43	4856	9 Aug. ..	83	13 Oct.
Dickinson, C.	Dunedin, N.Z. ..	45	4887	29 Aug. ..	..	..
Dimock and Co., Limited, W. ..	Wellington, N.Z. ..	42	4930	22 Sept. ..	80	29 Sept.
Dudgeon and Arnell Proprietary, Limited	Melbourne, Victoria ..	45	4915	15 Sept. ..	80	29 Sept.
Federal Cycle Company. (See W. Isdale.)						
Fleming, Birkby, and Goodall, Limited	Halifax, England ..	25	4872	17 Aug. ..	74	1 Sept.
Gibson, W. A.	Melbourne, Victoria ..	42	4891	1 Sept. ..	..	..
Gibson, W. A.	Melbourne, Victoria ..	42	4892	1 Sept. ..	77	15 Sept.
Giesen, W. B., and another ..	Wanganui, N.Z. ..	42	4908	12 Sept. ..	80	29 Sept.
Goulet and Co., G.	Reims, France ..	43	4875	18 Aug. ..	74	1 Sept.
Hall and Co., Limited, J.	Christchurch, N.Z. ..	42	4801	1 July ..	62	21 July.
Hargreaves and Son, J.	Liverpool, England ..	47	4940	29 Sept. ..	..	..
Hibbert, M., and another ..	Manchester, England ..	3	4720	14 May ..	66	4 Aug.
Hibbert, W. (See J. Brigham and M. Hibbert.)						
Hill, T. C.	Christchurch, N.Z. ..	44	4913	13 Sept. ..	83	13 Oct.
Holbrooks Limited	Birmingham, England ..	42	4835	28 July ..	..	..

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Horlick's Food Company	Racine, U.S.A., and London, England ..	42	4593	2 March ..	69	18 Aug.
Horrockses, Crewdson, and Co., Limited	London and Manchester, England ..	24, 30	4885, 6	26 Aug. ..	74	1 Sept.
Horrockses, Crewdson, and Co., Limited	London and Manchester, England ..	24	4933	26 Sept. ..	..	..
Horton, E.	Blenheim, N.Z. ..	3	4931	22 Sept. ..	83	13 Oct.
Hunt, A. G. S.	Wellington, N.Z. ..	3	4852	9 Aug. ..	77	15 Sept.
Hunt and Co., A. G. S. (See A. G. S. Hunt.)						
Independent Starch Company	New York, U.S.A. ..	..	4873	17 Aug. ..	..	..
Isdale, W.	Oamaru, N.Z. ..	22	4944	30 Sept. ..	83	13 Oct.
Izard, W. A., and another.	Wanganui, N.Z. ..	42	4908	12 Sept. ..	80	29 Sept.
Jeffery and Co., T. B.	Kenosha, U.S.A. ..	22	4846	4 Aug. ..	..	..
Jones and Son, Limited, H. I. ..	Wanganui, N.Z. ..	39	4926	20 Sept. ..	..	..
Keith Ramsay and Co.	Dunedin, N.Z. ..	47	4897	5 Sept. ..	77	15 Sept.
Kemphthorne, Prosser, and Co.'s N.Z. Drug Company, Limited	Wellington, N.Z. ..	2, 42, 3	4920, 1, 2	16 Sept. ..	80	29 Sept.
Kennard, E. F.	Dunedin, N.Z. ..	22	4816	14 July ..	69	18 Aug.
King, J.	Ashhurst, N.Z. ..	47	4809	5 July ..	59	7 July.
Kirkcaldie and Stains, Limited ..	Wellington and Napier, N.Z. ..	28	4936	28 Sept. ..	83	13 Oct.
Korth, A. H.	Wellington, N.Z. ..	2	4829	23 July ..	66	4 Aug.
Leach, G.	Melbourne, Victoria ..	7	4837	28 July ..	69	18 Aug.
Leibner, A.	Melbourne, Victoria ..	42	4918	15 Sept. ..	80	29 Sept.
Lennon, F. J.	Rockhampton, Q. ..	3	4928	22 Sept. ..	..	..
Lever Bros., Limited	Balmain, N.S.W. ..	42	4914	15 Sept. ..	..	..
MacEwan and Co., J. B.	Wellington, N.Z. ..	42	4831	25 July ..	69	18 Aug.
Male, W.	Wellington, N.Z. ..	13	4932	24 Sept. ..	83	13 Oct.
Manning Bros.	Auckland, N.Z. ..	3	4853, 4	9 Aug. ..	69	18 Aug.
Marshall's Chemical Company, Limited ..	Dunedin, N.Z. ..	42	4810	6 July ..	62	21 July.
Maynard and Co.	Christchurch, N.Z. ..	44	4849	8 Aug. ..	69	18 Aug.
McArthur South Africa, Limited, W. & A.	Sydney, N.S.W. ..	42	4935	28 Sept. ..	..	..
Merfield, P. W.	Kew, Victoria ..	50	4858	11 Aug. ..	69	18 Aug.
Murdoch and Co.	Dunedin, N.Z. ..	3	4827	22 July ..	66	4 Aug.
Naehmaschinen Fabrik und Eisengieserei Vormal's Seidel and Naumann.	Dresden, Germany ..	6	4943	30 Sept. ..	..	..
Nathan and Co., J.	Wellington, N.Z. ..	42	4806	4 July ..	62	21 July.
National Mortgage and Agency Company of New Zealand, Limited	Invercargill, N.Z. ..	2	4850	8 Aug. ..	69	18 Aug.
Neill and Co., Limited	Dunedin, N.Z. ..	43	4867	16 Aug. ..	74	1 Sept.
Neuchatel Asphalte Company, Limited, The	Wellington, N.Z. ..	50	4874	18 Aug. ..	74	1 Sept.
New Zealand Dairy Association, Limited, The	Auckland, N.Z. ..	42	4808	4 July ..	59	7 July.
New Zealand Dairy Association, Limited, The	Auckland, N.Z. ..	42	4907	10 Sept. ..	80	29 Sept.
New Zealand Dairy Association, Limited, The	Auckland, N.Z. ..	42	4807	4 July ..	..	..
New Zealand Dip and Orchard Spraying Company, The. (See A. C. Wilson.)						
North British Rubber Company, Limited	Edinburgh, Scotland ..	38	4828	22 July ..	..	..
Parker, R. W.	Auckland, N.Z. ..	3	4823	21 July ..	66	4 Aug.
Paterson and Co., A. S.	Wellington, N.Z. ..	42	4842, 3	2 Aug. ..	69	18 Aug.
Paterson and Co., A. S.	Wellington, N.Z. ..	42	4879	23 Aug. ..	74	1 Sept.
Paterson and Co., A. S.	Wellington, N.Z. ..	42	4902, 3, 4	10 Sept. ..	77	15 Sept.
Paterson and Co., A. S.	Wellington, N.Z. ..	42	4890	1 Sept. ..	..	..
Paterson and Co., A. S.	Wellington, N.Z. ..	42	4909	12 Sept. ..	80	29 Sept.
Pearks' Stores of Africa, Limited ..	Johannesburg, S. Africa ..	42	4888	30 Aug. ..	..	..
Pearsall and Co., J.	London, England ..	30	4869, 70	17 Aug. ..	74	1 Sept.
Pearson and Rutter, Limited ..	Wellington, N.Z. ..	42	4838, 9	30 July ..	69	18 Aug.
Phoenix Company, Limited, The ..	Dunedin, N.Z. ..	42	4841	1 Aug. ..	69	18 Aug.
Pontnewydd Sheet and Galvanising Company, Limited, The	London, England ..	5	4723	18 May ..	77	15 Sept.
Reece and Sons, E.	Christchurch, N.Z. ..	47	4461	2 Dec., 1903	77	15 Sept.
Regal Shoe Company, The	Boston, U.S.A. ..	38	4929	22 Sept. ..	80	29 Sept.
Reynolds and Co., W. E.	Dunedin, N.Z. ..	22	4848	4 Aug. ..	69	18 Aug.
Robertson and Co.	Auckland, N.Z. ..	42	4832	26 July ..	69	18 Aug.
Rodriguez Argiuelles Y. Ca.	Habana, Cuba ..	45	4836	28 July ..	77	15 Sept.
Ross & Glendining, Limited ..	Invercargill, N.Z. ..	38	4864	12 Aug. ..	69	18 Aug.
Sargood, Son, and Ewen	New Zealand ..	38	4400	2 Oct., 1903	69	18 Aug.
Scoular and Co., W.	Dunedin, N.Z. ..	47	4876	19 Aug. ..	74	1 Sept.
Seidel and Naumann. (See Naehmaschinen Fabrik und Eisengieserei.)						
Sheldon Drug Company	Sydney, N.S.W. ..	3	4795-7	30 June ..	66	4 Aug.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Smith and Smith, Limited	Dunedin, N.Z. ..	1	4910	13 Sept. ..	..	..
Smith and Smith, Limited	Dunedin, N.Z. ..	3	4919	16 Sept. ..	80	29 Sept.
Sociedad Anonima Germinal, The ..	Manila, Philippine Islands ..	45	4860	12 Aug. ..	74	1 Sept.
Sorenson, C. A.	Dunedin, N.Z. ..	3	4894	1 Sept. ..	77	15 Sept.
Sorenson, W.	Dunedin, N.Z. ..	3	4811	7 July ..	62	21 July.
South British Packing Company, The. (See A. S. Paterson and Co.)						
Sterling Remedy Company	Chicago, U.S.A. ..	3	4815	14 July ..	66	4 Aug.
Sutton, W. A. P.	Gisborne, N.Z. ..	2	4855	9 Aug. ..	69	18 Aug.
Svenska Centrifug Aktiebolaget ..	Stockholm, Sweden ..	7	4893	1 Sept. ..	77	15 Sept.
Sybry, Searls, and Co., Limited ..	Sheffield, England ..	5	4857	11 Aug. ..	69	18 Aug.
Swan, J. G.	Wanganui, N.Z. ..	43	4905	10 Sept. ..	..	..
Swan, J. G.	Wanganui, N.Z. ..	44	4906	10 Sept. ..	..	..
Swan and Co., J. G. (See J. G. Swan.)						
Teed and Co.	New Plymouth, N.Z. ..	39	4790	30 June ..	69	18 Aug.
Thompson and Hills	Auckland, N.Z. ..	42	4878	22 Aug. ..	74	1 Sept.
Thorley, Limited, J.	London, England ..	42	4868	17 Aug. ..	74	1 Sept.
Tompkins and Co., A. H.	Christchurch, N.Z. ..	42, 50	4865, 4866	15 Aug. ..	83	13 Oct.
Trapnell, G.	Brightwater, N.Z. ..	42	4840	1 Aug. ..	69	18 Aug.
Tyree and Co., Limited, A.	Christchurch, N.Z. ..	50	4821	18 July ..	80	29 Sept.
Tyree and Co., A.	Christchurch, N.Z. ..	38	4901	8 Sept. ..	..	..
United Kingdom Tea Company, Limited	London, England ..	42	4859	11 Aug. ..	74	1 Sept.
United Manufacturing Company, The ..	Dunedin, N.Z. ..	42	4813	11 July ..	66	4 Aug.
Waikiekie Co-operative Dairy Company, Limited, The	Waikiekie, N.Z. ..	42	4884	27 Aug. ..	..	..
Walker, Kempson, and Stevens, Limited	Leicester, England ..	38	4871	17 Aug. ..	74	1 Sept.
Wallace, J.	Dunedin, N.Z. ..	38	4368	9 Sept., 1903	66	4 Aug.
Warnock Bros.	Auckland, N.Z. ..	47	4803, 4	4 July ..	59	7 July.
Waters, Ritchie, and Co.	Dunedin, N.Z. ..	42	4820	18 July ..	66	4 Aug.
Wiggins, Teape, and Co., Limited ..	London, England ..	39	4830	25 July ..	66	4 Aug.
Wiles, H. O.	Auckland, N.Z. ..	1	4793	30 June ..	66	4 Aug.
Williamson, H. B.	Wanganui, N.Z. ..	3	4409	8 Oct., 1903	74	1 Sept.
Wilson, A. C.	Christchurch, N.Z. ..	2	4863	12 Aug. ..	66	4 Aug.
Woodward, J. A.	Wellington, N.Z. ..	3	4851	9 Aug. ..	69	18 Aug.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS FOR QUARTER ENDING 30TH SEPTEMBER, 1904.

Name.	Address.	No. of Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Billing, A. F. and another	Auckland, N.Z. ..	5	217	30 Aug. ..	74	1 Sept.
Boll, P.	Bendigo, Victoria ..	1	212	8 April ..	66	4 Aug.
Brooke, C. M.	Christchurch, N.Z. ..	4	215	8 Aug. ..	69	18 Aug.
Brooke, C. M.	Christchurch, N.Z. ..	4	220	30 Sept. ..	83	13 Oct.
Griffin and Sons, Limited	Nelson, N.Z. ..	12	216	22 Aug. ..	74	1 Sept.
Harding, H. T., and another	Auckland, N.Z. ..	5	217	30 Aug. ..	74	1 Sept.
Harding and Billing. (See A. F. Billing and H. T. Harding.)						
Mahoney, F. J.	Christchurch, N.Z. ..	1	214	1 Aug. ..	66	4 Aug.
O'Sullivan Rubber Company	Portland, U.S.A. ..	3	219	29 Sept. ..	83	13 Oct.
Shelton, F. J.	Wellington, N.Z. ..	1	213	14 July ..	66	4 Aug.
Wilson, T., jun.	Islington, N.Z. ..	3	218	12 Sept. ..	80	29 Sept.

**J. — ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR QUARTER ENDING
31st DECEMBER, 1904.**

* Denotes a provisional specification.
Trade Marks Act, 1889."

† Denotes a prior date under section 106 of "The Patents, Designs, and

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Abell, E. G., and another, Brisbane, Q. Butter-box. (S. J. Collins) ..	18516	24 Sept. ..	102	22 Dec.
Adams, J., and another, Hamilton, Vic. Pipe-wrench ..	18530	27 Sept. ..	91	10 Nov.
Adamson, L., Waimate, N.Z. Rain-water collector ..	18754	16 Nov. ..	102	22 Dec.
Alcock and Co., Wellington, N.Z. (See H. U. Alcock, No. 18525.)				
Alcock, F. A., Melbourne, Vic. (See H. U. Alcock, No. 18525.)				
Alcock, H. U., Melbourne, Vic. Convertible billiard-table ..	18517	24 Sept. ..	91	10 Nov.
Alcock, H. U., Wellington, N.Z. Preparing surface of bowl-testing table. (F. A. Alcock)	18525	1 Oct. ..	102	22 Dec.
Aldis, M., Auckland, N.Z. Billy-can ..	18669	28 Oct. ..	91	10 Nov.*
Alexander, C. J., London, Eng. Incandescent gas-burner ..	18853	13 Dec. ..	6	26 Jan., 1905.
Alexander, W. M., Bairnsdale, Vic. (See J. H. Smith, No. 18469.)				
Allan, A. T. W., and another, Thames, N.Z. Gold-saving ..	18777	18 Nov. ..	98	8 Dec.*
Allen, A. H. R., and another, Melbourne, Vic. Metal-finishing process and product	18748	16 Nov. ..	95	24 Nov.*
Allen, C. E. H., Hunterville, N.Z. Fencing-dropper ..	18700	3 Nov. ..	..	..
Anderson, G., Christchurch, N.Z. (See Christchurch Meat Company, Limited, No. 18456)				
Anderson, J., Dunedin, N.Z. Pressure-appliance for cheese-press ..	18651	20 Oct. ..	95	24 Nov.
Andrews, F. H., Sydenham, N.Z. Pitching-spear ..	18591	14 Oct. ..	86	27 Oct.*
Angus, A. R., Neutral Bay, N.S.W. Railway car ..	18714	8 Nov. ..	..	..
Angus, E. A., Melbourne, Vic. Sewing-machine ..	18693	3 Nov. ..	98	8 Dec.
Appleton, J. A., and another, Sydney, N.S.W. Anti-fouling composition	18637	18 Oct. ..	95	24 Nov.
Armstrong, G., Dunedin, N.Z. Elevating and delivering material ..	18775	21 Nov. ..	102	22 Dec.
Ashcroft, T., Auckland, N.Z. Increasing speed of vessels ..	18701	1 Nov. ..	95	24 Nov.*
Ashworth, H., Wellington, N.Z. Wool-washer ..	18573	10 Oct. ..	91	10 Nov.
Ashworth, H., Wellington, N.Z. Arrival and departure indicator for railways	18762	18 Nov. ..	98	8 Dec.*
Atkinson, H. A., Christchurch, N.Z. Blind-fitting ..	18772	19 Nov. ..	3	12 Jan., 1905.*
Austin, G. B. H., Oakleigh, Vic. Adjusting wind-gauge on rifle ..	18546	4 Oct. ..	86	27 Oct.*
Austin, G. B. H., Oakleigh, Vic. Vernier for rifle ..	18453	15 Sept. ..	86	27 Oct.*
Austin, G. B. H., Oakleigh, Vic. Ladder and frame for rifle ..	18620	20 Oct. ..	91	10 Nov.*
Austin, G. B. H., Oakleigh, Vic. Fixing spirit-level on rifle-sight ..	18521	29 Sept. ..	91	10 Nov.*
Bacon, M., Grey Lynn, N.Z. Blouse and skirt supporter ..	18776	17 Nov. ..	3	12 Jan., 1905.*
Baggstrom, E. L., Auckland, N.Z. (See G. W. Basley, No. 18891.)				
Bailey, C. E., Dunedin. Spring equaliser for vehicle ..	18541	4 Oct. ..	86	27 Oct.*
Baker, A. G., Dunedin, N.Z. Door-lock ..	17965	26 May ..	102	22 Dec.
Baker, H. J., Christchurch, N.Z. Churn ..	18554	6 Oct. ..	86	27 Oct.*
Baldwin, E. S., and another, Wellington, N.Z. Bread-making. (Deutsche Dauerbrot Gesellschaft)	18806	19 Dec., 1903†	..	..
Baldwin, E. S., and another, Wellington, N.Z. Parcel-carrier. (Lamson Store Service Company, Limited)	18875	20 Dec. ..	..	..
Barclay, W. R., and another, Leicester, Eng. (See United Shoe Machinery Company, No. 18752.)				
Barlow, J. L., and another, Wellington, N.Z. Die for cake-tins ..	17595	1 March ..	102	22 Dec.
Barnes, G., North Sydney, N.S.W. Curtain-suspender ..	18820	1 Dec. ..	3	12 Jan., 1905.*
Barton, B. C., Birmingham, Eng. Metallic bedstead ..	17465	13 Jan. ..	86	27 Oct.
Basley, G. W., Auckland, N.Z. Stair-rod. (L. Baggstrom) ..	18891	22 Dec. ..	3	12 Jan. 1905.*
Bates, A., and another, Leicester, Eng. (See United Shoe Machinery Company, No. 18752.)				
Baugh, De. (See under De.)				
Bavay, de. (See under De.)				
Beamish, W., Cromwell, N.Z. (See A. J. Park, No. 18896.)				
Beck, H., Meiningen, Ger. Electric arc lamp ..	18512	28 Sept. ..	91	10 Nov.
Bedell, B. H., and another, London, Eng. Current-collector for stud contact systems of electric traction	18723	10 Nov. ..	98	8 Dec.
Belk, M., Palmerston North, N.Z. Branding and embossing carcasses of mutton	18672	27 Oct. ..	..	..
Bender, L., Launceston, Tas. Butter-cutter ..	18467	21 Sept. ..	86	27 Oct.
Bernays, C. E., Brisbane, Q. Boggles for vehicles ..	18464	20 Sept. ..	86	27 Oct.
Bickerton, A. W., Christchurch, N.Z. Paper health shelter ..	17522	5 Feb. ..	98	8 Dec.
Billens, A., Christchurch, N.Z. Agitating attachment to spray-pump ..	18659	25 Oct. ..	95	24 Nov.
Blackstone, E. C., and another, Stamford, Eng. Swath-turner ..	18804	29 Nov. ..	102	22 Dec.
Böhm, H., Berlin, Ger. Preserve-can ..	18624	20 Oct. ..	..	..
Bower, D., Dunedin, N.Z. Milk-can ..	18770	18 Nov. ..	98	8 Dec.*
Boyle, J. S., and another, Auckland, N.Z. Boot-sole ..	18649	19 Oct. ..	91	10 Nov.
Boyle, J. S., and others, Auckland, N.Z. Boot sole and upper ..	18779	19 Nov. ..	98	8 Dec.*
Brackett, F. W., Colchester, Eng. (See Positive Rotary Pumps (Limited) No. 18599.)				
Bradley, S. A., and another, Kilmore, Vic. Fruit-case ..	18715	10 Nov. ..	98	8 Dec.*
Brake, C., Lincoln, N.Z. Surgical instrument for cattle ..	18656	24 Oct. ..	95	24 Nov.
Brake, J., Christchurch, N.Z. Attaching breeching-straps to vehicle- shafts	17629	7 March ..	95	24 Nov.
Brett, A. G., and another, Hawera, N.Z. Moustache-guard for spoons ..	17559	23 Feb. ..	102	22 Dec.
Brewerton, F. M., Motupiko, N.Z. Wire-strainer ..	18788	25 Nov. ..	..	..
Brice, H., Kapuni, N.Z. Game ..	17460	13 Jan. ..	91	10 Nov.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Bridge, A., Stonehenge, Q. Cricket-stumps	18485	22 Sept. ..	86	27 Oct.
Bridger, J., London, Eng. (See the New Inverted Incandescent Gas-lamp Company, Limited, No. 18326.)				
Broadhead, C., and another, Wellington, N.Z. Knife and fork cleaner ..	18824	3 Dec. ..	98	8 Dec.*
Brown, F. J., Ngaire, N.Z. Leg-roping appliance	18868	16 Dec. ..	102	22 Dec.*
Brown, F. J., Ngaire, N.Z. Cow-bailing appliance	18867	16 Dec. ..	102	22 Dec.*
Brown, J. H., and another, Wellington, N.Z. Vending-machine ..	18548	5 Oct. ..	86	27 Oct.*
Brown, J. H., Leicester, Eng. (See United Shoe Machinery Company, No. 18625.)				
Brown, T. H., Wellington, N.Z. Bridle	17410	24 Dec., 1903	86	27 Oct.
Bruce, J. L., Kogarah, N.S.W. Gas-lamp lighter and extinguisher ..	18722	10 Nov. ..	98	8 Dec.
Bruce, W. W., Wellington, N.Z. Fireproof roofs and floors. (J. R. Little)	18740	8 Nov. ..	102	22 Dec.
Bucklew, A., San Francisco, U.S.A. (See G. G. Turri, No. 18852.)				
Burchett, E., Christchurch, N.Z. Tire-cover, metallic	18781	22 Nov. ..	98	8 Dec.*
Burt, A., Dunedin, N.Z. Self-closing tap	18643	19 Oct. ..	91	10 Nov.*
Buscke, G. R., and others, Gisborne, N.Z. Racing-hurdle	18575	7 Oct. ..	95	24 Nov.*
Butterworth, H. R., Dunedin, N.Z. Dredge-bucket. (H. Park) ..	18895	22 Dec. ..	3	12 Jan. 1905.*
Byron, A. H., Auckland, N.Z. Smoke-consumer and feeder for furnace	18747	12 Nov. ..	95	24 Nov.*
Cairns, P., Timaru, N.Z. Centre for invert and arching work ..	18650	22 Oct. ..	91	10 Nov.*
Cameron, E. A., and another, Invercargill, N.Z. Race for sheep ..	18899	23 Dec. ..	3	12 Jan. 1905.*
Campbell, P., Albert Park, Vic. Pipe-moulding machine	18529	27 Sept. ..	91	10 Nov.
Campbell, W. S., Auckland, N.Z. Blight-destroyer	18765	14 Nov. ..	98	8 Dec.*
Candy, H. W., Christchurch, N.Z. Tug-stop for vehicle-shafts ..	18744	15 Nov. ..	95	24 Nov.*
Cannon, T., Wanganui, N.Z. Anti-rattler for windows	18841	7 Dec. ..	102	22 Dec.*
Carlaw, J., and another, Auckland, N.Z. Fire-bridge and smoke-consumer	18865	14 Dec. ..	102	22 Dec.*
Cassel, H. R., London, Eng. Slimes-filter	17600	2 March ..	102	22 Dec.
Champion Seal Company, New York, U.S.A. Packing-case. (H. A. Penrose)	18813	1 Dec. ..	3	12 Jan., 1905.
Champion Seal Company, New York, U.S.A. Seal or stopper. (E. D. Schmitt)	18816	1 Dec. ..	..	..
Chewings, G., Mossburn, N.Z. Fencing-staple	17501	29 Jan. ..	91	10 Nov.
Christchurch Meat Company, Limited, Christchurch, N.Z. Securing top of preserving-tin. (G. Anderson)	18456	16 Sept. ..	91	10 Nov.*
Christie, J., Dunedin, N.Z. Making union joints in pipes	18532	30 Sept. ..	86	27 Oct.*
Christy, S. B., Berkeley, U.S.A. (See F. A. Rich, No. 18638.)				
Clapham, G. H., and another, Wellington. Die for cake-tins ..	17595	1 March ..	102	22 Dec.
Clark, A. Z., Melbourne, Vic. Treating crushed ores	18818	1 Dec. ..	3	12 Jan., 1905.
Clark, D., Bairnsdale, Vic. Gold-separation, &c., by precipitation in zinc	18538	4 Oct. ..	86	27 Oct.*
Clark, H. S., Onehunga, N.Z. Tap for tins	18874	16 Dec. ..	..	..
Clark, L., Hobsonville, N.Z. Flanging, &c., earthenware pipes ..	17105	13 Oct., 1903..	86	27 Oct.
Clark, R., Wanstead, Eng. Blank-book manufacture	18905	4 Jan.† ..	3	..
Clark, R. O., jun., Hobsonville, N.Z. Flanging, &c., earthenware	17182	30 Oct., 1903..	86	27 Oct.
Clark, R. O., jun., Hobsonville, N.Z. Earthenware flanging-machine ..	18898	23 Dec. ..	3	12 Jan., 1905.*
Clere, F. de J., Wellington, N.Z. Reversible window-sash	18674	29 Oct. ..	91	10 Nov.*
Clere, F. de J., Wellington, N.Z. Weatherboard	18682	1 Nov. ..	91	10 Nov.*
Cloke, W. G., Patea, N.Z. Furnace for ironsand	18734	11 Nov. ..	95	24 Nov.*
Cobb, J. H., and another, Christchurch, N.Z. Hair-pin	18862	15 Dec. ..	102	22 Dec.*
Cohn, H., and another, London, Eng. Brique-manufacture	18905	29 Dec. ..	3	12 Jan., 1905.*
Cohn, H., and another, London, Eng. (See J. T. Hunter, No. 18707.)				
Collins, H. A., Wellington, N.Z. Coat-hanger	18539	4 Oct. ..	91	10 Nov.
Collins, J., Melbourne, Vic. Envelope, memorandum, or statement form	18627	20 Oct. ..	91	10 Nov.*
Collins, S. J., Brisbane, Q. (See J. Hancock and E. G. Abell, No. 18516.)				
Colton, A. R., Newark, U.S.A. (See N. L. R. Tracy, No. 18811.)				
Conolly, W. P., Melbourne, Vic. Safety appliance for shafts of elevators	18511	29 Sept. ..	91	10 Nov.
Cooper, F., Christchurch, N.Z. Disc ridger	18660	25 Oct. ..	91	10 Nov.*
Cooper, F., Christchurch, N.Z. Tip road-wagon	18732	10 Nov. ..	95	24 Nov.*
Corbett, F. J., South Yarra, Vic. (See H. Corbett, No. 18662.)				
Corbett, H., South Yarra, Vic. Siphon. (F. J. Corbett)	18662	27 Oct. ..	91	10 Nov.*
Cosslett, R., Auckland, N.Z. Building-appliance	18778	19 Nov. ..	102	22 Dec.*
Coulthard, T. W., Mangapai, N.Z. Binder for wire fences	18655	25 Oct. ..	..	..
Cowie, J., and another, Dunedin, N.Z. Ball-testing appliance for bias ..	18609	15 Oct. ..	91	10 Nov.*
Craw, G., Linton, N.Z. Washing flax and similar fibre	18561	7 Oct. ..	86	27 Oct.*
Cross, C. A., and another, Hamilton, Vic. Pipe-wrench	18530	27 Sept. ..	91	10 Nov.
Crown Corporation, Limited, The, Sydney, N.S.W. Bottling carbonated liquid. (S. G. Plucknett and J. F. H. Howarth)	18579	13 Oct. ..	3	12 Jan., 1905.
Dahl, A., Riverstone, N.S.W. Rotary tine harrow	18843	5 Dec. ..	..	..
Daily, J. J., Christchurch, N.Z. Pneumatic tire	18336	16 Aug. ..	95	24 Nov.
Dale, A., Timaru, N.Z. Fencing-standard attachment	18810	26 Nov. ..	98	8 Dec.*
Daly, W. P., Greymouth, N.Z. Adjusting bolsters	17442	7 Dec., 1903	83	13 Oct.
Danks, T., Christchurch, N.Z. Windmill	18825	1 Dec. ..	3	12 Jan., 1905.
Danks, T., Christchurch, N.Z. Oiling-appliance for machinery ..	18826	1 Dec. ..	3	12 Jan., 1905.
Darley, H. S., and another, Melbourne, Vic. Metal-finishing process and product. Trading as the Nella Enamelling and Japanning Company	18748	16 Nov. ..	95	24 Nov.*
Darvall, G. W., Wellington, N.Z. Bottle-stopper, measure, and eye-bath	18602	17 Oct. ..	91	10 Nov.*
Davis, P., Northcote, Vic. Clothes-strainer and transferer to copper ..	18621	20 Oct. ..	95	24 Nov.
Dawes, J. T., Prestatyn, Eng. Magnetic separator	18769	17 Nov. ..	102	22 Dec.
Dawson, A., and another, Mittagong, N.S.W. Cream-testing flask ..	18819	1 Dec. ..	3	12 Jan., 1905.
Dawson, J. G., Woodbury, N.Z. Egg-carrier	18382	27 Aug. ..	95	24 Nov.
Dawson, W., Auckland, N.Z. Internal-combustion engine and vapouriser	18695	31 Oct. ..	98	8 Dec.

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
De Baugh, H. W., Auckland, N.Z. Liner for washing-boiler ..	18890	21 Dec. ..	..	..
De Bavay, A. J. F., Kew, Vic. Ores, &c., separation by flotation ..	18688	3 Nov. ..	91	10 Nov.*
De Lautour, H. A., Dunedin, N.Z. Bowl-testing machine ..	18741	10 Nov. ..	95	24 Nov. *
Dellwik, C., London, Eng. (See J. T. Hunter, No. 18729.)				
Denmead, C. E., and another, Christchurch, N.Z. Jointing trap of water-closet, &c., to lead-away pipe	18636	19 Oct. ..	6	26 Jan., 1905.
Dennis, G., jun., Waikaitia, N.Z. Raking material from sluice-box ..	17519	6 Feb. ..	98	8 Dec.
Dennison, J. G., Timaru, N.Z. Potato-digger ..	18774	21 Nov. ..	98	8 Dec.*
Denniston, S. E., Avenal, N.Z. Flax-treatment ..	17287	25 Nov., 1903	86	27 Oct.
Deutsche Dauerbrot Gesellschaft, Berlin, Ger. (See E. S. Baldwin and H. H. Rayward, No. 18806.)				
Dicke, H., Frankfurt-on-Main, Ger. Generating gas ..	18728	10 Nov. ..	95	24 Nov.*
Dickie, R. J., and another, Wellington, N.Z. Vending-machine ..	18548	5 Oct. ..	86	27 Oct.*
Dignan, J., Auckland, N.Z. Castrating, ear-marking, and docking instrument	18767	17 Nov. ..	98	8 Dec.*
Dixie Match Company, New Jersey, U.S.A. Match-making art. (W. H. Parker)	18730	10 Nov. ..	98	8 Dec.
Donkin, H., Wellington, N.Z. Weed-eradicator ..	18794	28 Nov. ..	..	..
Droullege, H., Auckland, N.Z. Registering and number-recording machine	18594	11 Oct. ..	91	10 Nov.
Ducker, J., jun., Warea, N.Z. Releaseable snatch-block ..	18542	4 Oct. ..	86	27 Oct.*
Dufaux, A., and another, Geneva, Switzerland. (See M. Ratty, No. 18802.)				
Dufaux, H., and another, Geneva, Switzerland. (See M. Ratty, No. 18802.)				
Dugins, W. F., Kew, Vic. Tobacco-pipe ..	18628	20 Oct. ..	95	24 Nov.
Dugins, W. F., Kew, Vic. Match-box and tobacco-cutter ..	18629	20 Oct. ..	95	24 Nov.
Dunbar, J., Invercargill, N.Z. Rake ..	18645	17 Oct. ..	91	10 Nov.*
Duncan, Limited, P. and D., Christchurch, N.Z. Turnip-puller. (G. Vucetich)	18571	8 Oct. ..	86	27 Oct.*
Dyke, A., Waipia, N.Z. Lifting-jack ..	18717	7 Nov. ..	95	24 Nov.*
Dyke, A., Waipia, N.Z. Trace-holder for swingletree ..	18718	7 Nov. ..	95	24 Nov.*
Dyke, A., Waipia, N.Z. Rein-holder for vehicle ..	18719	7 Nov. ..	95	24 Nov.*
Easton, J. A., Dunedin, N.Z. Feed-box for horses ..	17398	18 Dec. 1903 ..	91	10 Nov.
Eckersley, J., Wellington, N.Z. Apparatus for spraying insecticides ..	18549	5 Oct. ..	86	27 Oct.*
Edwards, A., and others, Melbourne, Vic. Harness-saddle ..	18894	29 Dec. ..	3	12 Jan. 1905.*
Edwards, G. B., and others, Melbourne, Vic. Harness-saddle ..	18894	29 Dec. ..	3	12 Jan. 1905.*
Edwards, T. Ballarat, Vic. Ore-roasting furnace ..	18878	21 Dec. ..	..	..
Edwards, W., and another, Waikato, N.Z. Window ..	18578	11 Oct. ..	3	12 Jan. 1905.
Ellen, J., Staveley, N.Z. Feeding-bottle protector ..	18900	29 Dec. ..	3	12 Jan. 1905.*
Elliot, E., and another, Auckland, N.Z. Cleaning and sorting tow ..	18545	14 Nov. ..	102	22 Dec.
Elliot, G. B. B., Melbourne, Vic. Street scavenger ..	18880	21 Dec. ..	..	..
Ellis, G. A., and another, Lithgow, N.S.W. Billiard-table ..	18663	27 Oct. ..	..	..
Elwarth, W. A., and others, Gisborne, N.Z. Racing-hurdle ..	18575	7 Oct. ..	95	24 Nov.*
Emery, S. J., Colac, Vic. Collar and hames ..	18622	20 Oct. ..	91	10 Nov.*
Evens, E. L., Malvern, S.A. Game ..	18817	1 Dec. ..	3	12 Jan. 1905.
Ever Fresh Bread Company, The, Berlin, Ger. (See E. S. Baldwin and H. H. Rayward, No. 18806.)				
Falkner, A., Wellington, N.Z. Drying milk ..	18551	5 Oct. ..	86	27 Oct.*
Falkner, A., Kaiparoro, N.Z. Forming moulding-boards for raised-panel work	18555	6 Oct. ..	91	10 Nov.
Ferguson, G. W., and another, Wangaratta, Vic. Brick-making machine	18671	25 Oct. ..	98	8 Dec.
Ferguson, G. W., and another, Wangaratta, Vic. Brick-making machine	18800	25 Nov. ..	98	8 Dec.*
Ferguson, J. W., and another, Wangaratta, Vic. Brick-making machine	18671	25 Oct. ..	98	8 Dec.
Ferguson, J. W., and another, Wangaratta, Vic. Brick-making machine	18800	25 Nov. ..	98	8 Dec.*
Finn, G., and another, Wellington, N.Z. Egg-carrier ..	18680	1 Nov. ..	91	10 Nov.*
Finn, G., and another, Wellington, N.Z. Egg-carrier ..	18795	28 Nov. ..	3	12 Jan., 1905.
Firth, T., Wellington, N.Z. Wheel-lock and horse-stopper ..	17446	9 Jan. ..	102	22 Dec.
Fisher, J., jun., Melbourne, Vic. Faucet ..	18580	13 Oct. ..	95	24 Nov.
Fleming, J. A., London, Eng. (See Marconi's Wireless Telegraph Company, Limited, Nos. 18724 and 18725.)			86	27 Oct.*
Fletcher, E. G., Southend-on-Sea, Eng. Cash-register ..	18611	19 Oct. ..	95	24 Nov.
Flynn, J., and another, Wellington, N.Z. Boot and shoe fastener ..	18822	2 Dec. ..	8	12 Jan., 1905.
Flynn, J., and another, Wellington, N.Z. Pocket ..	18831	3 Dec. ..	3	12 Jan., 1905.
Flynn, T. A., and another, Wellington, N.Z. Boot and shoe fastener ..	18822	2 Dec. ..	3	12 Jan., 1905.
Flynn, T. A., and another, Wellington, N.Z. Pocket ..	18831	3 Dec. ..	3	12 Jan., 1905.
Ford, S., and another, Dannevirke, N.Z. Compound for sleepers and building-blocks	18526	1 Oct. ..	86	27 Oct.*
Ford, S., and another, Dannevirke, N.Z. Manufacturing articles from boiled tar and mineral matter	18614	19 Oct. ..	91	10 Nov.*
Fowler, J. W., Auckland, N.Z. Electric belt ..	18888	23 Dec. ..	..	..
Fraser, J. C., Coromandel, N.Z. Steam-turbine ..	18864	12 Dec. ..	102	22 Dec.*
Freeman, J. S., and another, Dannevirke, N.Z. Compound for sleepers and building-blocks	18526	1 Oct. ..	86	27 Oct.*
Freeman, J. S., and another, Dannevirke, N.Z. Manufacturing of articles from boiled tar and mineral matter	18614	19 Oct. ..	91	10 Nov.*
Fry, G. H., Ashburton, N.Z. Bicycle-lock ..	18684	1 Nov. ..	95	24 Nov.
Fuller, J. H., Auckland, N.Z. Writing-desk, blackboard, and lithographic copy	18792	23 Nov. ..	98	8 Dec.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Gallagher, J., Auckland, N.Z. Temperature fire-alarm	17996	4 June ..	102	22 Dec.
Garc, T., New Brighton, Eng. Wood, &c., treating	18859	14 Dec. ..	3	12 Jan., 1905.
Gasmier, F. W., Petersburg, S.A. Railway-brake mechanism ..	18501	28 Sept. ..	86	27 Oct.
Gaynor, J. A., Melbourne, Vic. Cork-retainer for bottles ..	18709	4 Nov. ..	95	24 Nov.*
Gemeinhardt, O., Footscray, Vic. Machine for measuring and wringing skins	18505	28 Sept. ..	86	27 Oct.
Gemmell, J., Maheno, N.Z. Stacking hay, &c.	17607	27 Feb. ..	102	22 Dec.
Gibb, W., and another, Oamaru, N.Z. Vehicle-seat slides	18735	8 Nov. ..	95	24 Nov.*
Gibbins, C. E., Auckland, N.Z. Model for teaching music	18845	5 Dec. ..	102	22 Dec.*
Gibbs, B., Stoke, N.Z. Spreader for traces	18657	26 Oct. ..	98	8 Dec.
Gibson, A. F., Timaru, N.Z. Flax-fibre treatment	18787	22 Nov. ..	102	22 Dec.*
Gilbert, T. J., and another, Brunswick, Vic. Dressing surfaces of rails ..	18537	30 Sept. ..	91	10 Nov.
Gill, A. E., Nelson, N.Z. Clamp for wire rope	18893	24 Dec. ..	6	26 Jan., 1905.
Gillies, A., Terang, Vic. Pneumatic teat-cups	17639	9 March ..	83	13 Oct.
Gillies, A. W., Georgetown, N.Z. Milk-can	18834	5 Dec. ..	102	22 Dec.*
Gilshnan, H. H., Kakaramea, N.Z. Hay-knife	18595	15 Oct. ..	91	10 Nov.*
Glas, A., Berlin, Ger. Milk-powder	18720	10 Nov. ..	..	..
Glass, F. J., and another, Upper Fern-tree Gully, Vic. Diggers' boot-shields	18582	13 Oct. ..	86	27 Oct.*
Globe Proprietary Company, Limited, Auckland, N.Z. Hammock-support. (E. H. Littlejohn—W. H. Morehouse)	18647	22 Oct. ..	95	24 Nov.
Gordon, W., Boston, U.S.A. (See United Shoe Machinery Company, No. 17453.)				
Goudie, B., and another, Wellington, N.Z. Ash-pan	18812	1 Dec. ..	98	8 Dec.*
Grant, J., Napier, N.Z. Horse-shoe	18562	7 Oct. ..	..	..
Grant, J. B., Wallacetown, N.Z. Castrating-instrument	18615	19 Oct. ..	..	..
Grant, J. H., and another, Ballarat, Vic. Furnace for refractory ores ..	18838	6 Dec. ..	102	22 Dec.*
Grant, W. S., Temuka, N.Z. Adjustable shaft-stop	18566	6 Oct. ..	86	27 Oct.*
Gray, C. E., and another, Hobart, Tas. Coin-freed franking-machine ..	17386	17 Dec., 1903..	86	27 Oct.
Griffiths, W., and another, London, Eng. Current-collector for stud contact system	18723	10 Nov. ..	98	8 Dec.
Grimsley, J. G., Leicester, Eng. Fire-extinguisher	18632	20 Oct. ..	95	24 Nov.
Grundy, E., Gisborne, N.Z. Portable woven-wire stretcher	18577	11 Oct. ..	95	24 Nov.*
Gunn, H., Auckland, N.Z. Smoke-consumer	18850	6 Dec. ..	3	12 Jan., 1905.*
Hadaway, J. B., Brockton, U.S.A. (See United Shoe Machinery Company, No. 18691.)				
Haenke, M. W., Ipswich, Q. Gas lighter and extinguisher	18661	27 Oct. ..	95	24 Nov.
Hall, E. J., Minneapolis, U.S.A. Sewing-machine needle	18808	1 Dec. ..	3	12 Jan., 1905.
Hall, G., and another, Lepperton, N.Z. Fencing-post	18331	15 Aug. ..	86	27 Oct.
Hamilton, F. W., and another, Nelson, N.Z. Ambulance-lifter	16927	21 Oct. ..	86	27 Oct.
Hamilton, W. E., Zanesville, U.S.A. Mining-machine	18504	28 Sept. ..	86	27 Oct.
Hancock, J., and another, Brisbane, Q. Butter-box. (S. J. Collins) ..	18516	24 Sept. ..	102	22 Dec.
Harding, H., Hauiti, N.Z. Axe-handle	18892	24 Dec. ..	3	12 Jan., 1905.*
Harding, J., Maiden Bradley, Eng. Cheese-making apparatus	18612	19 Oct. ..	95	24 Nov.
Hare, A., Auckland, N.Z. Operating-valves	18886	23 Dec. ..	3	12 Jan., 1905.*
Hare, A., Auckland, N.Z. Telemeter	18887	23 Dec. ..	3	12 Jan., 1905.*
Harkness, B. G. A., Stratford, N.Z. Double-acting water-pump	18572	10 Oct. ..	86	27 Oct.*
Harris, T., and another, Petone, N.Z. Knife and fork cleaner	18824	3 Dec. ..	98	8 Dec.*
Hartnett, J., and another, Balwyn, Vic. Milking-machine	18303	11 Aug. ..	102	22 Dec.
Hawkeswood, C. S., Auckland, N.Z. Roofing tile and ridging	17541	11 Feb. ..	98	8 Dec.
Hayward, J., Melbourne, Vic. Liquid-delivering device for flushing cistern	18583	13 Oct. ..	91	10 Nov
Heath, T., Nelson, N.Z. Castrating-instrument	17378	16 Dec., 1903..	83	13 Oct.
Hedley, J., Neerim South, Vic. Cream-can covering	18746	15 Nov. ..	98	8 Dec.
Hement, T. C., Christchurch, N.Z. Forming O.G. spouting	18528	1 Oct. ..	83	13 Oct.*
Hement, T. C., Christchurch, N.Z. Forming sheet-iron ridging	18557	4 Oct. ..	86	27 Oct.*
Hement, T. C., Christchurch, N.Z. Ridging	18793	26 Nov. ..	98	8 Dec.*
Hemming, T., and another, Auckland, N.Z. Curtain hooks and fastenings	18574	6 Oct. ..	86	27 Oct.*
Henderson, G., jun., Purau, N.Z. Weed-eradicating solution	18835	5 Dec. ..	..	..
Henderson, G., Turakina, N.Z. Weed-destroying composition	18872	22 Dec. ..	..	..
Henderson, H. C., Wanganui, N.Z. Steam-turbine	18592	14 Oct. ..	91	10 Nov.*
Hendy, A. M., Dunedin, N.Z. Hair-pin	18897	22 Dec. ..	..	..
Henley, P., Palmerston North, N.Z. Hose-coupling	18726	10 Nov. ..	95	24 Nov.*
Herrick, J., Auckland, N.Z. Floor-washer	18716	10 Nov. ..	98	8 Dec.*
Hewton, A. L., Dunedin, N.Z. Sash raiser and lock. (J. O. Hewton) ..	18547	1 Oct. ..	95	24 Nov.
Hewton, J. O., Dunedin, N.Z. (See A. L. Hewton, No. 18547.)				
Hicks, T. J. A., and another, Auckland, N.Z. Wire-woven mattress ..	18454	15 Sept. ..	86	27 Oct.*
Hille, E. G. A., Kakanui, N.Z. Weed-eradicator	18807	29 Nov. ..	98	8 Dec.*
Hiscox, E. C., and another, London, Eng. (See P. M. Newton, No. 18755.)				
Holms, J., jun., Waimahaka, N.Z. Trace-spreader	18452	12 Sept. ..	102	22 Dec.
Homes, L., and another, Blenheim, N.Z. Fire-escape	18560	5 Oct. ..	86	27 Oct.*
Honore, C. J., Otakeho, N.Z. Milk-cooler	18753	16 Nov. ..	98	8 Dec.
Horman, C. E., Ashburton, N.Z. Rotary scraping-board	18757	16 Nov. ..	..	..
Hornidge, F. E., South Yarra, Vic. Culinary utensil and lid	18712	8 Nov. ..	98	8 Dec.
Horniman, A. L., and another, Mittagong, N.S.W. Cream-testing flask	18819	1 Dec. ..	3	12 Jan., 1905.
Hoskins, W., La Grange, U.S.A. Treating fatty wood for paper-pulp production	18500	28 Sept. ..	86	27 Oct.
Howarth, J. F. H., and another, Annandale, N.S.W. (See The Crown Corporation, Limited, No. 18579.)				
Hoyland, W., Wellington, N.Z. Couch	17512	4 Feb. ..	98	8 Dec.
Hunt, J., Waimate, N.Z. Hay-knife	18727	10 Nov. ..	..	..

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Hunter, J. T., Wellington, N.Z. Ironsand briquettes. (T. Rouse and H. Cohn)	18707	7 Nov. ..	6	26 Jan., 1905.
Hunter, J. T., Wellington, N.Z. Water-gas production. (C. Dellwik)..	18729	10 Nov. ..	95	24 Nov.*
Hussey, J. M., Brunswick, Vic. Packing butter	18858	14 Dec. ..	3	12 Jan., 1905.
Ingram, G., and another, Lower Moutere, N.Z. Wire-strainer ..	18544	4 Oct. ..	..	..
Jackson, J. D., Prahman, Vic. Bath-heater	18686	3 Nov. ..	91	10 Nov.*
Jackson, J. D., Prahman, Vic. Gas-burner for bath-heater ..	18687	3 Nov. ..	91	10 Nov.*
Jackson, J. D., Prahman, Vic. Beer-engine	18902	29 Dec. ..	3	12 Jan., 1905.*
Jacobsen, J. S. M., Nelson, N.Z. Production of metals from ores ..	18909	31 Dec. ..	..	..
James, C., and others, Grantham, Eng. Internal-combustion engine..	18633	20 Oct. ..	95	24 Nov
Jardine, W. R., and another, Edinburgh, Scot. (See T. C. Jenkins and W. T. Mack, No. 18839.)				
Jenkins and Mack. (See T. C. Jenkins and W. T. Mack, No. 18839.)				
Jenkins, T. C., and another, Wellington, N.Z. Milking-machine. (W. Stewart and W. R. Jardine)	18839	6 Dec. ..	3	12 Jan., 1905
Jerome, C., Perth, W.A. Incandescent oil-lamp	18696	3 Nov. ..	95	24 Nov.*
Johanson, A., Dillmanstown, N.Z. Gold-saving apparatus ..	18832	3 Dec. ..	102	22 Dec.*
Johns, W. F., Auckland, N.Z. Operating doors of lift or elevator wells	18613	19 Oct. ..	91	10 Nov.*
Johnson, C. J., and another, Auckland, N.Z. Fire-bridge and smoke-consumer	18865	14 Dec. ..	102	22 Dec.*
Johnson, W. C., and another, Old Charlton, Kent, Eng. Rock-drill ..	18610	19 Oct. ..	91	10 Nov.*
Johnston, W. J., Rocksprings, U.S.A. Panoramic camera	18783	24 Nov. ..	102	22 Dec.
Johnstone, A. E., London, Eng. Liquid-fuel burner	18721	10 Nov. ..	98	8 Dec.
Jones, H. T., and another, Melbourne, Vic. Blower for furnace	18883	22 Dec. ..	..	..
Jones, M. J., and another, New Plymouth, N.Z. Valve	18593	11 Oct. ..	95	24 Nov.
Jones, W. B., Hastings, N.Z. Spring tine cultivator	18705	7 Nov. ..	95	24 Nov.*
Karl, V., Rotorua, N.Z. Weed-eradicator	18866	16 Dec. ..	102	22 Dec.*
Kelly, R. D., Pigeon Bay, N.Z. Breeching for harness	18773	21 Nov. ..	98	8 Dec.*
Kennedy, S. R., Philadelphia, U.S.A. (See E. Phillips, No. 18598.)				
King, J., Masterton, N.Z. Turnip- and rape-seed sower	18784	24 Nov. ..	3	12 Jan., 1905.*
Kingsland, W., London, Eng. Electric switch	18856	14 Dec. ..	3	12 Jan., 1905.
Kitchin, H., and another, Hawthorn, Vic. Strap-lock	18569	7 Oct. ..	86	27 Oct.*
Knutzen, H. P., and others, Auckland, N.Z. Racing-hurdle	18575	7 Oct. ..	95	24 Nov.*
Koch, G., New York, U.S.A. Shaving-brush	18478	22 Sept. ..	86	27 Oct.
Krause, A. H., Auckland, N.Z. Box	18881	19 Dec. ..	6	26 Jan., 1905.*
Krause, A. H., Auckland, N.Z. Deck-chair	18882	19 Dec. ..	6	26 Jan., 1905.*
Kwiatkowski, L. F., New York, U.S.A. Brick and artificial-stone making	18815	1 Dec. ..	3	12 Jan., 1905.
Lamp Manufacturing Company, Limited, London, Eng. Railway signal-lamp. (W. H. I. Welch)	18861	13 Dec. ..	6	26 Jan., 1905.
Lamson Store Service Company, Limited, London, Eng. (See E. S. Baldwin and H. H. Rayward, No. 18875.)				
Larsen, T., and another, Waikino, N.Z. Window	18578	11 Oct. ..	3	12 Jan., 1905.
Lashlie, C., Temuka, N.Z. Coat and trouser hanger	18756	16 Nov. ..	95	24 Nov.*
Lautour, de. (See under De.)				
Law, R., Melbourne, Vic. Temperature-regulator for incubator ..	18692	3 Nov. ..	98	8 Dec.
Lawrence, A. L., and another, Christchurch, N.Z. Packing eggs ..	17273	19 Nov. 1903..	83	13 Oct.
Lawrence, F. J., and another, Christchurch, N.Z. Packing eggs ..	17273	19 Nov. 1903..	83	13 Oct.
Legg, J. C., Auckland, N.Z. Attaching handles of bakers' peels ..	18668	28 Oct. ..	91	10 Nov.*
Legg, J. C., Auckland, N.Z. Attaching handles of bakers' peels ..	18829	3 Dec. ..	..	..
Legg, J. C., Auckland, N.Z. Bread	18870	17 Dec. ..	..	..
Liebold, R., Weimar, Ger. Cement-manufacture	18849	24 Feb.†	..	..
Little, J. R., Edinburgh, Scot. (See W. W. Bruce, No. 18740.)				
Littlejohn, E. H., Auckland, N.Z. (See Globe Proprietary Company, Limited, No. 18647.)				
Livingston, T. L., and another, London, Eng. (See P. M. Newton, No. 18755.)				
Ljungström, F., Stockholm, Sweden. Cow-milker	17489	20 Jan. ..	91	10 Nov.
Lock, J., and another, Auckland, N.Z. Curtain hooks and fastenings..	18574	6 Oct. ..	..	..
London, W. T., Kimbolton, N.Z. Plant-pot	18830	3 Dec. ..	3	12 Jan., 1905.
Low, A., Reefton, N.Z. Links of endless chains	18681	1 Nov. ..	..	..
Lowe, A., Hastings, N.Z. Thinning and weeding knife	18910	31 Dec. ..	6	26 Jan., 1905.
Lowe, G. I., Palmerston North, N.Z. Flax-scutcher	17371	15 Dec., 1903..	83	13 Oct.
Lowry, G. A., Chicago, U.S.A. Cotton-picking machine	18743	15 Nov. ..	98	8 Dec.
Lubbers, J. H., Allegheny, U.S.A. (See Window-glass Machine Company, No. 18837.)				
Ludeman, J. P., and another, Melbourne, Vic. Blower for furnace ..	18883	22 Dec. ..	..	..
Ludford, W. H., Wellington, N.Z. Illuminating trolley-wheel of electric car	18540	4 Oct. ..	86	27 Oct.*
Luke, E. T., Melbourne, Vic. (See W. J. Rae, No. 18749.)				
Lungley, C. F., Melbourn, Vic. Manufacture of iron and steel from New Zealand ironsand	16975	5 Aug. 1903†	83	13 Oct.
Lyons, T. P., Wellington, N.Z. Vehicle-wheel tire	17579	26 Feb. ..	102	22 Dec.
Macdonald, D. C., Campbelltown, N.Z. Drying and bleaching flax ..	18641	21 Oct. ..	91	10 Nov.*
Mack, W. T., and another, Wellington, N.Z. Milking-machine. (W. Stewart and W. R. Jardine)	18839	6 Dec. ..	3	12 Jan., 1905.
Mackay, J. (Tertius), and another, Nelson, N.Z. Ambulance-lifter ..	16927	21 Oct. ..	86	27 Oct.
Madder, W., New Plymouth, N.Z. Non-refillable stopper	18823	3 Dec. ..	3	12 Jan., 1905.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Maddox, F. W., Auckland, N.Z. Broom	18713	8 Nov. ..	95	24 Nov.*
Magnus, P., Northcote, Vic. Pneumatic tires	18631	20 Oct. ..	95	24 Nov.
Mahlstedt, G. Melbourne, Vic. Candle-protector	18848	8 Dec. ..	..	..
Mahoney, F. J., and another, Christchurch, N.Z. Jointing trap of water-closet to lead-away pipe	18636	19 Oct. ..	6	26 Jan., 1905.
Malcolm, A. J., Blenheim, N.Z. Fencing-staple	18789	23 Nov. ..	3	12 Jan., 1905.*
Marconi's Wireless Telegraph Company, Limited, London, Eng. Telegraphic signalling-keys. (J. A. Fleming)	18724	10 Nov. ..	98	8 Dec.
Marconi's Wireless Telegraph Company, Limited, London, Eng. Transmitting-instrument. (J. A. Fleming)	18725	10 Nov. ..	98	8 Dec.
Markey, F., and another, St. Mary's, Perth, Canada. Churn and butter-worker	18857	14 Dec. ..	..	..
Marr, A., Invercargill, N.Z. Curtain-poles	18758	14 Nov. ..	..	..
Marsh, R. F., East Maitland, N.S.W. Washing-machine	17988	1 June ..	86	27 Oct.
Matheson, A., Melbourne, Vic. Postal wrapper	18699	3 Nov. ..	95	24 Nov.
Matheson, D., Martinborough, N.Z. Overcoat	18667	28 Oct. ..	91	10 Nov.*
May, T. W., Auckland, N.Z. Steam-exhaust for rotary turbine	18766	14 Nov. ..	98	8 Dec.*
Mayo, B. F., Salem, U.S.A. (See United Shoe Machinery Company, No. 18751.)	..	..	..	..
McCallum, D., Invercargill, N.Z. Mixture for curing fish, bacon, &c. ..	18733	11 Nov. ..	95	24 Nov.*
McColl, A., Onehunga, N.Z. Rectifying defects and repairing timber-veneer	18652	21 Oct. ..	91	10 Nov.*
McCubbin, J. B., North Fitzroy, Vic. Boot-heel	18903	29 Dec. ..	6	26 Jan., 1905.
McDonald, A., and another, Riccarton, N.Z. Rod for wheel	17099	10 Oct., 1903..	91	10 Nov.
McDonald, A., and another, Dunedin, N.Z. Milk-strainer	18871	16 Dec. ..	102	22 Dec.*
McDonald, H. E., Wellington, N.Z. Egg-preserving process	18702	4 Nov. ..	95	24 Nov.*
McDonald, J. C., and another, Christchurch, N.Z. Separating wild oats from other grain	18833	3 Dec. ..	102	22 Dec.*
McDonald, S., and another, Gore, N.Z. Screw-key for nuts and bolts ..	18801	29 Nov. ..	..	..
McFeely, R. F., Beverly, U.S.A. (See United Shoe Machinery Company No. 18626.)	..	..	..	..
McGregor, R., Selwyn, N.Z. Twitch-cutter and harrow	18588	10 Oct. ..	86	27 Oct.*
McGuire, P. J., and another, Goulburn, N.S.W. Billiard-table	18663	27 Oct. ..	..	..
McKay, A., Sydney, N.S.W. Excavating and elevating wash-dirt	18750	16 Nov. ..	95	24 Nov.*
McKay, R., Wendonside, N.Z. Truck	18759	14 Nov. ..	95	24 Nov.*
McKay, W. A. and another, Wellington, N.Z. Hair-pin	18862	15 Dec. ..	102	22 Dec.*
McKeegan, W., Wellington, N.Z. Branding-device	18863	15 Dec. ..	102	22 Dec.*
McLauchlan, E. M., Invercargill, N.Z. Photographing images for abnormal pictures	18550	5 Oct. ..	86	27 Oct.*
McLean, A., Titree Point, N.Z. Tire-protector	18564	8 Oct. ..	86	27 Oct.*
McLennan, R. M., Dunedin, N.Z. Calendar	18906	29 Dec. ..	6	26 Jan., 1905.
McLeod, H. N., Wellington, N.Z. Gold-saving table	18782	22 Nov. ..	98	8 Dec.*
McLeod, J. W., Waikaka, N.Z. Gold-saving apparatus	18590	14 Oct. ..	91	10 Nov.*
McMurray, S., and another, Christchurch, N.Z. Suspending pictures ..	17480	20 Jan. ..	95	24 Nov.
McPhee, J. H. A., Dunedin, N.Z. Reducing pulverised iron-ore	18490	20 Sept. ..	86	27 Oct.
Mercer, T., Stratford, N.Z. Sole or sock for boots, &c.	18635	20 Oct. ..	91	10 Nov.*
Minchin, J., Gloucester, Eng. Bins for dry goods	18796	23 Nov. ..	102	22 Dec.
Mitthell, H., Invercargill, N.Z. Lead-pencil	18646	18 Oct. ..	91	10 Nov.*
Monrad, D. G., and another, Palmerston North, N.Z. Milk-stirrer ..	18768	19 Nov. ..	98	8 Dec.*
Moore, D., Timaru, N.Z. Turnip and rape sower	18556	3 Oct. ..	86	27 Oct.*
Moore, R. J., Rangitikei, N.Z. Milk-aerator	17514	4 Feb. ..	98	8 Dec.
Morehouse, W. H., Wasco, U.S.A. (See Globe Proprietary Company, Limited, No. 18647.)	..	..	..	..
Moses, W., Willowby, N.Z. Californian-thistle exterminator	18617	19 Oct. ..	91	10 Nov.*
Mouat, B. J., South Dunedin, N.Z. Draught-regulator for grate	18515	24 Sept. ..	91	10 Nov.
Moyle, G. F., Dunedin, N.Z. Music-leaf turner	18559	4 Oct. ..	86	27 Oct.*
Munro, H., Longbush, N.Z. Mud-guard for vehicle	18596	15 Oct. ..	..	..
Murray, R. L. H., Auckland, N.Z. Reflecting-apparatus and advertising-medium	18600	13 Oct. ..	..	..
Murray, R. L. H., Auckland, N.Z. Acetylene-gas generator	18710	2 Nov. ..	6	26 Jan., 1905.
Nathan, L., Zurich, Switzerland. Brewing beer	18679	1 Nov. ..	98	8 Dec.
Naumkeag Buffing-machine Association. (See S. W. Winslow, No. 18689.)	..	..	..	..
Nella Enamelling and Japanning Company. (See A. H. R. Allen and H. S. Darby, No. 18748.)	..	..	..	..
New Inverted Incandescent Gas-lamp Company, Limited, The, London, Eng. Mantle-support. (J. Bridger)	18326	17 Aug. ..	98	8 Dec.
Newth, F. E., Wellington, N.Z. Match-lining cramp	18606	18 Oct. ..	91	10 Nov.*
Newton, P. M., Christchurch, N.Z. Clothes washer and dryer. (E. C. Hiscox and T. L. Livingston)	18755	14 Nov. ..	98	8 Dec.
Nicholson, H. H., Pukeuri, N.Z. Bird-trap	18821	1 Dec. ..	98	8 Dec.*
Nielsen, N., Wellington, N.Z. Building-block	18666	28 Oct. ..	91	10 Nov.*
Nisbet, W., Dunedin, N.Z. Dredge-ladder attachment	18873	19 Dec. ..	102	22 Dec.*
Nixon, W. C., and another, New Plymouth, N.Z. Valve	18593	11 Oct. ..	95	24 Nov.
Norrie, W. M., Auckland, N.Z. Potato-peeler	18869	16 Dec. ..	102	22 Dec.*
Norris, W., Smithfield, S.A. Wire-strainer	18844	5 Dec. ..	3	12 Jan., 1905.
Norton, F. G., Lyttelton, N.Z. Egg-carrier	18570	7 Oct. ..	86	27 Oct.*
O'Brien, T. E., Narrabri, N.S.W. Bottle	17157	29 Oct., 1903..	86	27 Oct.
O'Connor, T. B., Auckland, N.Z. Bit and bridle	18736	8 Nov. ..	98	8 Dec.
Ohlsson, J. A., New York, U.S.A. Liner for separator	18884	22 Dec. ..	..	..
Orr, J., jun., Waitohi, N.Z. Shear-conveyer	18771	19 Nov. ..	98	8 Dec.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Owen, R. H., Wellington, N.Z. Range-finder	18670	28 Oct. ..	91	10 Nov.*
Paddock, H. J., West Wyalong, N.S.W. Wind-gauge sight for rifle ..	18664	27 Oct. ..	..	..
Palmer, E. M., Christchurch, N.Z. Pen or pencil holder	18604	18 Oct. ..	..	..
Palmer, J. S., Wanganui, N.Z. Account-book	18522	30 Sept. ..	86	27 Oct.*
Park, A. J., and another, Auckland, N.Z. Cleaning and sorting tow ..	18545	14 Nov. ..	102	22 Dec.
Park, A. J., Auckland, N.Z. Suspending and operating window-sash ..	17447	9 Jan. ..	98	8 Dec.
Park, A. J., Dunedin, N.Z. Gold-saving appliance. (W. Beamish) ..	18896	22 Dec. ..	3	12 Jan., 1905.*
Park, H., Sydney, N.S.W. (See H. R. Butterworth, No. 18895.)				
Parker, W. H., Jersey City, U.S.A. (See The Dixie Match Company, No. 18730.)				
Parkerson, C. P., Thames, N.Z. Receptacle for perishable condiments	18608	18 Oct. ..	91	10 Nov.*
Partridge, J. T., and another, Gisborne, N.Z. Weed-eradicating composition	18678	29 Oct. ..	91	10 Nov.*
Paten, F. T., Melbourne, Vic. Producing slags for making mineral wool	18587	13 Oct. ..	86	27 Oct.*
Paterson, J., and another, Thames, N.Z. Gold-saving	18777	18 Nov. ..	98	8 Dec.*
Paterson, W. H., Gore, N.Z. Pneumatic tire	18860	12 Dec. ..	102	22 Dec.*
Patten, A., and another, Hawthorn, Vic. Strap-lock	18569	7 Oct. ..	86	27 Oct.*
Pearson, G. C., and another, Old Charlton, Kent, Eng. Rock-drill ..	18610	19 Oct. ..	91	10 Nov.*
Penrose, H. A., New York, U.S.A. (See Champion Seal Company, No. 18813.)				
Peterson, C., Dublin, Ireland. Tobacco-pipe, &c., mouthpiece ..	17838	27 April ..	91	10 Nov.
Phillips, E., Melbourne, Vic. Process of treating milk. (S. R. Kennedy)	18598	13 Oct. ..	91	10 Nov.
Phillips, E., Melbourne, Vic. Cream products and apparatus for making same. (C. M. Taylor)	18630	20 Oct. ..	6	26 Jan., 1905.
Pike, A. S., and another, Wellington, N.Z. Egg-carrier	18680	1 Nov. ..	91	10 Nov.*
Pike, A. S., and another, Wellington, N.Z. Egg-carrier	18795	28 Nov. ..	102	22 Dec.
Pim, F. A., Hawthorn, Vic. Maize-drill	18846	8 Dec. ..	102	22 Dec.*
Plucknett, S. G., and another, Newtown, N.S.W. (See The Crown Corporation, Limited, No. 18579.)				
Plucknett, S. G., and another, Newtown, N.S.W. Ore separator and classifier	18584	13 Oct. ..	91	10 Nov.
Plucknett, S. G., and another, Newtown, N.S.W. Vibrating-trough for concentrating metalliferous materials	18585	13 Oct. ..	91	10 Nov.
Plucknett, S. G., and another, Newtown, N.S.W. Extracting mineral particles from slimes and tailings	18586	13 Oct. ..	91	10 Nov.
Plummer, C., Auckland, N.Z. (See C. B. and G. W. Plummer, No. 18675.)				
Plummer, C. B., and another, Auckland, N.Z. (trading as C. Plummer). Hat	18675	29 Oct. ..	91	10 Nov.*
Plummer, G. W., and another, Auckland, N.Z. (trading as C. Plummer). Hat	18675	29 Oct. ..	91	10 Nov.*
Pollard, E. T., London, Eng. Fluid-pressure turbine	18879	20 Dec. ..	3	12 Jan., 1905.*
Porter, E. E., Ashburton, N.Z. Turnip and rape feed	18618	19 Oct. ..	91	10 Nov.*
Positive Rotary Pumps (Limited), London, Eng. Pump for liquids or fluids (F. W. Brackett)	18599	13 Oct. ..	91	10 Nov.
Potts, T. W., Wanganui, N.Z. Bicycle stand or support	18607	18 Oct. ..	91	10 Nov.*
Prince, H., Westmere, N.Z. Leg-fastener for animals	18543	4 Oct. ..	91	10 Nov.
Prior, A., Dunedin, N.Z. Box	18278	2 Aug. ..	86	27 Oct.
Pritchard, W. M., and another, Auckland, N.Z. Boot-sole	18649	19 Oct. ..	91	10 Nov.
Pritchard, W. M., and others, Auckland, N.Z. Boot sole and upper ..	18779	19 Nov. ..	98	8 Dec.*
Pugh, J., Sydney, N.S.W. Consumption cure	18697	3 Nov. ..	95	24 Nov.*
Rae, W. J., Melbourne, Vic. Time-table and advertising-device. (E. T. Luke)	18749	16 Nov. ..	..	..
Ramsay, W. E. S., and another, St. Albans, N.Z. Suspending pictures	17480	20 Jan. ..	95	24 Nov.
Rask, C., and another, Invercargill, N.Z. Race for sheep	18899	23 Dec. ..	3	12 Jan., 1905.*
Rasmussen, N., Mauriceville West, N.Z. Machine-belt fastener ..	18356	23 Aug. ..	91	10 Nov.
Raymond, F. V., Invercargill, N.Z. Plate-rack	18854	10 Dec. ..	102	22 Dec.*
Rayward, H. H., and another, Wellington, N.Z. Bread-making. (Deutsche Dauerbrot Gesellschaft)	18806	19 Dec., 1903†	..	..
Rayward, H. H., and another, Wellington, N.Z. Parcel-carrier. (Lamson Store Service Company (Limited))	18875	20 Dec. ..	..	..
Read, H., Alma, N.Z. Rail-bed plate	18567	7 Oct. ..	86	27 Oct.
Read, J. C. C., London, Eng. Petroleum-burner	18634	20 Oct. ..	91	10 Nov.*
Reichel, L. T., Wellington, N.Z. Wind and water motor	18640	21 Oct. ..	91	10 Nov.*
Rich, F. A., Auckland, N.Z. Recovery of gold and silver from cyanide solutions. (S. B. Christy)	18638	18 Oct. ..	95	24 Nov.
Richard, M., and another, Glasgow, Scot. Bakers' oven	18531	29 Sept. ..	91	10 Nov.
Richardson, F., and another, St. Mary's, Perth, Canada. Churn and butter-worker	18857	14 Dec. ..	..	..
Ridder, E. F., and another, Christchurch, N.Z. Traction-engine governor-gear	18901	29 Dec. ..	3	12 Jan., 1905.*
Ridder, E. H. C., and another, Christchurch, N.Z. Traction-engine governor-gear	18901	29 Dec. ..	3	12 Jan., 1905.*
Ridgway, J. J., Rosebank, U.S.A. Belt-conveyor	18648	22 Oct. ..	95	24 Nov.
Roberts, D., and others, Grantham, Eng. Internal-combustion engine	18633	20 Oct. ..	95	24 Nov.
Robertson, C., Dunedin, N.Z. Laundry apparatus	17440	7 Jan. ..	102	22 Dec.
Robertson, D., Wellington, N.Z. Envelope	18558	3 Oct. ..	86	27 Oct.*
Robertson, D., Wellington, N.Z. Making self-addressed envelopes ..	18836	3 Dec. ..	102	22 Dec.*
Robertson, D., Wellington, N.Z. Envelope	18708	4 Nov. ..	95	24 Nov.*

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

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Robertson, E. L., Wellington, N.Z. Egg-carrier ..	18907	30 Dec. ..	3	12 Jan. 1905.*
Robinson, W. S., and another, Invercargill, N.Z. Air-engine ..	18904	29 Dec. ..	3	12 Jan., 1905.*
Robison, D. M., and another, St. Kilda, Vic. Milking-machine ..	18303	11 Aug. ..	102	22 Dec.
Robson, S. W., and another, Wellington, N.Z. Ash-pan ..	18812	1 Dec. ..	98	8 Dec.*
Rodgers, J. T., Waimate, N.Z. Securing shafts to vehicles ..	18673	25 Oct. ..	91	10 Nov.*
Rogers, A. W., Beverley, U.S.A. (See S. W. Winslow, No. 18689.)				
Rooney, J. W., Caversham, N.Z. Trolley-pole for electric traction ..	18786	24 Nov. ..	98	8 Dec.*
Ross, A., and another, Napier, N.Z. Binder-twine ..	18642	21 Oct. ..	95	24 Nov.
Ross, J. F., and another, Greytown, N.Z. Coiling and uncoiling fencing-wire ..	18876	20 Dec. ..	3	..
Ross, W., and another, Napier, N.Z. Binder-twine ..	18642	21 Oct. ..	95	24 Nov.
Roudebush, F. L., London, Eng. Rock-drilling engine. (C. H. Shaw)	18827	1 Dec. ..	3	12 Jan., 1905.
Rouse, T., and another, London, Eng. Briquette-manufacture ..	18905	29 Dec. ..	3	12 Jan., 1905.*
Rouse, T., and another, London, Eng. (See J. T. Hunter, No. 18707.)				
Rowland, J. H., Waipukurau, N.Z. Game ..	18492	24 Sept. ..	86	27 Oct.
Russell, J., Christchurch, N.Z. Rounding, chamfering, and trueing heads of casks ..	18603	17 Oct. ..	86	27 Oct.*
Russell, R. A. C., Walsall, Eng. Riding- and driving-saddle tree ..	18388	26 March† ..	102	22 Dec.
Rutland, J., Canvastown, N.Z. Treating wooden piles ..	18563	8 Oct. ..	..	..
Rutty, M., Sydney, N.S.W. Motor for cycle. (H. and A. Dufaux)	18802	29 Nov. ..	98	8 Dec.*
Ryan, M., Cobden, N.Z. Plush for gold-saving ..	18576	11 Oct. ..	91	10 Nov.*
Scherer, A., Mangatoki, N.Z. Hand seed-drill and cultivator ..	18742	15 Nov. ..	95	24 Nov.*
Schmidt, W. S. D., Auckland, N.Z. Protecting soles of boots and shoes ..	18639	18 Oct. ..	91	10 Nov.*
Schmitt, E. D., Brooklyn, U.S.A. (See Champion Seal Company, No. 18816.)				
Schnitzer, H., Dresden, Ger. Food-warmer ..	17422	30 Dec., 1903	83	13 Oct.
Scott, W., and another, Glasgow, Scot. Bakers' oven ..	18531	29 Sept. ..	91	10 Nov.
Searle, W. E., and another, Oamaru, N.Z. Vehicle-seat slides ..	18735	8 Nov. ..	95	24 Nov.*
Sears, F. W., Wellington, N.Z. Lithographic plate ..	17685	22 March ..	98	8 Dec.
Seifert, H., Invercargill, N.Z. Water scutching-attachment ..	17819	20 April ..	83	13 Oct.
Seifert, H., Invercargill, N.Z. Flax-milling machinery ..	18619	13 Oct. ..	91	10 Nov.
Sellars, W. J., Christchurch, N.Z. Skewers, &c., manufacture ..	17379	16 Dec., 1903	95	24 Nov.
Setchell, E. I., and another, Sydney, N.S.W. Electric belt ..	18694	31 Oct. ..	..	..
Shaw, C. H., Denver, U.S.A. (See F. L. Roudebush, No. 18827.)				
Shelton, F. J., Wellington, N.Z. Acetylene-generator ..	18462	19 Sept. ..	86	27 Oct.
Shoemaker, H., Jersey City, U.S.A. Wireless telegraphy ..	18731	10 Nov. ..	102	22 Dec.
Sibbit, J. M., Hawthorn, Vic. Roller for wire-gauze screen ..	18519	29 Sept. ..	91	10 Nov.*
Sim, W., Invercargill, N.Z. Oil-gas ..	18760	8 Nov. ..	95	24 Nov.*
Simmonds, J., Pukerau, N.Z. Reel wire-strainer ..	18790	23 Nov. ..	3	12 Jan., 1905.
Simmon Is, R., Coromandel, N.Z. Egg-carrier ..	18739	14 Nov. ..	95	24 Nov.*
Simpson, C. T., Balclutha, N.Z. Cow-bail ..	18908	31 Dec. ..	3	12 Jan., 1905.*
Simpson, D., Auckland, N.Z. Cleaning and polishing knives, &c. ..	18711	3 Nov. ..	95	24 Nov.*
Simpson, W. S., London, Eng. Propelling bicycles ..	18623	20 Oct. ..	95	24 Nov.
Sinclair, W., Stratford, N.Z. Draught-regulator ..	18763	18 Nov. ..	98	8 Dec.*
Skinner, J. R., Christchurch, N.Z. Cushion heel for boot ..	17402	22 Dec., 1903	86	27 Oct.
Small, J., Port Chalmers, N.Z. Water-tube boiler ..	18597	14 Oct. ..	91	10 Nov.*
Smart, A., jun., and another, Auckland, N.Z. Box for heating blankets, &c. ..	18653	21 Oct. ..	91	10 N v.*
Smethurst, E., Christchurch, N.Z. Controlling speed of screw-propelled ships ..	17606	1 March ..	102	22 Dec.
Smith, C. B., Dunedin, N.Z. Numbering and recording machine ..	18920	29 Dec. ..	..	..
Smith, E. D., and another, Gisborne, N.Z. Weed-eradicating composition ..	18678	29 Oct. ..	91	10 Nov.*
Smith, E. R., Buffalo, U.S.A. Shaft-bearings ..	18885	22 Dec. ..	6	26 Jan., 1905.
Smith, E. S., Timaru, N.Z. Securing stair-rods in position ..	18703	4 Nov. ..	..	..
Smith, H., and another, Blenheim, N.Z. Fire-escape ..	18560	5 Oct. ..	86	27 Oct.*
Smith, J. D., Dunedin, N.Z. Process for dressing flax ..	18565	5 Oct. ..	86	27 Oct.*
Smith, J. H., Bairnsdale, Vic. Gate-post "fall." (W. M. Alexander)	18469	22 Sept. ..	86	27 Oct.
Slowden, J., Northern Wairoa, N.Z. Bullock-bow key ..	17534	8 Feb. ..	98	8 Dec.
Soulas, C., Wanganui, N.Z. Telescope ..	17496	25 Jan. ..	95	24 Nov.
Spray, F., and another, Dunedin, N.Z. Hook-and-eye fastening ..	18568	7 Oct. ..	95	24 Nov.*
Sprey, E., and another, Dunedin, N.Z. Hook-and-eye fastening ..	18568	7 Oct. ..	95	24 Nov.*
Sprott, J., Chertsey, N.Z. Bird-trap ..	18706	5 Nov. ..	95	24 Nov.*
Starrett, D. W., San Francisco, U.S.A. Compressed-air pump ..	18698	3 Nov. ..	6	26 Jan., 1905.
Stedman, S. R., and another, Dunedin, N.Z. Rod for wheel ..	17099	10 Oct., 1903	91	10 Nov.
Stedman, S. R., and another, Dunedin, N.Z. Milk-strainer ..	18871	16 Dec. ..	102	22 Dec.*
Stephens, P. A. S., Ashbuton, N.Z. Boot-cleaning machine ..	18761	14 Nov. ..	98	8 Dec.*
Stevenson, G., Woolston, N.Z. Mop-wringer for bucket ..	18889	23 Dec. ..	3	12 Jan., 1905.*
Stevenson, G. S., and another, Gore, N.Z. Key for screwing nuts and bolts ..	18801	29 Nov. ..	..	..
Stevenson, G. S., Gore, N.Z. Cork-seal ..	18534	30 Sept. ..	86	27 Oct.*
Stevenson, G. S., Gore, N.Z. Furniture drawers ..	18533	30 Sept. ..	86	27 Oct.*
Stewart, W., and another, Edinburgh, Scot. (See T. C. Jenkins and W. T. Mack, No. 18839.)				
Stowell, F., St. Andrews, N.Z. Sash-fastener ..	18589	10 Oct. ..	91	10 Nov.*
Strain, A., Belfast, Ireland. Utilising the resistance of motion ..	18683	1 Nov. ..	95	24 Nov.*
Strain, J. J., Christchurch, N.Z. Gas-stove ..	18828	3 Dec. ..	3	12 Jan., 1905.
Sutherland, D. G., Linwood, N.Z. Tobacco-cutter ..	18851	12 Dec. ..	102	22 Dec.*
Sutherland, G. G., and another, Hawera, N.Z. Moustache-guard for spoons ..	17559	23 Feb. ..	102	22 Dec.
Suttie, C., and another, Onehunga, N.Z. Flax-treatment ..	18917	31 Dec. ..	6	26 Jan., 1905.*
Swanson, P. S., and another, Invercargill, N.Z. Air-engine ..	18904	29 Dec. ..	3	12 Jan. 1905.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Swyny, E. J., and another, Balmain, N.S.W. Ore separator and classifier	18584	13 Oct. ..	91	10 Nov. ²
Swyny, E. J., and another, Balmain, N.S.W. Vibrating-trough for concentrating metalliferous materials	18585	13 Oct. ..	91	10 Nov.
Swyny, E. J., and another, Balmain, N.S.W. Extracting mineral particles from slimes and tailings	18586	13 Oct. ..	91	10 Nov.
Symes, H., Harrietville, Vic. Elevating alluvial earths, &c. ..	18605	14 Oct. ..	91	10 Nov.
Tait, A. L. J., Richmond, Vic. Treating and dressing flax ..	18601	17 Oct. ..	86	27 Oct.*
Taylor, A., Dunedin, N.Z. Cistern ..	18676	26 Oct. ..	91	10 Nov.*
Taylor, C. M., Philadelphia, U.S.A. (See Ex Phillips, No. 18630.)				
Templeton, W. J., Dunkeld, Vic. Roofing-nail ..	18814	1 Dec. ..	..	..
Terry, W. H., Addington, N.Z. Window-sash ..	18616	18 Oct. ..	91	10 Nov.*
Thomas, R., and another, Waitara, N.Z. Fencing-post ..	18331	15 Aug. ..	86	27 Oct.
Thomas, R. F., and another, Melbourne, Vic. Fruit-case ..	18715	10 Nov. ..	98	8 Dec.*
Thompson, C. E., and another, Lower Moutere, N.Z. Wire-strainer ..	18544	4 Oct. ..	..	..
Thomson, J., Invercargill, N.Z. Vehicle-wheel tire ..	18791	24 Nov. ..	98	8 Dec.*
Thwaites, E. J., Melbourne, Vic. Valve for automatic piano-player ..	18581	13 Oct. ..	86	27 Oct.*
Tinkham, A. H., Masterton, N.Z. Ear-punch ..	18685	2 Nov. ..	95	24 Nov.
Tolman, J. S., and another, Hobart, Tas. Coin-freed franking-machine	17386	17 Dec., 1903	86	27 Oct.
Toner, J. H., Waitahuna, N.Z. Vehicle-seat ..	18780	19 Nov. ..	98	8 Dec.*
Torrance, R. C., and another, Dunedin, N.Z. Ball-testing appliance for bias	18609	15 Oct. ..	91	10 Nov.*
Townsend, W. R. J., Wellington, N.Z. Applying electric light to pianos	18553	5 Oct. ..	86	27 Oct.*
Toxward, W. E., and another, Palmerston North, N.Z. Milk-stirrer ..	18768	19 Nov. ..	98	8 Dec.*
Tracy, N. L. R., Sydney, N.S.W. Invisible lacing for garments. (A. R. Colton)	18811	28 Nov. ..	98	8 Dec.*
Trembath, W., Gore, N.Z. Animal-cover ..	17667	16 March ..	102	22 Dec.
Turnbull, J. H. T., Auckland, N.Z. Fire-lighter ..	18738	8 Nov. ..	95	24 Nov.*
Turri, G. G. Melbourne, Vic. Safety-pin. (The Twin Safety-pin Company—A. Buckelew)	18852	13 Dec. ..	3	12 Jan., 19
Twin Safety-pin Company, The, San Francisco, U.S.A. (See G. G. Turri, No. 18852.)				
Twomey, J. M., Temuka, N.Z. Newspaper-folding machine ..	18552	5 Oct. ..	86	27 Oct.*
United Shoe Machinery Company, Paterson, U.S.A. Nailing-machine. (J. H. Brown)	18625	20 Oct. ..	95	24 Nov.
United Shoe Machinery Company, Paterson, U.S.A. Pounding-up machine. (R. F. McFeeley)	18626	20 Oct. ..	91	10 Nov.*
United Shoe Machinery Company, Paterson, U.S.A. Sole laying and levelling machine. (E. E. Winkley)	18690	3 Nov. ..	91	10 Nov.*
United Shoe Machinery Company, Paterson, U.S.A. Welt-operating machine. (J. B. Hadaway)	18691	3 Nov. ..	91	10 Nov.*
United Shoe Machinery Company, Paterson, U.S.A. Trimming and concaving heels. (B. F. Mayo)	18751	16 Nov. ..	95	24 Nov.*
United Shoe Machinery Company, Paterson, U.S.A. Nail-driving machine. (W. R. Barclay and A. Bates)	18752	16 Nov. ..	95	24 Nov.*
United Shoe Machinery Company, Paterson, U.S.A. Buffing-rolls. (W. Gordon.)	17453	12 Jan. ..	86	27 Oct.
Vaughan, D. G., Borung, Vic. (See O. T. Wills, No. 18840.)				
Vucetich, G., Chertsey, N.Z. (See P. and D. Duncan, Limited, No. 18571.)				
Waddle, C., and another, Dunedin, N.Z. Game ..	17478	15 Jan. ..	98	8 Dec.
Wagstaff, E. E., Melbourne, Vic. Lamp-burner ..	18797	25 Nov. ..	102	22 Dec.
Wagstaff, E. E., Melbourne, Vic. Lamp-burner ..	18798	25 Nov. ..	102	22 Dec.
Wagstaff, E. E., Melbourne, Vic. Thimble for lamp-burner ..	18799	25 Nov. ..	102	22 Dec.
Wales, R., Dunedin, N.Z. Coin-controlled machine ..	18251	28 July ..	102	22 Dec.
Walker, T., Levin, N.Z. Hoe ..	18842	7 Dec. ..	102	22 Dec.*
Walker, W. E., South Dunedin, N.Z. Ventilating-window ..	18644	19 Oct. ..	91	10 Nov.*
Walters, H., and another, Sydney, N.S.W. Anti-fouling and anti-corrosive composition	18637	18 Oct. ..	95	24 Nov.
Ward, H., Dunedin, N.Z. Scraping-attachment for brushes ..	18397	31 Aug. ..	91	10 Nov.
Ward, J. J., Wairau, N.Z. Tightening wire fences ..	18785	24 Nov. ..	98	8 Dec.*
Warry, J., and another, Birmingham, Eng. Incandescent gaslight ..	18737	18 July†	95	24 Nov.*
Waters, J. B., Dunedin, N.Z. Egg-tester ..	18658	24 Oct. ..	91	10 Nov.*
Watson, W. C., and another, Sydney, N.S.W. Electric belt ..	18694	31 Oct. ..	..	..
Watts, R. E., and another, Stamford, Eng. Swath-turner ..	18804	29 Nov. ..	102	22 Dec.
Way, R. F., and another, Auckland, N.Z. Woven-wire mattress ..	18454	15 Sept. ..	86	27 Oct.*
Welch, W. H. I., London, Eng. (See The Lamp Manufacturing Company, Limited, No. 18861.)				
Wetenhall, W., and others, Melbourne, Vic. Harness-saddle ..	18894	29 Dec. ..	3	12 Jan., 1905.*
Whisker, N. H., and another, Auckland, N.Z. Box for heating blankets, &c.	18653	21 Oct. ..	91	10 Nov.*
White, S., and another, Dunedin, N.Z. Game ..	17478	15 Jan. ..	98	8 Dec.
White, W., and others, Auckland, N.Z. Boot sole and upper ..	18779	19 Nov. ..	98	8 Dec.*
White, W. A., Hunua South, N.Z. Boat-paddle apparatus ..	18665	25 Oct. ..	..	..
Whitehouse, S. G., London, Eng. Wheeled vehicle ..	18429	2 Sept. ..	91	10 Nov.
Whitelaw, H. J., Palmerston North, N.Z. Clothes-peg ..	17581	27 Feb. ..	102	22 Dec.
Whitney, W. R., New York, U.S.A. Filament and method of manufacture	18503	28 Sept. ..	86	27 Oct.
Wiggins, W., and another, Greytown, N.Z. Coiling and uncoiling fencing-wire	18876	20 Dec. ..	..	..
Wigley, P., and another, Birmingham, Eng. Incandescent gaslight ..	18737	18 July†	95	24 Nov.*

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Wilkinson, F., Petone, N.Z. Spouting-bracket	18704	5 Nov. ..	95	24 Nov.*
Williams, A. G. R., Cambridge, N.Z. Basting-apparatus	18855	14 Dec. ..	6	26 Jan., 1905.
Williams, D. J., Waimangaroa Junction. Flax cleaner and conveyor ..	18877	20 Dec. ..	6	26 Jan., 1905.*
Williams, W., Mount Gambier, S.A. Chaff-cutter	18745	15 Nov. ..	98	8 Dec.
Wills, O. T., Borung, Vic. Folding crate. (D. G. Vaughan) ..	18840	6 Dec. ..	102	22 Dec.*
Wilson, A. C., and another, Christchurch, N.Z. Separating wild oats from other grain	18833	3 Dec. ..	102	22 Dec.*
Wilson, J. F., Invercargill. Friction-clutch	18764	18 Nov. ..	98	8 Dec.*
Wilson, N., and another, Auckland, N.Z. Chair-seat	17647	10 March ..	95	24 Nov.
Window-glass Machine Company, Pittsburg, U.S.A. Sheet-glass manufacture. (J. H. Lubbers)	18837	2 Dec. ..	3	12 Jan., 1905.
Winkley, E. E., Lynn, U.S.A. (See United Shoe Machinery Company, No. 18690.)				
Winslow, S. W., Beverley, U.S.A. Buffing-machine. (Naumkeag Buffing Machine Association—A. W. Rogers)	18689	3 Nov. ..	91	10 Nov.*
Wiseman, J., Auckland, N.Z. Sash-lock	17293	26 Nov., 1903	102	22 Dec.
Woltereck, H. C., London, Eng. Hydrocyanic acid, Process and production of	18803	29 Nov. ..	102	22 Dec.
Woltereck, H. C., London, Eng. Process of producing ammonia ..	18506	28 Sept. ..	86	27 Oct.
Woodford, C., Sydney, N.S.W. Disinfecting, &c., vessel for flushing cistern	18809	1 Dec. ..	98	8 Dec.*
Woodhead, A. E., and another, Upper Fern-tree Gully, Vic. Diggers' boot-shield	18582	13 Oct. ..	86	27 Oct.*
Woods, M., and another, Carlton, Vic. Dressing surface of rails ..	18537	30 Sept. ..	91	10 Nov.
Worsley, M. I., and another, Auckland, N.Z. Chair-seat	17647	10 March ..	95	24 Nov.
Wright, W. S., Christchurch, N.Z. Carburetter for kerosene ..	18847	6 Dec. ..	102	22 Dec.*
Wrigley, J. W., Rotorua, N.Z. Fixing sheets of corrugated-iron roofing	18654	25 Oct. ..	95	24 Nov.
Wynne, W. P., and another, Ballarat, Vic. Furnace for refractory ores	18838	6 Dec. ..	102	22 Dec.*
Wynyard, M. H., and another, Onehunga, N.Z. Flax-treatment ..	18917	31 Dec. ..	6	26 Jan., 1905.*
Yager, H., Fitzroy, Vic. Boot	18470	22 Sept. ..	86	27 Oct.
Young, J. W., and others, Grantham, Eng. Internal-combustion engine	18633	20 Oct. ..	95	24 Nov.
Ziele, C. W., Christchurch, N.Z. Shirt-cuff protector	18677	28 Oct. ..	95	24 Nov.*

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 31ST DECEMBER, 1904.

* 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	J. S. Palmer	18522	30 Sept. ..	86	27 Oct.*
Acetylene-generator	F. J. Shelton	18462	19 Sept. ..	86	27 Oct.
Acetylene-generator	R. L. H. Murray	18710	2 Nov. ..	6	26 Jan., 1905.
Advertising-device and time-table	W. J. Rae	18749	16 Nov. ..	..	..
Advertising-medium and reflecting-apparatus	R. L. H. Murray	18600	13 Oct. ..	..	..
Aerator, Milk-	R. J. Moore	17514	4 Feb. ..	98	8 Dec.
Agitator for spray-pump	A. Billens	18659	25 Oct. ..	95	24 Nov.
Air-engine	W. S. Robinson and P. S. Swanson	18904	29 Dec. ..	3	12 Jan., 1905.*
Air-pump, Compressed, ...	D. W. Starrett	18698	3 Nov. ..	6	26 Jan., 1905.
Alarm. (See Fire-alarm.)					
Ambulance-lifter	J. Mackay and F. W. Hamilton ..	16927	21 Oct. ..	86	27 Oct.
Ammonia, Process of producing	H. C. Woltereck	18506	28 Sept. ..	86	27 Oct.
Amusement, Table-	C. H. Waddle and S. White ..	17478	15 Jan. ..	98	8 Dec.
Anti-fouling and anti-corrosive composition	H. Walters and J. A. Appleton ..	18637	18 Oct. ..	95	24 Nov.
Anti-rattler for windows	T. Cannon	18841	7 Dec. ..	102	22 Dec.*
Arching work, Centres for	P. Cairns	18650	22 Oct. ..	91	10 Nov.*
Arc lamp, Electric	H. Beck	18512	28 Sept. ..	91	10 Nov.
Arrival and departure indicator, Train ..	H. Ashworth	18762	18 Nov. ..	98	8 Dec.*
Artificial-stone and brick manufacturing ..	L. F. Kwiatkowski	18815	1 Dec. ..	..	12 Jan., 1905.
Artillery shooting, Range-finder for	R. H. Owen	18670	28 Oct. ..	91	10 Nov.*
Ashpan	S. W. Robson and B. Goudie ..	18812	1 Dec. ..	98	8 Dec.*
Axe-handle	H. Harding	18892	24 Dec. ..	3	12 Jan., 1905.*
Bacon-curing mixture	D. McCallum	18733	11 Nov. ..	95	24 Nov.*
Bail. (See Cow-bail.)					
Bakers' oven	M. Richard and W. Scott ..	18531	29 Sept. ..	91	10 Nov.
Bakers' peel, Attaching handle to	J. C. Legg	18668	28 Oct. ..	91	10 Nov.*
Bakers' peel, Attaching handle to	J. C. Legg	18829	3 Dec. ..	..	..
Ball-testing appliance	R. C. Torrance and J. Cowie ..	18609	15 Oct. ..	91	10 Nov.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Barrels, Machine for rounding, &c.	J. Russell	18603	17 Oct. ..	86	27 Oct.*
Basting-apparatus	A. G. R. Williams	18855	14 Dec. ..	6	26 Jan., 1905.
Bath-heater	J. D. Jackson	18686	3 Nov. ..	91	10 Nov.*
Bath-heater, Gas-burner for	J. D. Jackson	18687	3 Nov. ..	91	10 Nov.*
Bath. (See Eye-bath.)					
Bearings. (See Shaft-bearings.)					
Bedstead, Metallic	B. C. Barton	17465	13 Jan. ..	86	27 Oct.
Beer-engine	J. D. Jackson	18902	29 Dec. ..	3	12 Jan., 1905.*
Beer-manufacture	L. Nathan	18679	1 Nov. ..	98	8 Dec.
Belt-conveyor	J. J. Ridgway	18648	22 Oct. ..	95	24 Nov.
Belt-fastener	N. Rasmussen	18356	23 Aug. ..	91	10 Nov.
Belt. (See also Electric belt.)					
Bias, Ball-testing appliance for	R. C. Torrance and J. Cowie	18609	15 Oct. ..	91	10 Nov.*
Bicycle-lock	G. H. Fry	18684	1 Nov. ..	95	24 Nov.
Bicycle, Propelling-apparatus for	W. S. Simpson	18623	20 Oct. ..	95	24 Nov.
Bicycle-stand	T. W. Potts	18607	18 Oct. ..	91	10 Nov.
Bicycle. (See also Cycle.)					
Billiard-table	H. U. Alcock	18517	24 Sept. ..	91	10 Nov.
Billiard-table	G. A. Elliss and P. J. McGuire	18663	27 Oct. ..	..	..
Billy-can	M. Aldis	18669	28 Oct. ..	91	10 Nov.*
Bin for dry goods	J. Minchin	18796	23 Nov. ..	102	22 Dec.
Binder for wire fence	T. W. Coulthard	18655	25 Oct. ..	..	..
Binder-twine	A. and W. Ross	18642	21 Oct. ..	95	24 Nov.
Bird-trap	H. H. Nicholson	18821	1 Dec. ..	98	8 Dec.*
Bird-trap	J. Sprott	18706	5 Nov. ..	95	24 Nov.*
Bit and bridle for racehorse	T. B. O'Connor	18736	8 Nov. ..	98	8 Dec.
Blackboard	J. H. Fuller	18792	23 Nov. ..	98	8 Dec.*
Blank-book manufacture	R. Clark	18805	29 Nov. ..	..	..
Blight-eradicator	W. S. Campbell	18765	14 Nov. ..	98	8 Dec.*
Blind-fitting	H. A. Atkinson	18772	19 Nov. ..	3	12 Jan., 1905.*
Block. (See Building-block, Printing-block, Snatch-block.)					
Blouse and skirt support	M. Bacon	18776	17 Nov. ..	3	12 Jan., 1905.
Blower for furnace	H. T. Jones and J. P. Ludeman	18883	22 Dec. ..	..	..
Board. (See Moulding-board, Scraping-board, Weather-board.)					
Boat-paddle apparatus	W. A. White	18665	25 Oct. ..	..	..
Bogie	C. E. Bernays	18464	20 Sept. ..	86	27 Oct.
Boiler. (See Washing-boiler, Water-tube boiler.)					
Bolster-adjuster	W. P. Daly	17442	7 Dec., 1903	83	13 Oct.
Book. (See Account-book, Blank book.)					
Boot-fastener	T. A. and J. Flynn	18822	2 Dec. ..	3	12 Jan., 1905.
Boot-heel	J. B. McCubbin	18903	29 Dec. ..	6	26 Jan., 1905.
Boot or shoe	H. Yager	18470	22 Sept. ..	86	27 Oct.
Boot-polishing machine	P. A. S. Stephens	18761	14 Nov. ..	98	8 Dec.*
Boot-shield	F. J. Glass and A. E. Woodhead	18582	13 Oct. ..	86	27 Oct.*
Boot sole or sock	T. Mercer	18635	20 Oct. ..	91	10 Nov.*
Boot-sole	W. M. Pritchard and J. S. Boyle	18649	19 Oct. ..	91	10 Nov.
Boot sole and upper	W. M. Pritchard, J. S. Boyle, and W. White	18779	19 Nov. ..	98	8 Dec.*
Boot-sole protector	W. S. D. Schmidt	18639	18 Oct. ..	91	10 Nov.*
Boot or shoe heel	J. R. Skinner	17402	22 Dec., 1903	86	27 Oct.
Bottle	T. E. O'Brien	17157	29 Oct., 1903	86	27 Oct.
Bottle. (See also Feeding-bottle.)					
Bottle seal and stopper	Champion Seal Company	18816	1 Dec. ..	..	..
Bottle-stopper, measure, and eye-bath	G. W. Darvall	18602	17 Oct. ..	91	10 Nov.*
Bottling liquids	The Crown Corporation, Limited	18579	13 Oct. ..	3	12 Jan., 1905.
Bowl-tester	H. A. de Lautour	18741	10 Nov. ..	95	24 Nov.*
Bowl-testing table, Method of preparing surfaces of	H. U. Alcock	18525	1 Oct. ..	102	22 Dec.
Box. (See Butter-box, Feed-box, Match-box, Sluice-box.)					
Box	A. H. Krause	18881	19 Dec. ..	6	26 Jan., 1905,*
Box	A. Prior	18278	2 Aug. ..	86	27 Oct.
Box for heating blankets, &c.	N. H. Whisker and A. Smart, jun.	18653	21 Oct. ..	91	10 Nov.*
Bracket. (See Spouting-bracket.)					
Brake, Railway	F. W. Gasmier	18501	28 Sept. ..	86	27 Oct.
Branding-device	W. McKeegan	18863	15 Dec. ..	102	22 Dec.*
Branding-device	M. Belk	18672	27 Oct. ..	..	..
Breeching	R. D. Kelly	18773	21 Nov. ..	98	8 Dec.*
Breeching-strap, Attaching, to vehicle	J. Brake	17629	7 March ..	95	24 Nov.
Bread	J. C. Legg	18870	17 Dec. ..	..	..
Bread-making	E. S. Baldwin and H. H. Rayward	18806	29 Nov. ..	..	..
Brewing beer	L. Nathan	18679	1 Nov. ..	98	8 Dec.
Brick-making machine	J. W. and G. W. Ferguson	18671	25 Oct. ..	98	8 Dec.
Brick-making machine	J. W. and G. W. Ferguson	18800	25 Nov. ..	98	8 Dec.*
Brick-making	L. F. Kwiatkowski	18815	1 Dec. ..	3	12 Jan., 1905.
Bridle	T. H. Brown	17410	24 Dec., 1903	86	27 Oct.
Bridle and bit	T. B. O'Connor	18736	8 Nov. ..	98	8 Dec.
Briquettes. (See Ironsand briquettes.)					
Broom	F. W. Maddox	18713	8 Nov. ..	95	24 Nov.*
Brush. (See Shaving-brush.)					

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Brush, Scraping-attachment for ..	H. Ward	18397	31 Aug. ..	91	10 Nov.
Bucket, Dredge-	H. R. Butterworth	18895	29 Dec. ..	3	12 Jan., 1905.*
Bucket, Mop-wringer attachment to ..	G. Stevenson	18889	23 Dec. ..	3	12 Jan., 1905.*
Bucket, Mop-wringing attachment to ..	J. Herrick	18716	10 Nov. ..	98	8 Dec.*
Buffing-machine	S. W. Winslow	18689	3 Nov. ..	91	10 Nov.*
Buffing-roll	United Shoe Machinery Company	17453	12 Jan. ..	86	27 Oct.
Building-appliance	R. Cosslett	18778	19 Nov. ..	102	22 Dec.*
Building-block	N. Nielsen	18666	28 Oct. ..	91	10 Nov.*
Building-block, Compound for production of ..	S. Ford and J. S. Freeman ..	18526	1 Oct. ..	86	27 Oct.*
Bullock-bow key	J. Snowden	17534	8 Feb. ..	98	8 Dec.
Burner. (See Gas-burner, Incandescent gas-burner, Lamp-burner, Liquid-fuel burner, Petroleum-burner.)					
Butter-box	J. Hancock and E. G. Abell ..	18516	24 Sept. ..	102	22 Dec.
Butter-cutter	L. Bender	18467	21 Sept. ..	86	27 Oct.
Butter-packing apparatus	J. M. Hussey	18858	14 Dec. ..	3	12 Jan., 1905.
Butter-worker and churn	F. Richardson and F. Markey ..	18857	14 Dec. ..	..	..
Calendar	R. M. McLennan	18906	29 Dec. ..	6	26 Jan., 1905.
Camera	W. J. Johnston	18783	24 Nov. ..	102	22 Dec.
Can. (See Billy-can, Cream-can, Milk-can, Preserve-can.)					
Candle-protector	G. Mahlstedt	18848	8 Dec. ..	..	..
Carburetter for kerosene	W. S. Wright	18847	6 Dec. ..	102	22 Dec.*
Car. (See Electric car, Railway car.)					
Carrier. (See Egg-carrier, Fruit-carrier, Parcel-carrier.)					
Case. (See Fruit-case, Packing-case.)					
Cash-register	E. G. Fletcher	18611	19 Oct. ..	95	24 Nov.
Casks, Machine for rounding, &c. ..	J. Russell	18603	17 Oct. ..	86	27 Oct.*
Castrating-instrument	T. Heath	17378	16 Dec., 1903	83	13 Oct.
Castrating-instrument	J. Dignan	18767	17 Nov. ..	98	8 Dec.*
Castrating-instrument	J. B. Grant	18615	19 Oct. ..	..	..
Cement-manufacture	R. Liebold	18849	9 Dec. ..	..	..
Centre for invert work	P. Cairns	18650	22 Oct. ..	91	10 Nov.*
Chaff-cutter	W. Williams	18745	15 Nov. ..	98	8 Dec.
Chair-seat	N. Wilson, jun. and M. I. Worsley	17647	10 March ..	95	24 March.
Chair, Deck-	A. H. Krause	18882	19 Dec. ..	6	26 Jan., 1905.*
Cheese-making apparatus	J. Harding	18612	19 Oct. ..	95	24 Nov.
Cheese-press, Pressure appliance for ..	J. Anderson	18651	20 Oct. ..	95	24 Nov.
Churn	H. J. Baker	18554	6 Oct. ..	86	27 Oct.*
Churn and butter-worker	F. Richardson and F. Markey ..	18857	14 Dec. ..	..	..
Cigar and cigarette holder, Mouthpiece for	C. Peterson	17838	27 April ..	91	10 Nov.
Cistern	A. Taylor	18676	26 Oct. ..	91	10 Nov.*
Cistern. (See also Deodorizing-cistern, Flushing-cistern.)					
Clamp for wire rope	A. E. Gill	18893	24 Dec. ..	6	26 Jan., 1905.
Cleaner, Knife and fork	D. Simpson	18711	3 Nov. ..	95	24 Nov.*
Closet. (See Water-closet.)					
Clothes-peg	H. J. Whitelaw	17581	27 Feb. ..	102	22 Dec.
Clothes-strainer, &c.	P. Davis	18621	20 Oct. ..	95	24 Nov.
Coat-hanger	H. A. Collins	18539	4 Oct. ..	91	10 Nov.
Coat and trouser hanger	C. Lashlie	18756	16 Nov. ..	95	24 Nov.*
Coiler, Wire-	J. F. Ross and W. Wiggins ..	18876	20 Dec. ..	..	..
Coin-controlled machine	R. Wales	18251	28 July ..	102	22 Dec.
Coin-freed franking and stamping machine	C. E. Gray and J. S. Tolman ..	17386	17 Dec., 1903	86	27 Oct.
Collar and hames	S. J. Emery	18622	20 Oct. ..	91	10 Nov.*
Compressed-air pump	D. W. Starrett	18698	3 Nov. ..	6	26 Jan., 1905.
Concentrator-trough	E. J. Swyny and S. G. Plucknett	18585	13 Oct. ..	91	10 Nov.
Consumption cure	J. Pugh	18697	3 Nov. ..	95	24 Nov.*
Controller, Ship-	E. Smethurst	17606	1 March ..	102	22 Dec.
Cooking-stove, Gas-burner for	J. D. Jackson	18687	3 Nov. ..	91	10 Nov.*
Cooler, Milk-	C. J. Honore	18753	16 Nov. ..	98	8 Dec.
Cork-retainer for bottles	J. A. Gaynor	18709	4 Nov. ..	95	24 Nov.*
Cork-seal	G. S. Stevenson	18534	30 Sept. ..	86	27 Oct.*
Cotton-picking machine	G. A. Lowry	18743	15 Nov. ..	98	8 Dec.
Couch	W. Hoyland	17512	4 Feb. ..	98	8 Dec.
Coupling. (See Hose-coupling.)					
Cover of preserving-tin, Securing ..	Christchurch Meat Company, Limited	18456	16 Sept. ..	91	10 Nov.*
Cover. (See Cream-can cover Horse-cover, Tire-cover.)					
Cow-bail	C. T. Simpson	18908	31 Dec. ..	3	12 Jan., 1905.*
Cow-bail	F. J. Brown	18867	16 Dec. ..	102	22 Dec.*
Cow-milker	F. Ljungström	17489	20 Jan. ..	91	10 Nov.
Cramp. (See Match-lining cramp.)					
Crate. (See Folding crate.)					
Cream-can cover	J. Hedley	18746	15 Nov. ..	98	8 Dec.
Cream product and manufacture	E. Phillips	18630	20 Oct. ..	..	..
Cream-testing flask	A. L. Horniman and A. Dawson..	18819	1 Dec. ..	3	12 Jan., 1905.
Cricket. (See Table-cricket.)					
Cricket-stumps	A. Bridge	18485	22 Sept. ..	86	27 Oct.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Cuff-protector	C. W. Ziele	18677	28 Oct. ..	95	24 Nov.*
Culinary utensil	F. E. Hornidge	18712	8 Nov. ..	98	8 Dec.
Cultivator	W. B. Jones	18705	7 Nov. ..	95	24 Nov.*
Cup. (See Teat-cup.)					
Curing-mixture for food	D. McCallum	18733	11 Nov. ..	95	24 Nov.*
Current-collector	W. Griffiths and B. H. Bedell	18723	10 Nov. ..	98	8 Dec.
Curtain-hook	T. Hemming and J. Lock	18574	6 Oct. ..	86	27 Oct.*
Curtain-poles	A. Marr	18758	14 Nov. ..	..	..
Curtain-suspender	G. Barnes	18820	1 Dec. ..	3	12 Jan., 1905.*
Cushion heel for boots	J. R. Skinner	17402	22 Dec., 1903	86	27 Oct.
Cutter. (See Butter-cutter, Chaff-cutter, Tobacco-cutter, Twitch-cutter, Weed-cutter.)					
Cyanide ore-extraction solutions, Recovering gold, &c., from	F. A. Rich	18638	18 Oct. ..	95	24 Nov.
Cycle-motor	M. Ruddy	18802	29 Nov. ..	98	8 Dec.*
Cycle. (See also Bicycle.)					
Deck-chair	A. H. Krause	18882	19 Dec. ..	6	26 Jan., 1905.*
Deodorizing-cistern	C. Woodford	18809	1 Dec. ..	98	8 Dec.*
Departure and arrival indicator, Train	H. Ashworth	18762	18 Nov. ..	98	8 Dec.*
Die for cake-tins, &c.	G. H. Clapham and J. L. Barlow	17595	1 March ..	102	22 Dec.
Digger, Potato	J. G. Dennison	18774	21 Nov. ..	98	8 Dec.*
Disinfectant, Fluid	C. Woodford	18809	1 Dec. ..	98	8 Dec.*
Disc ridger	F. Cooper	18660	25 Oct. ..	91	10 Nov.*
Docking and ear-marking instrument	J. Dignan	18767	17 Nov. ..	98	8 Dec.*
Door, Operating lift	W. F. Johns	18613	19 Oct. ..	91	10 Nov.*
Door-lock	A. G. Baker	17965	26 May ..	102	22 Dec.
Drawers, Furniture	G. S. Stevenson	18533	30 Sept. ..	86	27 Oct.*
Draught-regulator for grate	B. J. Mouat	18515	24 Sept. ..	91	10 Nov.
Draught-regulator	W. Sinclair	18763	18 Nov. ..	98	8 Dec.*
Dredge-bucket	H. R. Butterworth	18895	22 Dec. ..	3	12 Jan., 1905.*
Dredge-ladder attachment	W. Nisbet	18873	19 Dec. ..	102	22 Dec.*
Drill. (See Maize-drill, Rock-drill.)					
Drying clothes, Machine for washing and	P. M. Newton	18755	14 Nov. ..	98	8 Dec.
Drying Milk	A. Falkner	18551	5 Oct. ..	86	27 Oct.*
Ear-marking instrument	J. Dignan	18767	17 Nov. ..	98	8 Dec.*
Ear-punch	A. H. Tinkham	18685	2 Nov. ..	95	24 Nov.
Earth-elevator	H. Symes	18605	14 Oct. ..	91	10 Nov.
Earthenware goods, Flanging	R. O. Clark, jun.	18898	23 Dec. ..	3	12 Jan., 1905.*
Earthenware pipes, Flanging	R. O. Clark, jun.	17182	30 Oct. 1903	86	27 Oct.
Egg-carrier	E. L. Robertson	18907	30 Dec. ..	3	12 Jan., 1905.*
Egg-carrier	F. G. Norton	18570	7 Oct. ..	86	27 Oct.*
Egg-carrier	G. Finn and A. S. Pike	18795	28 Nov. ..	102	22 Dec.
Egg-carrier	G. Finn and A. S. Pike	18680	1 Nov. ..	91	10 Nov.*
Egg-carrier	J. G. Dawson	18382	27 Aug. ..	95	24 Nov.
Egg-carrier	R. Simmonds	18739	14 Nov. ..	95	24 Nov.*
Egg-preserving process	H. E. McDonald	18702	4 Nov. ..	95	24 Nov.*
Egg-tester	J. B. Waters	18658	24 Oct. ..	91	10 Nov.*
Eggs for transport, Packing	A. and F. J. Lawrence	17273	19 Nov., 1903	83	13 Oct.
Electric arc lamp	H. Beck	18512	28 Sept. ..	91	10 Nov.
Electric belt	J. W. Fowler	18888	23 Dec. ..	..	..
Electric belt	W. C. Watson and E. I. Setchell	18694	31 Oct. ..	..	..
Electric cars, Illuminating trolley-wheel of	W. H. Ludford	18540	4 Oct. ..	86	27 Oct.*
Electric light, Applying, to pianos, &c.	W. R. J. Townsend	18553	5 Oct. ..	86	27 Oct.*
Electric switch	W. Kingsland	18856	14 Dec. ..	3	12 Jan., 1905.
Electric traction, Current-collector for	W. Griffiths and B. H. Bedell	18723	10 Nov. ..	98	8 Dec.
Electric traction, Trolley-pole for	J. W. Rooney	18786	24 Nov. ..	98	8 Dec.*
Elevator and deliverer	G. Armstrong	18775	21 Nov. ..	102	22 Dec.
Elevator, Safety appliance for	W. P. Conolly	18511	29 Sept. ..	91	10 Nov.
Elevator. (See also Earth-elevator.)					
Engine. (See Air-engine, Internal-combustion engine, Rock-drilling engine, Rotary turbine-engine, Traction-engine.)					
Envelope	D. Robertson	18558	3 Oct. ..	86	27 Oct.*
Envelope	D. Robertson	18708	4 Nov. ..	95	24 Nov.*
Envelope	D. Robertson	18836	3 Dec. ..	102	22 Dec.*
Envelope and memo-forms	J. Collins	18627	20 Oct. ..	91	10 Nov.*
Escape. (See Fire-escape)					
Excavating and elevating wash-dirt	A. McKay	18750	16 Nov. ..	95	24 Nov.*
Extinguisher. (See Fire-extinguisher, Gas lighter and extinguisher.)					
Eye-bath, bottle-stopper, and measure	G. W. Darvall	18602	17 Oct. ..	91	10 Nov.*
Fastener. (See Belt-fastener, Boot-fastener, Leg-fastener, Sash-fastener.)					
Fastening. (See Hook-and-eye fastening.)					
"Falls," Gate-post	J. H. Smith and W. M. Alexander	18469	22 Sept. ..	86	27 Oct.
Fatty wood, Treating, for the production of paper	W. Hoskins	18500	28 Sept. ..	86	27 Oct.
Faucet	J. Fisher, jun.	18580	13 Oct. ..	86	27 Oct.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Feed reservoir and box for horses ..	J. A. Easton ..	17398	18 Dec., 1903	91	10 Nov.
Feeding-bottle protector ..	J. Ellen ..	18900	29 Dec. ..	3	12 Jan., 1905.*
Fencing-dropper ..	C. E. H. Allen ..	18700	3 Nov. ..	..	..
Fencing-post ..	R. Thomas and G. Hall ..	18331	15 Aug. ..	86	27 Oct.
Fencing-standard. Preventing sinking of ..	A. Dale ..	18810	26 Nov. ..	98	8 Dec.*
Fencing-staple ..	G. Chewings ..	17501	29 Jan. ..	91	10 Nov.
Fencing-staple ..	A. J. Malcolm ..	18789	23 Nov. ..	3	12 Jan., 1905.*
Fencing-strainer ..	J. J. Ward ..	18785	24 Nov. ..	98	8 Dec.*
Filaments, Manufacturing ..	W. R. Whitney ..	18503	28 Sept. ..	86	27 Oct.
Filter. (See Slimes-filter.)					
Fire-alarm ..	J. Gallagher ..	17996	4 June ..	102	22 Dec.
Fire-bridge ..	C. J. Johnson and J. Carlaw ..	18865	14 Dec. ..	102	22 Dec.*
Fire-escape ..	H. Smith and L. Homes ..	18560	5 Oct. ..	86	27 Oct.*
Fire-extinguisher ..	J. G. Grimsley ..	18632	20 Oct. ..	95	24 Nov.
Fire-lighter ..	J. H. T. Turnbull ..	18738	8 Nov. ..	95	24 Nov.*
Fire-proof structures ..	W. W. Bruce ..	18740	8 Nov. ..	102	22 Dec.
Flanging-machine for earthenware ..	R. O. Clark, jun. ..	18898	23 Dec. ..	3	12 Jan., 1905.*
Flanging sanitary pipes ..	L. Clark ..	17105	13 Oct. ..	86	27 Oct.*
Flask. (See Cream-testing flask.)					
Flat-wick lamp-burner ..	E. E. Wagstaff ..	18797	25 Nov. ..	102	22 Dec.
Flax cleaner and conveyor ..	D. J. Williams ..	18877	20 Dec. ..	6	26 Jan., 1905.*
Flax-dressing, Process for ..	J. D. Smith ..	18565	5 Oct. ..	86	27 Oct.*
Flax-dresser ..	A. L. J. Tait ..	18601	17 Oct. ..	86	27 Oct.*
Flax drying and bleaching ..	D. C. Macdonald ..	18641	21 Oct. ..	91	10 Nov.*
Flax-milling machinery ..	H. Seifert ..	18619	13 Oct. ..	91	10 Nov.
Flax-scutching ..	G. I. Lowe ..	17371	15 Dec., 1903	83	13 Oct.
Flax, Treating ..	S. E. Denniston ..	17287	25 Nov., 1903	86	27 Oct.
Flax-treatment ..	C. Suttie and M. H. Wynyard ..	18917	31 Dec. ..	6	26 Jan., 1905.*
Flax-washer ..	G. Crow ..	18561	7 Oct. ..	86	27 Oct.*
Flax-washer ..	A. F. Gibson ..	18787	22 Nov. ..	102	22 Dec.*
Flax. (See also Tow.)					
Fluid-pressure turbine ..	E. T. Pollard ..	18879	20 Dec. ..	3	12 Jan., 1905.*
Flushing cistern, Liquid feed for ..	J. Hayward ..	18583	13 Oct. ..	91	10 Nov.
Folding crate ..	O. T. Wills ..	18840	6 Dec. ..	102	22 Dec.*
Folding-machine for newspapers, &c. ..	J. M. Twomey ..	18552	5 Oct. ..	86	27 Oct.*
Food-warming apparatus ..	H. Schnitzler ..	17422	30 Dec., 1903	83	13 Oct.
Fork-cleaner. (See Knife and fork cleaner.)					
Franking-machine, Coin-freed ..	C. E. Gray and J. S. Tolman ..	17386	17 Dec., 1903	86	27 Oct.
Friction-clutch ..	J. F. Wilson ..	18764	18 Nov. ..	98	8 Dec.*
Fruit-carrier ..	R. Simmonds ..	18739	14 Nov. ..	95	24 Nov.*
Fruit-case ..	R. F. Thomas and S. A. Bradley ..	18715	10 Nov. ..	98	8 Dec.*
Fuel-burner, Liquid ..	A. E. Johnstone ..	18721	10 Nov. ..	98	8 Dec.
Furnace, Blower for ..	H. T. Jones and J. P. Ludeman ..	18883	22 Dec. ..	..	..
Furnace. (See Ironsand-furnace, Ore-furnace.)					
Furniture drawers ..	G. S. Stevenson ..	18533	30 Sept. ..	86	27 Oct.*
Game ..	J. H. Rowland ..	18492	24 Sept. ..	86	27 Oct.
Game ..	H. Brice ..	17460	13 Jan. ..	91	10 Nov.
Game ..	C. H. Waddle and S. White ..	17478	15 Jan. ..	98	8 Dec.
Game ..	E. L. Evens ..	18817	1 Dec. ..	3	12 Jan., 1905.
Garment-lacing ..	N. Le R. Tracy ..	18811	28 Nov. ..	98	8 Dec.*
Gas-burner for bath-heater, cooking-stove, &c. ..	J. D. Jackson ..	18687	31 Nov. ..	91	10 Nov.*
Gas-generator ..	H. Dicke ..	18728	10 Nov. ..	95	24 Nov.*
Gas, Producing ..	W. Sim ..	18760	8 Nov. ..	95	24 Nov.*
Gas. (See also Incandescent gas, Water-gas.)					
Gas lighter and extinguisher ..	M. W. Haenke ..	18661	27 Oct. ..	95	24 Nov.
Gas lighter and extinguisher ..	J. L. Bruce ..	18722	10 Nov. ..	98	8 Dec.
Gas-stove ..	J. J. Strain ..	18828	3 Dec. ..	3	12 Jan., 1905.
Gate-post "falls" ..	J. H. Smith and W. M. Alexander ..	18469	22 Sept. ..	86	27 Oct.
Gauge. (See Wind-gauge.)					
Generator. (See Acetylene-generator, Gas-generator.)					
Glass, Manufacture of sheet ..	Window-glass Machine Company ..	18837	2 Dec. ..	3	12 Jan., 1905.
Gold and silver. Recovery of ..	F. A. R'ch ..	18638	18 Oct. ..	95	24 Nov.
Gold-saving ..	J. Paterson and A. T. W. Allan ..	18777	18 Nov. ..	98	8 Dec.*
Gold-saving appliance ..	A. J. Park ..	18896	22 Dec. ..	3	12 Jan., 1905.*
Gold-saving apparatus ..	A. Johanson ..	18832	3 Dec. ..	102	22 Dec.*
Gold-saving apparatus ..	J. W. McLeod ..	18590	14 Oct. ..	91	10 Nov.*
Gold-saving plush ..	M. Ryan ..	18576	11 Oct. ..	91	10 Nov.
Gold-saving table ..	H. N. McLeod ..	18782	22 Nov. ..	98	8 Dec.
Gold-saving, Raking material from sluice-boxes used in ..	G. Denn's, jun. ..	17519	6 Feb. ..	98	8 Dec.
Gold, Separation of, from metals ..	D. Clark ..	18538	4 Oct. ..	86	27 Oct.*
Governor-gear for traction-engine ..	E. F. and E. H. C. Ridde ..	18901	29 Dec. ..	3	12 Jan., 1905.*
Grain and wild-oats separator ..	A. C. Wilson and J. C. McDonald ..	18833	3 Dec. ..	102	22 Dec.*
Grate, Regulating draught for ..	B. J. Mopat ..	18515	24 Sept. ..	91	10 Nov.
Guard. (See Moustache-guard, Mud-guard.)					
Gun, Vernier and traversing-bar for ladder of ..	G. B. H. Austin ..	18453	15 Sept. ..	86	27 Oct.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Hair-pin	A. M. Hendy	18897	22 Dec. ..	..	..
Hair-pin	W. A. McKay and J. H. Cobb ..	18862	15 Dec. ..	1 2	22 Dec.*
Hames and collar	S. J. Emery	18622	20 Oct. ..	91	10 Nov.*
Hammock-support	Globe Proprietary Company, Limited	18647	22 Oct. ..	95	24 Nov.
Handle, Axe-	H. Harding	18892	24 Dec. ..	3	12 Jan., 1905.*
Handle to bakers' peel, Attaching Hanger. (See Coat-hanger.)	J. C. Legg	18829	3 Dec. ..	..	..
Harness, Breeching arrangement for	R. D. Kelly	18773	21 Nov. ..	98	8 Dec.*
Harness saddle	G. B. and A. Edwards and W. Wetenhall	18894	29 Dec. ..	3	12 Jan., 1905.*
Harrow and twitch-cutter	R. McGregor	18588	10 Oct. ..	86	27 Oct.*
Harrow, Rotary tine	A. Dahl	18843	5 Dec. ..	..	..
Hat	C. B. and G. W. Plummer	18675	29 Oct. ..	91	10 Nov.*
Hay-knife	J. Hunt	18727	10 Nov. ..	..	..
Hay-knife	H. H. Gilshnan	18595	15 Oct. ..	91	10 Nov.*
Hay-stacking appliance	J. Gemmell	17607	27 Feb. ..	102	22 Dec.
Heater. (See Bath-heater.)					
Heel. (See Boot-heel.)					
Heel-trimming, &c., machine	United Shoe Machinery Company	18751	16 Nov. ..	95	24 Nov.*
Hoe	T. Walker	18842	7 Dec. ..	102	22 Dec.*
Holder. (See Cigar and cigarette holder, Pen-holder, Rein-holder, Trace-holder.)					
Hook-and-eye fastening	E. Sprey and F. Spray	18568	7 Oct. ..	95	24 Nov.*
Hook, Curtain-	T. Hemming and J. Lock	18574	6 Oct. ..	86	27 Oct.*
Horse-cover	W. Trembath	17667	16 March ..	102	22 Dec.
Horse-shoe	J. Grant	18562	7 Oct. ..	..	..
Horse-stopper and wheel-lock	T. Firth	17446	9 Jan. ..	95	24 Nov.
Hose-coupling	P. Henley	18726	10 Nov. ..	95	24 Nov.*
Hurdle. (See Racing-hurdle.)					
Hydrocyanic-acid manufacture	H. C. Woltereck	18803	29 Nov. ..	102	22 Dec.
Images, Photographing, to obtain abnormal pictures	E. M. McLauchlan	18550	5 Oct. ..	86	27 Oct.*
Incandescent gas-burner	C. J. Alexander	18853	13 Dec. ..	..	..
Incandescent gaslight	J. Warry and P. Wigley	18737	18 July† ..	95	24 Nov.*
Incandescent oil-lamp	C. Jerome	18696	3 Nov. ..	95	24 Nov.*
Incubator, Temperature-regulator for	R. Law	18692	3 Nov. ..	98	8 Dec.
Indicator. (See Railway indicator, Temperature-indicator.)					
Insecticide-sprayer	J. Eckersley	18549	5 Oct. ..	86	27 Oct.*
Internal-combustion engine	D. Roberts, C. James, and J. W. Young	18633	20 Oct. ..	95	24 Nov.
Internal-combustion engine	W. Dawson	18695	31 Oct. ..	98	8 Dec..
Invert work, Centres for	P. Cairns	18650	22 Oct. ..	91	10 Nov.*
Iron, Manufacture of	C. F. Lungley	16975	5 Aug., 1903†	83	13 Oct.
Iron-ore, Reducing pulverised	J. H. A. McPhee	18490	20 Sept. ..	86	27 Oct.
Ironsand briquettes	J. T. Hunter	18707	7 Nov. ..	6	26 Jan., 1905.
Ironsand briquettes	T. Rouse and H. Cohn	18905	29 Dec. ..	3	12 Jan., 1905.*
Ironsand-furnace	W. G. Cloke	18734	11 Nov. ..	95	24 Nov.*
Jack. (See Lifting-jack.)					
Joints, Making, in pipes	J. Christie	18532	30 Sept. ..	86	27 Oct.*
Kegs, Machine for rounding, &c. Key. (See Bullock-bow key, Screw-key, Telegraphic signalling-key.)	J. Russell	18603	17 Oct. ..	86	27 Oct.*
Knife. (See Hay-knife, Thinning and weeding knife.)					
Knife and fork cleaner	D. Simpson	18711	3 Nov. ..	95	24 Nov.*
Knife and fork cleaner	C. Broadhead and T. Harris ..	18824	3 Dec. ..	98	8 Dec.*
Lacing garments, &c.	N. L. R. Tracy	18811	28 Nov. ..	98	8 Dec.*
Ladder and frame for rifle	G. B. H. Austin	18620	20 Oct. ..	91	10 Nov.*
Lamp. (See Electric arc lamp, Incandescent oil-lamp, Oil-lamp, Signal-lamp.)					
Lamp-burner	E. E. Wagstaff	18797-8	25 Nov. ..	102	22 Dec.
Lamp-burner thimble	E. E. Wagstaff	18799	25 Nov. ..	102	22 Dec.
Laundry apparatus	C. Robertson	17440	7 Jan. ..	102	22 Dec.
Lead-pencil	H. Mitchell	18646	18 Oct. ..	91	10 Nov.*
Leg-fastener for animals	H. Prince	18543	4 Oct. ..	91	10 Nov.
Leg-roping appliance	F. J. Brown	18868	16 Dec. ..	102	22 Dec.*
Level. (See Spirit-level.)					
Lid for culinary utensil	F. E. Hornidge	18712	8 Nov. ..	98	8 Dec.
Lift-door, Operating	W. F. Johns	18613	19 Oct. ..	91	10 Nov.*
Lifting-jack	A. Dyke	18717	7 Nov. ..	95	24 Nov.*
Lifter, Ambulance	J. Mackay and F. W. Hamilton ..	16927	21 Oct. ..	86	27 Oct.
Light, Electric, applying to pianos	W. R. J. Townsend	18553	5 Oct. ..	86	27 Oct.*
Lighter. (See Fire-lighter, Gas-lighter.)					
Liner for separator	J. A. Ohlsson	18884	22 Dec. ..	..	..
Liner for washing-boiler	H. W. de Baugh	18890	21 Dec. ..	..	..
Liquid-fuel burner	A. E. Johnstone	18721	10 Nov. ..	98	8 Dec.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Liquid or fluid pump	Positive Rotary Pump, Limited	18599	13 Oct. ..	91	10 Nov.
Liquids, Machine for bottling	The Crown Corporation, Limited	18579	13 Oct. ..	3	12 Jan., 1905.
Lithographic copy	J. H. Fuller	18792	23 Nov. ..	98	8 Dec.*
Lithographic plate	F. W. Sears	17685	22 March ..	98	8 Dec.
Lock (See Bicycle-lock, Door-lock, Sash raiser and lock, Strap-lock, Wheel-lock.)					
Magnetic separator	J. T. Dawes	18769	17 Nov. ..	102	22 Dec.
Maize-drill	F. A. Pim	18846	8 Dec. ..	102	22 Dec.*
Mantle-support	The New Inverted Incandescent Gas-lamp Company, Limited ..	18326	17 Aug. ..	98	8 Dec.
Manure-sower	A. Scherer	18742	15 Nov. ..	95	24 Nov.*
Match-box and tobacco-cutter	W. F. Dugins	18629	20 Oct. ..	95	24 Nov.
Match-lining cramp	F. E. Newth	18606	18 Oct. ..	91	10 Nov.*
Match-making	The Dixie Match Company ..	18730	10 Nov. ..	98	8 Dec.
Mattress, Wire-woven	T. J. A. Hicks and R. F. Way ..	18454	15 Sept. ..	86	27 Oct.*
Measure, bottle-stopper, and eye-bath ..	G. W. Darvall	18602	17 Oct. ..	91	10 Nov.*
Measuring and wringing machine for skins	O. Gemeinhardt	18505	28 Sept. ..	86	27 Oct.
Memo.-form and envelope	J. Collins	18627	20 Oct. ..	91	10 Nov.*
Metal-finishing process	A. H. R. Allen and H. S. Darley	18748	16 Nov. ..	95	24 Nov.*
Metallic bedstead	B. C. Barton	17465	13 Jan. ..	86	27 Oct.
Metals, Producing, from ores	J. S. M. Jacobsen	18909	31 Dec. ..	..	..
Milk-aerator	R. J. Moore	17514	4 Feb. ..	98	8 Dec.
Milk-can	A. W. Gillies	18834	5 Dec. ..	102	22 Dec.*
Milk-can	D. Bower	18770	18 Nov. ..	98	8 Dec.*
Milk-cooler	C. J. Honore	18753	16 Nov. ..	98	8 Dec.
Milk-drying	A. Falkner	18551	5 Oct. ..	86	27 Oct.*
Milk-powder	A. Glas	18720	10 Nov. ..	..	..
Milk, Process of treating	E. Phillips	18598	13 Oct. ..	91	10 Nov.
Milk-stirrer	W. E. Toxward and D. G. Monrad	18768	19 Nov. ..	98	8 Dec.*
Milker, Cow-	F. Ljungström	17489	20 Jan. ..	91	10 Nov.
Milker, Cow-	J. Hartnett and D. M. Robison ..	18303	11 Aug. ..	102	22 Dec.
Milking-machine	T. C. Jenkins and W. T. Mack ..	18839	6 Dec. ..	3	12 Jan., 1905.
Mineral matter and tar, Manufacture of articles from	S. Ford and J. S. Freeman ..	18614	19 Oct. ..	91	10 Nov.*
Mineral particles from slimes, Extracting	E. J. Swyny and S. G. Plucknett	18586	13 Oct. ..	91	10 Nov.
Mineral-wool making	F. T. Paten	18587	13 Oct. ..	86	27 Oct.*
Mining-machine	W. E. Hamilton	18504	28 Sept. ..	86	27 Oct.
Mop-wringing attachment to bucket ..	J. Herrick	18716	10 Nov. ..	98	8 Dec.*
Mop-wringing attachment to bucket ..	G. Stevenson	18889	23 Dec. ..	3	12 Jan., 1905.*
Motion, Utilising resistance of	A. Strain	18683	1 Nov. ..	95	24 Nov.*
Motor. (See Wind and water motor, Cycle-motor.)					
Moulding-boards, Forming	A. Falkner	18555	6 Oct. ..	91	10 Nov.
Moustache-guard for spoons, &c. ..	G. G. Sutherland, and A. G. Brett	17559	23 Feb. ..	102	22 Dec.
Mouthpiece for tobacco-pipe	C. Peterson	17838	27 April ..	91	10 Nov.
Mud-guard for vehicle	H. Munro	18596	15 Oct. ..	..	..
Music-leaf turner	G. F. Moyle	18559	4 Oct. ..	86	27 Oct.*
Music-teaching method	C. E. Gibbins	18845	5 Dec. ..	102	22 Dec.*
Nail, Roofing-	W. J. Templeton	18814	1 Dec. ..	..	..
Nail-driving machine	United Shoe Machinery Company	18752	16 Nov. ..	95	24 Nov.*
Nailing-machine	United Shoe Machinery Company	18625	20 Oct. ..	95	24 Nov.
Needle, Sewing-machine	E. J. Hall	18808	1 Dec. ..	3	12 Jan., 1905.
Newspaper-folding machine	J. M. Twomey	18552	5 Oct. ..	86	27 Oct.*
Non-refillable stopper	W. Madder	18823	3 Dec. ..	3	12 Jan., 1905.*
Noxious weeds, Composition for eradication of	E. D. Smith and J. T. Partridge..	18678	29 Oct. ..	91	10 Nov.*
Numbering and recording machine ..	C. B. Smith	18920	29 Dec. ..	..	..
Number-recording machine	H. Droullege	18594	11 Oct. ..	91	10 Nov.
Nuts and bolts, Screw-key for	S. McDonald and G. S. Stevenson	18801	29 Nov. ..	..	..
Oil-lamp for railway signals	The Lamp Manufacturing Company, Limited	18861	13 Dec. ..	..	..
Oiling-appliance for machinery	T. Danks	18826	1 Dec. ..	3	12 Jan., 1905.
Open-air treatment of disease, Health shelter for	A. W. Bickerton	17522	5 Feb. ..	98	8 Dec.
Ore-furnace	W. P. Wynne and J. H. Grant ..	18838	6 Dec. ..	102	22 Dec.
Ore-furnace	T. Edwards	18878	21 Dec. ..	..	..
Ore, Production of metals from	J. S. M. Jacobsen	18909	31 Dec. ..	..	..
Ore, Reducing iron-	J. H. A. McPhee	18490	20 Sept. ..	86	27 Oct.
Ore-separator	A. J. F. de Bavay	18688	3 Nov. ..	91	10 Nov.*
Ore separator and classifier	E. J. Swyny and S. G. Plucknett	18584	13 Oct. ..	91	10 Nov.
Ore-separator. (See also Magnetic separator.)					
Ore-treatment	A. Z. Clark	18818	1 Dec. ..	3	12 Jan., 1905.
Organ, Applying electric light to ..	W. R. J. Townsend	18553	5 Oct. ..	86	27 Oct.*
Oven, Bakers'	M. Richard and W. Scott	18531	29 Sept. ..	91	10 Nov.
Overcoat	D. Matheson	18667	28 Oct. ..	91	10 Nov.*
Packing butter	J. M. Hussey	18858	14 Dec. ..	3	12 Jan., 1905.
Packing-case	Champion Seal Company	18813	1 Dec. ..	3	12 Jan., 1905.
Packing eggs for transport	A. and F. J. Lawrence	17273	19 Nov. 1903	83	13 Oct.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Paddle apparatus, Boat-	W. A. White	18665	25 Oct. ..	..	..
Panel work, Forming	A. Falkner	18555	6 Oct. ..	91	10 Nov.
Panoramic camera	W. J. Johnston	18783	24 Nov. ..	102	22 Dec.
Paper health shelter	A. W. Bickerton	17522	5 Feb. ..	98	8 Dec.
Paper-pulp, Treating fatty wood for pro- duction of	W. Hoskins	18500	28 Sept. ..	86	27 Oct.
Parcel-carrier	E. S. Baldwin and H. H. Rayward	18875	20 Dec. ..	..	..
Peel. (See Bakers' peel.)					
Peeler. (See Potato-peeler.)					
Penholder	E. M. Palmer	18604	18 Oct. ..	..	..
Pencil. (See Lead-pencil.)					
Petroleum-burner	J. C. C. Read	18634	20 Oct. ..	91	10 Nov.*
Piano, Applying electric light to	W. R. J. Townsend	18553	5 Oct. ..	86	27 Oct. *
Piano-player, Valve for	E. J. Thwaites	18581	13 Oct. ..	86	27 Oct. *
Picture-suspender	W. E. S. Ramsay and S. McMurray	17480	20 Jan. ..	95	24 Nov.
Pictures, Obtaining abnormal	E. M. McLauchlan	18550	5 Oct. ..	86	27 Oct.*
Piles, Treating, to prevent teredo worm	J. Rutland	18563	8 Oct. ..	..	..
Pin. (See Hair-pin, Safety-pin.)					
Pipe-moulding machine	P. Campbell	18529	27 Sept. ..	91	10 Nov.
Pipe-wrench	J. Adams and C. A. Cross	18530	27 Sept. ..	91	10 Nov.
Pipe. (See Earthenware pipe, Sanitary pipe, Tobacco-pipe.)					
Pipe, Making joints in	J. Christie	18532	30 Sept. ..	86	27 Oct.*
Pithing-spear	F. H. Andrews	18591	14 Oct. ..	86	27 Oct.*
Plant-pot	W. T. London	18830	3 Dec. ..	3	12 Jan., 1905.
Plate-rack	F. V. Raymond	18854	10 Dec. ..	102	22 Dec.
Plate, Rail-bed	H. Read	18567	7 Oct. ..	86	27 Oct.
Player, Valve for piano-	E. J. Thwaites	18581	13 Oct. ..	86	27 Oct.*
Plush for gold-saving	M. Ryan	18576	11 Oct. ..	91	10 Nov.*
Pneumatic tire	W. H. Paterson	18860	12 Dec. ..	102	22 Dec. *
Pneumatic-tire protector	A. McLean	18564	8 Oct. ..	86	27 Oct.*
Pocket	T. A. and J. Flynn	18831	3 Dec. ..	3	12 Jan., 1905.
Polisher, Boot-	P. A. S. Stephens	18761	14 Nov. ..	98	8 Dec.*
Pole. (See Curtain-pole.)					
Post. (See Fencing-post, Gate-post.)					
Postage-stamp vending machine	R. J. Dickie and J. H. Brown	18548	5 Oct. ..	86	27 Oct.*
Postal wrapper	A. Matheson	18699	3 Nov. ..	95	24 Nov.
Pot, Plant-	W. T. London	18830	3 Dec. ..	3	12 Jan., 1905
Potato-digger	J. G. Dennison	18774	21 Nov. ..	98	8 Dec.*
Potato-peeler	W. M. Norrie	18869	16 Dec. ..	102	22 Dec.*
Potato-tops, Destroying blight on	W. S. Campbell	18765	14 Nov. ..	98	8 Dec.*
Pounding-up machine	United Shoe Machinery Company	18626	20 Oct. ..	91	10 Nov.*
Preserve-can	H. Böhm	18624	20 Oct. ..	..	..
Preserving eggs	H. E. McDonald	18702	4 Nov. ..	95	24 Nov.*
Preserving-tin, Securing top of	Christchurch Meat Company, Li- mited	18456	16 Sept. ..	91	10 Nov.*
Press. (See Cheese-press.)					
Printing-block, Plate for	F. W. Sears	17685	22 March ..	98	8 Dec.
Propelling-apparatus for bicycles, &c.	W. S. Simpson	18623	20 Oct. ..	95	24 Nov.
Protector. (See Boot-sole protector, Candle-protector, Cuff-protector, Feed- ing-bottle protector, Tire-protector.)					
Puller, Turnip-	P. and D. Duncan, Limited	18571	8 Oct. ..	86	27 Oct.*
Pump. (See Compressed-air pump, Liquid or fluid pump, Spray-pump, Water-pump.)					
Punch, Ear-	A. H. Tinkham	18685	2 Nov. ..	95	24 Nov.
Race for sheep	C. Rask and E. A. Cameron	18899	23 Dec. ..	3	12 Jan., 1905.*
Racing-hurdle	H. P. Knutzen, W. A. Elwarth, and G. R. Buscke	18575	7 Oct. ..	95	24 Nov.*
Rack. (See Plate-rack.)					
Rails, Dressing surfaces of	M. Woods and T. J. Gilbert	18537	30 Sept. ..	91	10 Nov.
Rail-bed plate	H. Reed	18567	7 Oct. ..	86	27 Oct.
Railway brake	F. W. Gasmier	18501	28 Sept. ..	86	27 Oct.
Railway car	A. R. Angus	18714	8 Nov. ..	..	..
Railway indicator	H. Ashworth	18762	18 Nov. ..	98	8 Dec.*
Railway-sleeper, Compound for protection of	S. Ford and J. S. Freeman	18526	1 Oct. ..	86	27 Oct.*
Rain-water collector	L. Adamson	18754	16 Nov. ..	102	22 Dec.
Rake	J. Dunbar	18645	17 Oct. ..	91	10 Nov.*
Range-finder for rifle shooting	R. H. Owen	18670	28 Oct. ..	91	10 Nov.*
Receptacle for perishable goods	C. P. Parkerson	18608	18 Oct. ..	91	10 Nov.*
Recording and numbering machine	C. B. Smith	18920	29 Dec. ..	..	..
Reducing fuel-consumption of vessel	T. Ashcroft	18701	1 Nov. ..	95	24 Nov.*
Reflecting-apparatus, advertising-medium	R. L. H. Murray	18600	13 Oct. ..	..	..
Register, Cash-	E. G. Fletcher	18611	19 Oct. ..	95	24 Nov.
Registering and number-recording machine	H. Drouleage	18594	11 Oct. ..	91	10 Nov.
Regulator. (See Draught-regulator, Tem- perature-regulator.)					
Rein-holder	A. Dyke	18719	7 Nov. ..	95	24 Nov.*
Ridger, Disc	F. Cooper	18660	25 Oct. ..	91	10 Nov.*
Ridging	T. C. Hement	18793	26 Nov. ..	98	8 Dec.*
Ridging	C. S. Hawkeswood	17541	11 Feb. ..	98	8 Dec.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Ridging, Forming sheet-iron	T. C. Hement	18557	4 Oct. ..	86	27 Oct.*
Rifle, Ladder and frame for	G. B. H. Austin	18620	20 Oct. ..	91	10 Nov.*
Rifle shooting, Range-finder for ..	R. H. Owen	18670	28 Oct. ..	91	10 Nov.*
Rifle-sight	H. J. Paddock	18664	27 Oct. ..	..	..
Rifle-sight, Fixing spirit-level to ..	G. B. H. Austin	18521	29 Sept. ..	91	10 Nov.*
Rifle, Vernier and traversing-bar for ladder of	G. B. H. Austin	18453	15 Sept. ..	86	27 Oct.*
Rifle vernier, Ventometer for fixing spirit-level to	G. B. H. Austin	18546	4 Oct. ..	86	27 Oct.*
Rock-drill	W. C. Johnson and G. C. Pearson	18610	19 Oct. ..	91	10 Nov.*
Rock-drilling engine	F. L. Roudebush	18827	1 Dec. ..	3	12 Jan., 1905.
Rod. (See Stair-rod, Wheel-rod.)					
Roll, Buffing-	United Shoe Machinery Company	17453	12 Jan. ..	86	27 Oct.
Roller for wire-gauze screen	J. M. Sibbit	18519	29 Sept. ..	91	10 Nov.*
Roofing, Fixing corrugated-iron	J. W. Wrigley	18654	25 Oct. ..	95	24 Nov.*
Roofing-tile and ridging	C. S. Hawkeswood	17541	11 Feb. ..	98	8 Dec.
Roofing-nail	W. J. Templeton	18814	1 Dec. ..	..	..
Rotary scraping-board	C. E. Horman	18757	16 Nov. ..	..	..
Rotary turbine engine, Steam-exhaust for	T. W. May	18766	14 Nov. ..	98	8 Dec.*
Saddle	G. B. and A. Edwards and W. Wetenhall	18894	29 Dec. ..	3	12 Jan., 1905.*
Saddle-tree	R. A. C. Russell	18388	26 March† ..	102	22 Dec.
Safety appliance for elevator	W. P. Conolly	18511	29 Sept. ..	91	10 Nov.
Safety-pin	G. G. Turri	18852	13 Dec. ..	3	12 Jan., 1905.
Sanitary pipes flanging	L. Clark	17105	13 Oct., 1903	86	27 Oct.
Sash-fastener	F. Stowell	18589	10 Oct. ..	91	10 Nov.*
Sash for window	W. H. Terry	18616	18 Oct. ..	91	10 Nov.*
Sash for window, Reversible	F. de J. Clere	18674	29 Oct. ..	91	10 Nov.*
Sash-lock	J. Wiseman	17293	26 Nov. ..	102	22 Dec.
Sash raiser and lock	A. L. Hewton	18547	1 Oct. ..	95	24 Nov.
Sash-suspender	A. J. Park	17447	9 Jan. ..	98	8 Dec.
Sash. (See also Window-sash.)					
Scraping-attachment for brush	H. Ward	18397	31 Aug. ..	91	10 Nov.
Scraping-board, Rotary	C. E. Horman	18757	16 Nov. ..	..	..
Screen, Roller for wire-gauze	J. M. Sibbit	18519	29 Sept. ..	91	10 Nov.*
Screw-key for nuts and bolts	S. McDonald and G. S. Stevenson	18801	29 Nov. ..	..	..
Scutcher. (See Flax-scutcher.)					
Scutching-attachment, Water	H. Seifert	17819	20 April ..	83	13 Oct.
Seal, Cork-	G. S. Stevenson	18534	30 Sept. ..	86	27 Oct. *
Seal or stopper	Champion Seal Company	18816	1 Dec. ..	..	12 Jan., 1905.
Seat. (See Vehicle-seat, Chair-seat.)					
Seed-sower	J. King	18784	24 Nov. ..	..	..
Separator, Liner for	J. A. Ohlsson	18884	22 Dec. ..	..	..
Separator. (See Grain and wild-oats separator, Magnetic separator, Ore-separator.)					
Sewing-machine	E. A. Angus	18693	3 Nov. ..	98	8 Dec.
Sewing-machine needle	E. J. Hall	18808	1 Dec. ..	3	12 Jan., 1905.
Shaft-bearings	E. R. Smith	18885	22 Dec. ..	6	26 Jan., 1905.
Shaft, securing to vehicle	J. T. Rodgers	18673	25 Oct. ..	91	10 Nov. *
Shaft-stop	W. S. Grant	18566	6 Oct. ..	86	27 Oct.*
Shaft. (See Vehicle-shaft.)					
Shaving-brush	G. Koch	18478	22 Sept. ..	86	27 Oct.*
Sheaves-conveyor	J. Orr, jun.	18771	19 Nov. ..	98	8 Dec.*
Sheep, &c., Travelling-race for	C. Rask and E. A. Cameron	18899	23 Dec. ..	3	12 Jan., 1905.*
Sheet-glass manufacture	Window-glass Machine Company	18837	2 Dec. ..	3	12 Jan., 1905.
Shelter. (See Paper health shelter.)					
Ship-controller	E. Smethurst	17606	1 March ..	102	22 Dec.
Shoe. (See Boot or shoe, Horse-shoe.)					
Sight. (See Rifle-sight.)					
Signal-lamp	The Lamp Manufacturing Company, Limited	18861	13 Dec. ..	6	26 Jan., 1905.
Signalling-key, Telegraphic	Marconi's Wireless Telegraph Company, Limited	18725	10 Nov. ..	98	8 Dec.
Siphon	H. Corbett	18662	27 Oct. ..	91	10 Nov.*
Skewers, &c., Manufacturing	W. J. Sellars	17379	16 Dec., 1903	95	24 Nov.
Skin measurer and wringer	O. Gemeinhardt	18505	28 Sept. ..	86	27 Oct.
Skirt and blouse support	M. Bacon	18776	17 Nov. ..	3	12 Jan., 1905.
Slags for making mineral wool, Producing	F. T. Paten	18587	13 Oct. ..	86	27 Oct.*
Sleeper. (See Railway-sleeper.)					
Slimes, Extracting mineral particles from	E. J. Swyny and S. G. Plucknett	18586	13 Oct. ..	91	10 Nov.
Slimes-filter	H. R. Cassel	17600	2 March ..	102	22 Dec.
Sluice-box, Raking material from ..	G. Dennis, jun.	17519	6 Feb. ..	98	8 Dec.
Smoke-consumer	H. Gunn	18850	6 Dec. ..	3	12 Jan., 1905.*
Smoke-consumer	C. J. Johnson and J. Carlaw	18865	14 Dec. ..	102	22 Dec.*
Smoke-destroyer for furnace	A. H. Byron	18747	12 Nov. ..	95	24 Nov.*
Snatch-block, Releasable	J. Ducker, jun.	18542	4 Oct. ..	86	27 Oct.*
Sole. (See Boot-sole.)					
Sole laying and levelling machine ..	United Shoe Machinery Company	18690	3 Nov. ..	91	10 Nov.*
Sower. (See Manure-sower, Seed-sower, Turnip and rape sower.)					
Spear, Pithing-	F. H. Andrews	18591	14 Oct. ..	86	27 Oct.*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Speed of vessel, Increasing	T. Ashcroft	18701	1 Nov. ..	95	24 Nov.*
Spiles, &c., Manufacturing	W. J. Sellars	17379	16 Dec., 1903	95	24 Nov.
Spirit-level, Fixing, to rifle-sight	G. B. H. Austin	18521	29 Sept. ..	91	10 Nov.*
Spoons, Moustache-guard for	G. G. Sutherland and A. G. Brett	17559	23 Feb. ..	102	22 Dec.
Spouting-bracket	F. Wilkinson	18704	5 Nov. ..	95	24 Nov.*
Spouting, Forming O.G.	T. C. Hement	18528	1 Oct. ..	83	13 Oct.*
Spray-pump, Agitator for	A. Billens	18659	25 Oct. ..	95	24 Nov.
Spreader for traces	B. Gibbs	18657	26 Oct. ..	98	8 Dec.
Spreader for trace-chains	J. Holms, jun.	18452	12 Sept. ..	102	22 Dec.
Spring-equalising apparatus for vehicles..	C. E. Bailey	18541	4 Oct. ..	86	27 Oct.*
Stacking-appliance	J. Gemmell	17607	27 Feb. ..	102	22 Dec.
Stair-rod	G. W. Basley	18891	22 Dec. ..	3	12 Jan., 1905.*
Stair-rod, Securing	E. S. Smith	18703	4 Nov. ..	..	..
Stamp-vending machine	R. J. Dickie and J. H. Brown	18548	5 Oct. ..	86	27 Oct.*
Stamping-machine, Coin-freed	C. E. Gray and J. S. Tolman	17386	17 Dec., 1903	86	27 Oct.
Stand. (See Bicycle-stand.)					
Staple. (See Fencing-staple.)					
Steam-exhaust	T. W. May	18766	14 Nov. ..	98	8 Dec.*
Steam-turbine	H. C. Henderson	18592	14 Oct. ..	91	10 Nov.*
Steam-turbine	J. C. Fraser	18864	12 Dec. ..	102	22 Dec.
Steel, Manufacture of	C. F. Lungley	16975	5 Aug., 1903	83	13 Oct.
Stirrer, Milk-	W. E. Toxward and D. G. Monrad	18768	19 Nov. ..	98	8 Dec.
Stopper. (See Bottle-stopper, Horse-stopper, Seal or stopper, Non-refillable stopper.)					
Stove. (See Cooking-stove, Gas-stove.)					
Strainer	A. McDonald and S. R. Stedman	18871	16 Dec. ..	102	22 Dec.*
Strainer. (See Clothes-strainer, Fencing-strainer, Wire-strainer.)					
Strap-lock	H. Kitchen and A. Patten ..	18569	7 Oct. ..	86	27 Oct.*
Strap. (See Breeching-strap.)					
Street-scavenger	G. B. B. Elliott	18880	21 Dec. ..	..	..
Stretcher, Woven-wire	E. Grundy	18577	11 Oct. ..	95	24 Nov.*
Stumps, Cricket-	A. Bridge	18485	22 Sept. ..	86	27 Oct.
Support. (See Hammock-support, Skirt and blouse support.)					
Surgical instrument for use on cattle ..	C. Brake	18656	24 Oct. ..	95	24 Nov.
Suspender. (See Curtain-suspender, Picture-suspender.)					
Swath-turner	E. Blackstone and R. E. Watts	18804	29 Nov. ..	102	22 Dec.
Swingletree, Trace-holder for	A. Dyke	18718	7 Nov. ..	95	24 Nov.*
Switch, Electric	W. Kingsland	18856	14 Dec. ..	3	12 Jan., 1905.
Table. (See Billiard-table, Bowl-testing table, Gold-saving table, Time-table.)					
Table-amusement	C. H. Waddle and S. White ..	17478	15 Jan. ..	98	8 Dec.
Table-cricket	H. Brice	17460	13 Jan. ..	91	10 Nov.
Tailings, &c., Extraction of mineral particles from	E. J. Swyny and S. G. Plucknett..	18586	13 Oct. ..	91	10 Nov.
Tap	A. Burt	18643	19 Oct. ..	91	10 Nov.*
Tap for tins	H. S. Clark	18874	16 Dec. ..	..	..
Tar and mineral matter, Manufacture of articles from compounds of	S. Ford and J. S. Freeman ..	18614	19 Oct. ..	91	10 Nov.*
Teat-cup, Pneumatic	A. Gillies	17639	9 March ..	83	13 Oct.
Telegraphic signalling-key	Marconi's Wireless Telegraph Company, Limited	18724	10 Nov. ..	98	8 Dec.
Telegraph. (See also Wireless telegraph.)					
Telescope	C. Soulas	17496	25 Jan. ..	95	24 Nov.
Telemeter	A. Hare	18887	23 Dec. ..	3	12 Jan., 1905.*
Temperature-indicator	J. Gallagher	17996	4 June ..	102	22 Dec.
Temperature-regulator for incubator ..	R. Law	18692	3 Nov. ..	98	8 Dec.
Teredo worm, Preventing attack of, in wooden piles	J. Rutland	18563	8 Oct. ..	..	..
Tester. (See Egg-tester, Bowl-tester.)					
Testing. (See Ball-testing, Bowl-testing, Cream-testing.)					
Thimble. (See Lamp-burner thimble.)					
Thinning and weeding knife	A. Lowe	18910	31 Dec. ..	6	26 Jan., 1905.
Threshing-machine, Conveying sheaves from stacks to	J. Orr, jun.	18771	19 Nov. ..	98	8 Dec.*
Ticket-vending machine	R. J. Dickie and J. H. Brown ..	18548	5 Oct. ..	86	27 Oct.*
Tile. (See Roofing-tile.)					
Timber veneer, Repairing defects in ..	A. McColl	18652	21 Oct. ..	91	10 Nov.*
Time-table advertising-device	W. J. Rae	18749	16 Nov. ..	..	..
Tin. (See Preserving-tin.)					
Tins, Tap for	H. S. Clark	18874	16 Dec. ..	..	..
Tip road-wagon	F. Cooper	18732	10 Nov. ..	95	24 Nov.*
Tire-cover	E. Burchett	18781	22 Nov. ..	98	8 Dec.*
Tire for cycle, &c.	J. J. Daily	18336	18 Aug. ..	95	24 Nov.
Tire, Pneumatic	P. Magnus	18631	20 Oct. ..	95	24 Nov.
Tire-protector	A. McLean	18564	8 Oct. ..	86	27 Oct.*
Tire, Vehicle-	J. Thomson	18791	24 Nov. ..	98	8 Dec.*
Tire, Vehicle-	T. P. Lyons	17579	26 Feb. ..	102	22 Dec.

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Tobacco-cutter	D. G. Sutherland	18851	12 Dec. ..	102	22 Dec.*
Tobacco-cutter	W. F. Dugins	18629	20 Oct. ..	95	24 Nov.
Tobacco-pipe	W. F. Dugins	18628	20 Oct. ..	95	24 Nov.
Tobacco-pipe, Mouthpiece for ..	C. Peterson	17838	27 April ..	91	10 Nov.
Tow cleaning and sorting method ..	E. Elliott and A. J. Park ..	18545	14 Nov. ..	102	22 Dec.
Trace-holder	A. Dyke	18718	7 Nov. ..	95	24 Nov.*
Trace-spreader. (See Spreader.)					
Traction-engine governor-gear ..	E. F. and E. H. C. Ridder ..	18901	29 Dec. ..	3	12 Jan., 1905.*
Trap. (See Bird-trap, Water-closet trap.)					
Trolley-pole	J. W. Rooney	18786	24 Nov. ..	98	8 Dec.*
Trolley-wheel of electric cars, Illuminating	W. H. Ludford	18540	4 Oct. ..	86	27 Oct.*
Trough. (See Concentrator-trough.)					
Trouser-hanger. (See Coat and trouser hanger.)					
Truck	R. McKay	18759	14 Nov. ..	95	24 Nov.*
Tug-stop for shafts	H. W. Candy	18744	15 Nov. ..	95	24 Nov.*
Turbine. (See Fluid-pressure turbine, Rotary turbine, Steam-turbine.)					
Turnip and rape feed	E. E. Porter	18618	19 Oct. ..	91	10 Nov.*
Turnip and rape sower	D. Moore	18556	3 Oct. ..	86	27 Oct.*
Turnip and rape sower	J. King	18784	24 Nov. ..	3	12 Jan., 1905.*
Turnip-puller	P. and D. Duncan, Limited ..	18571	8 Oct. ..	86	27 Oct.*
Turpentine, Treating fatty wood for production of	W. Hoskins	18500	28 Sept. ..	86	27 Oct.
Twine, Binder-	A. and W. Ross	18642	21 Oct. ..	95	24 Nov.
Twitch-cutter and harrow	R. McGregor	18588	10 Oct. ..	86	27 Oct.*
Union joints, Method of making ..	J. Christie	18532	30 Sept. ..	86	27 Oct.*
Valve	W. C. Nixon and M. J. Jones ..	18593	11 Oct. ..	95	24 Nov.
Valve, Pneumatic, for piano-player ..	E. J. Thwaites	18581	13 Oct. ..	86	27 Oct.*
Valve, Operating, at predetermined time	A. Hare	18886	23 Dec. ..	3	12 Jan., 1905.*
Vehicle mud-guard	H. Munro	18596	15 Oct. ..	..	..
Vehicle	S. G. Whitehouse	18429	2 Sept. ..	91	10 Nov.
Vehicle-seat	J. H. Toner	18780	19 Nov. ..	98	8 Dec.*
Vehicle-seat slide	W. E. Searle and W. Gibb ..	18735	8 Nov. ..	95	24 Nov.*
Vehicle, Securing shaft to	J. T. Rodgers	18673	25 Oct. ..	91	10 Nov.*
Vehicle-shaft, Securing breeching-strap to	J. Brake	17629	7 March ..	95	24 Nov.
Vehicle, Spring-equalising apparatus for..	C. E. Bailey	18541	4 Oct. ..	86	27 Oct.*
Vehicle-wheel	J. Thomson	18791	24 Nov. ..	98	8 Dec.*
Veneer. (See Timber veneer.)					
Ventilating-window	W. E. Walker	18644	19 Oct. ..	91	10 Nov.*
Vernier ventometer for rifle	G. B. H. Austin	18546	4 Oct. ..	86	27 Oct.*
Vessel, Reducing fuel-consumption of	T. Ashcroft	18701	1 Nov. ..	95	24 Nov.*
Wagon, Tip road-	F. Cooper	18732	10 Nov. ..	95	24 Nov.*
Warming apparatus, Food-, &c. ..	H. Schnitzer	17422	30 Dec., 1903	83	13 Oct.
Wash-dirt excavating and elevating ..	A. McKay	18750	16 Nov. ..	95	24 Nov.*
Washing-apparatus for wool	H. Ashworth	18573	10 Oct. ..	91	10 Nov.
Washing and drying machine	P. M. Newton	18755	14 Nov. ..	98	8 Dec.
Washing machine, Flax-	A. F. Gibson	18787	22 Nov. ..	102	22 Dec.*
Washing-machine	R. F. Marsh	17988	1 June ..	86	27 Oct.
Washing-boiler, Liner for	H. W. de Baugh	18890	21 Dec. ..	..	..
Water-collector. (See Rain-water collector.)					
Water-closet trap, Jointing	C. E. Denmead and F. J. Mahoney	18636	19 Oct. ..	6	26 Jan., 1905.
Water-gas production	J. T. Hunter	18729	10 Nov. ..	95	24 Nov.*
Water-pump	B. G. A. Harkness	18572	10 Oct. ..	86	27 Oct.*
Water scutching-attachment	H. Seifert	17819	20 April ..	83	13 Oct.
Water-tube boiler	J. Smail	18597	14 Oct. ..	91	10 Nov.*
Weatherboards	F. de J. Clere	18682	1 Nov. ..	91	10 Nov.*
Weed-cutter	W. Moses	18617	19 Oct. ..	91	10 Nov.*
Weed-eradicator	V. Karl	18866	16 Dec. ..	102	22 Dec.*
Weed-eradicator	H. Donkin	18794	28 Nov. ..	..	..
Weed-eradicator	E. D. Smith and J. T. Partridge ..	18678	29 Oct. ..	91	10 Nov.*
Weed-eradicator	G. Henderson, jun.	18835	5 Dec. ..	..	..
Weed-eradicator	E. G. A. Hille	18807	29 Nov. ..	98	8 Dec.*
Weed-eradicator	G. Henderson	18872	22 Dec. ..	..	..
Weeding-knife. (See Thinning and weeding knife.)					
Welt-operating machine	United Shoe Machinery Company	18691	3 Nov. ..	91	10 Nov.*
Wheel-lock and horse-stopper	T. Firth	17446	9 Jan. ..	95	24 Nov.
Wheel-rod	A. McDonald and S. R. Stedman	17099	10 Oct., 1903	91	10 Nov.
Wheel. (See also Trolley-wheel, Vehicle-wheel.)					
Wild-oats and grain separator	A. C. Wilson and J. C. McDonald	18833	3 Dec. ..	102	22 Dec.
Wind and water motor	L. T. Reichel	18640	21 Oct. ..	91	10 Nov.*
Wind-gauge for rifle	G. B. H. Austin	18546	4 Oct. ..	86	27 Oct.*
Wind-gauge sight for rifle	H. J. Paddock	18664	27 Oct. ..	..	..
Windmill	T. Danks	18825	1 Dec. ..	3	12 Jan., 1905.
Window	W. Edwards and T. Larsen ..	18578	11 Oct. ..	3	12 Jan., 1905.
Window-sash	F. de J. Clere	18674	29 Oct. ..	91	10 Nov.*
Window-sash	W. H. Terry	18616	18 Oct. ..	91	10 Nov.*

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Window-sash lock	J. Wiseman	17293	26 Nov., 1903	102	22 Dec.
Windows. (See also Anti-rattlers, Sash, Ventilating-window.)					
Wire-fence binder	T. W. Coulthard	18655	25 Oct.	..	..
Wire coiler and uncoiler	J. F. Ross and W. Wiggins	18876	20 Dec.	..	..
Wire-gauze screen, Roller for	J. M. Sibbit	18519	29 Sept.	91	10 Nov.*
Wire rope, Clamp for	A. E. Gill	18893	24 Dec.	6	26 Jan., 1905.
Wire-strainer	W. Norris	18844	5 Dec.	3	12 Jan., 1905.
Wire-strainer	F. M. Brewerton	18788	25 Nov.	..	..
Wire-strainer	G. Ingram and C. E. Thompson	18544	4 Oct.	..	..
Wire-strainer, Reel	J. Simmonds	18790	23 Nov.	3	12 Jan., 1905.
Wire-tightener	J. J. Ward	18785	24 Nov.	98	8 Dec.*
Wireless-telegraph transmitter	Marconi's Wireless Telegraph Company, Limited	18725	10 Nov.	98	8 Dec.
Wireless-telegraph system	H. Shoemaker	18731	10 Nov.	102	22 Dec.
Wire-woven mattress	T. J. A. Hicks and R. F. Way	18454	15 Sept.	86	27 Oct.*
Wood, Treating fatty	W. Hoskins	18500	28 Sept.	86	27 Oct.
Wood, Treating	T. Gare	18859	14 Dec.	3	12 Jan., 1905.
Wool, Mineral, making	F. T. Paten	18587	13 Oct.	86	27 Oct.*
Wool, Washing, &c.	H. Ashworth	18573	10 Oct.	91	10 Nov.
Woven-wire stretcher	E. Grundy	18577	11 Oct.	95	24 Nov.*
Wrapper. (See Postal wrapper.)					
Wrench. (See Pipe-wrench.)					
Wringing and measuring machine for skins	O. Gemeinhardt	18505	28 Sept.	86	27 Oct.
Writing-desk	J. H. Fuller	18792	23 Nov.	98	8 Dec.*

L.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF TRADE MARKS FOR QUARTER ENDING 31st DECEMBER, 1904.

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Æolian Company, The	New York, U. S. A.	9	4733	25 May	95	24 Nov.
Agricultural and Pastoral Food Company, Limited, The	Wellington, N.Z.	42	5040, 1	25 Nov.	98	8 Dec.
Agricultural and Pastoral Food Company, Limited, The	Wellington, N.Z.	42	5046	1 Dec.	98	8 Dec.
Aktiengesellschaft Vormals Seidel and Naumann	Dresden, Saxony	6	5050	1 Dec.	98	8 Dec.
Appleton, J. A., and another	Sydney, N.S.W.	1	4963	20 Oct.	86	27 Oct.
Arkel and Douglas	New York, U.S.A., and Sydney, N.S.W.	47	4958, 9	15 Oct.	86	27 Oct.
Asiatic Petroleum Company, Limited, The	London, England	47, 13	5034, 5	24 Nov.	98	8 Dec.
Asiatic Petroleum Company, Limited, The	London, England	47	5088	29 Dec.	..	12 Jan., 1905.
Auckland Pure Food Company, The. (See E. C. Hadfield.)						
Australian Explosives and Chemical Company, Limited, The	Melbourne, Victoria	2	5022	16 Nov.	98	8 Dec.
Bailey, G. E.	Christchurch, N.Z.	42	5068	12 Dec.	102	22 Dec.
Batkin, E. C.	Wellington, N.Z.	45	5000	8 Nov.	95	24 Nov.
Bay of Plenty Co-operative Dairy Association, Limited	Te Puke, N.Z.	42	5039		..	..
Beattie, Lang, and Co.	Wellington, N.Z.	42	5081	16 Dec.	102	22 Dec.
Bock, and Co., P.	Auckland, N.Z.	3	5089	29 Dec.	..	..
Bock, J. A.	Auckland, N.Z.	3	4938	28 Sept.	95	24 Nov.
British Columbia Packers Association, The	Vancouver, B.C.	42	4941	29 Sept.	86	27 Oct.
British Columbia Packers Association, The	Vancouver, B.C.	42	5004, 9	10 Nov.	..	..
British Columbia Packers Association, The	Vancouver, B.C.	42	5005-8, 5010	10 Nov.	95	24 Nov.
British Columbia Packers Association, The	Vancouver, B.C.	42	5011	10 Nov.	102	22 Dec.
Browne Bros. and Geddes	Auckland, N.Z.	42	5020	14 Nov.	95	24 Nov.
Buchanan, Limited, W.	Auckland, N.Z.	42	5057	3 Dec.	98	8 Dec.
Bycroft, Limited	Auckland, N.Z.	42	4946	1 Oct.	86	27 Oct.
California Fig Syrup Company (Inc.)	San Francisco, U.S.A., and London, England	3	5030, 2	22 Nov.	..	..
Carr and Son	New Southgate, England	50	4512	12 Jan.	91	10 Nov.
Chapman, Deekes, and Co., F.	London, England	13	5075	14 Dec.	102	22 Dec.
Christie, A.	Gore, N.Z.	42	4957	14 Oct.	91	10 Nov.
Chrystall and Co. (See Neill and Co., Limited.)						

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Clarke, ¹ Nickolls, and Coombs, Limited	London, England ..	42	5043	29 Nov. ..	98	8 Dec.
Clarke, Nickolls, and Coombs, Limited	London, England ..	42	5044	29 Nov. ..	102	22 Dec.
Clay and Bock and Co., Limited, H. ..	London, England, and Havana, Cuba ..	45	5063-5	9 Dec. ..	102	22 Dec.
Clay and Bock and Co., Limited, H. ..	London, England, and Havana, Cuba ..	45	5085	22 Dec. ..	3	12 Jan., 1905.
Cowley, A., and another	London, England ..	42	5028	22 Nov. ..	102	22 Dec.
Cudby, G., and another, ...	Lower Hutt, N.Z. ..	50	4949	4 Oct. ..	83	13 Oct.
Dally, E.	Masterton, N.Z. ..	42	5083	19 Dec. ..	6	26 Jan., 1905.
Dannevirke Woodware Manufacturing Company, The. (See A. L. Gordon and Co.)						
Davies and Fehon, Limited	Sydney, N.S.W. ..	47	5080	15 Dec. ..	102	22 Dec.
De Lisle, De B., and another	Gisborne, N.Z. ..	2	4608	15 March ..	95	24 Nov.
De Luen Bros.	Palmerston North, N.Z. ..	38	5036	24 Nov. ..	..	..
Dickinson, C.	Dunedin, N.Z. ..	45	4887	29 Aug. ..	86	27 Oct.
Durie and Co., A.	Dunedin, N.Z. ..	42	4994	4 Nov. ..	91	10 Nov.
Durie and Co., A.	Dunedin, N.Z. ..	42	5069	12 Dec. ..	102	22 Dec.
Electro-Silicon Company, The	New York, U.S.A. ..	50	4978	27 Oct. ..	91	10 Nov.
Espenhahn, E., and others	Sydney, N.S.W. ..	2	4966	21 Oct. ..	91	10 Nov.
Felton, Grimwade, and Co.	Melbourne, Victoria ..	42	4989	3 Nov. ..	91	10 Nov.
Finn, G., and another	Wellington, N.Z. ..	13	5012	10 Nov. ..	95	24 Nov.
Fletcher, Humphreys, and Co.	Christchurch, N.Z. ..	42	5045	1 Dec. ..	98	8 Dec.
Francis Chapman, Deekes, and Co. ..	London, England ..	13	5075	14 Dec. ..	102	22 Dec.
Fulford, G. T.	Brockville, Canada ..	3	4982	31 Oct. ..	91	10 Nov.
Giesen, W. B., and another	Wanganui, N.Z. ..	42	5078	15 Dec. ..	3	12 Jan., 1905.
Gilberd and Sons, J. B.	Wanganui, N.Z. ..	47	4961	17 Oct. ..	86	27 Oct.
Gilbert Machinery Company, Limited, The	Wellington, N.Z. ..	16, 47	5023, ¹ 4	16 Nov. ..	98	8 Dec.
Globe Proprietary, Limited, The	Auckland, N.Z. ..	7	5037	25 Nov. ..	..	..
Gordon and Co., A. L.	Dannevirke, N.Z. ..	50	5002	8 Nov. ..	..	..
Graham, R.	Pitlair, Scotland ..	42	4981	31 Oct. ..	91	10 Nov.
Green and Colebrook, Limited	Ngaruawahia, N.Z. ..	4972-4	4, 42, 47	22 Oct. ..	86	27 Oct.
Guthridge, Limited, N.	Wellington, N.Z. ..	50	4965	20 Oct. ..	86	27 Oct.
Gutta Percha and Rubber Manufacturing Company of Toronto, Limited, The	Toronto, Canada ..	38	5051	29 Nov. ..	..	..
Gutta Percha and Rubber Manufacturing Company of Toronto, Limited, The	Toronto, Canada ..	40, 50	5052, 3	29 Nov. ..	98	8 Dec.
Hadfield, E. C.	Auckland, N.Z. ..	42	4960	15 Oct. ..	91	10 Nov.
Hadfield, E. C.	Auckland, N.Z. ..	42	5015	12 Nov. ..	95	24 Nov.
Hannagan, F.	Opoho, N.Z. ..	3	4950	5 Oct. ..	..	..
Hawkes' Bay Co-operative Dairy Company, The. (See Beattie, Lang, and Co.)						
Hean, G. W.	Wanganui, N.Z. ..	3	4997, 8	7 Nov. ..	95	24 Nov.
Hennessy and Co., J.	Cognac, France ..	43	4967	21 Oct. ..	95	24 Nov.
Hennessy and Co., J.	Cognac, France ..	43	4968	21 Oct. ..	98	8 Dec.
Hennessy and Co., J.	Cognac, France ..	43	4969	21 Oct. ..	102	22 Dec.
Hennessy and Co., J.	Cognac, France ..	43	4970	21 Oct. ..	3	12 Jan., 1905.
Henry, W., and another	Lower Hutt, N.Z. ..	50	4949	4 Oct. ..	83	13 Oct.
Higgins, F. E.	Cambridge, N.Z. ..	3	5082	16 Dec. ..	102	22 Dec.
Histed, J. R., and another	London, England ..	42	5028	22 Nov. ..	102	22 Dec.
Holbrooks Limited	Birmingham, England ..	42	4991	3 Nov. ..	91	10 Nov.
Hutt Valley Timber Company, The. (See W. Henry and G. Cudby.)						
Hyde, A.	Te Awamutu, N.Z. ..	44	5001	8 Nov. ..	95	24 Nov.
Independent Starch Company	New York, U.S.A. ..	42	4873	17 Aug. ..	95	24 Nov.
Inglewood Co-operative Bacon-curing Company, Limited, The	Inglewood, N.Z. ..	42	5003	10 Nov. ..	95	24 Nov.
Inglis Bros. (See T. Inglis.)						
Inglis, T.	Wellington, N.Z. ..	6	5070	13 Dec. ..	3	12 Jan., 1905.
Inglis, T.	Wellington, N.Z. ..	13, 22, 40	5071-3	13 Dec. ..	102	22 Dec.
Ingram, G., and another	Lower Moutere, N.Z. ..	7	5021	14 Nov. ..	95	24 Nov.
Izard, W. A., and another	Wanganui, N.Z. ..	42	5078	15 Dec. ..	3	12 Jan., 1905.
Jones and Son, Limited, H. I.	Wanganui, N.Z. ..	39	4926	20 Sept. ..	86	27 Oct.
Jones, E. V.	Christchurch, N.Z. ..	42	5013	10 Nov. ..	95	24 Nov.
Keddie, J. H.	Greymouth, N.Z. ..	3	5067	9 Dec. ..	..	..
Kingsland, W. J.	New York, U.S.A. ..	50	4992	3 Nov. ..	91	10 Nov.
Kirkcaldie and Stains, Limited	Wellington and Napier, N.Z. ..	27	4948	3 Oct. ..	83	13 Oct.
Lennon, F. J.	Rockhampton, Q. ..	3	4928	22 Sept. ..	86	27 Oct.
Lever Bros., Limited	Balmain, N.S.W. ..	42	4914	15 Sept. ..	91	10 Nov.
Lever Bros., Limited	Balmain, N.S.W. ..	47, 48	4955, 6	13 Oct. ..	86	27 Oct.
Linde British Refrigeration Company, Limited, The	London, England ..	47	5031	22 Nov. ..	98	8 Dec.

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Lisle, de. (See under De.)						
Loopuyt, P.	Schiedam, Holland ..	43	5017	14 Nov. ..	98	8 Dec.
Loopuyt and Co., P. (See P. Loopuyt.)						
Luen, de. (See under De.)						
Luttrell, E. V., and another ..	Gisborne, N. Z. ..	2	4608	15 March ..	95	24 Nov.
Maling and Dixon. (See T. J. Maling.)						
Maling, T. J.	Christchurch, N.Z. ..	42	4953	10 Oct. ..	86	27 Oct.
Manson, H. J.	Palmerston North, N.Z. ..	7	4983	1 Nov. ..	91	10 Nov.
Marechal Ruchon and Co., Limited ..	London, England, and St. Claude & Paris, France	50	5059	6 Dec. ..	..	..
Marechal Ruchon and Co., Limited ..	London, England, and St. Claude & Paris, France	50	5060, 1	6 Dec. ..	98	8 Dec.
Marechal Ruchon and Co., Limited ..	London, England, and Paris, France	50	5090	29 Dec. ..	3	12 Jan., 1905.
Martial and Cie. (See J. R. Histed and A. Cowley.)						
Martin, F. L., and others	Sydney, N.S.W. ..	2	4966	21 Oct. ..	91	10 Nov.
Martin, V. E., and others	Sydney, N.S.W. ..	2	4966	21 Oct. ..	91	10 Nov.
McArthur, W. and A., South Africa, Limited	Sydney, N.S.W. ..	42	4935	28 Sept. ..	86	27 Oct.
McLeod and Co., C.	Napier, N.Z. ..	47	5055, 6	3 Dec. ..	98	8 Dec.
Me'da Proprietary	Wellington, N.Z. ..	3	4990	3 Nov. ..	3	12 Jan., 1905.
Middlemas, R.	London, England ..	45	4984	1 Nov. ..	91	10 Nov.
Minerva Motors, Limited	London, England ..	22	5029	22 Nov. ..	98	8 Dec.
Murias y Ca, J. S.	New York, U.S.A. ..	45	5066	9 Dec. ..	102	22 Dec.
Nathan and Co., Limited, J.	Wellington, N.Z. ..	42	4987	1 Nov. ..	95	24 Nov.
Nathan and Co., Limited, J.	Wellington, N.Z. ..	42	5014	10 Nov. ..	..	..
Neil, J. G.	Invercargill, N.Z. ..	2, 3	4976, 7	24 Oct. ..	91	10 Nov.
Neill and Co., Limited	Christchurch, N.Z. ..	50	4996	5 Nov. ..	91	10 Nov.
New Zealand Dairy Association, Limited, The	Auckland, N.Z. ..	42	4971	22 Oct. ..	86	27 Oct.
North British Rubber Company, Limited	Edinburgh, Scotland ..	38	4828	22 July ..	95	24 Nov.
Parsons, The Hon. C. A.	Newcastle-on-Tyne, Eng. ..	6	4985	1 Nov. ..	91	10 Nov.
Parsons, The Hon. C. A.	Newcastle-on-Tyne, Eng. ..	13	4986	1 Nov. ..	95	24 Nov.
Paterson and Co., A. S.	Wellington, N.Z. ..	42	5079	15 Dec. ..	..	..
Pike, A. S., and another	Wellington, N.Z. ..	13	5012	10 Nov. ..	95	24 Nov.
Pope Manufacturing Company	New York, U.S.A. ..	22	4525, 6, 7, 9	20 Jan. ..	83	13 Oct.
Prieto, M.	Manila, Philippine I. ..	45	4962	18 Oct. ..	86	27 Oct.
Rogers, A.	Ottawa, Canada ..	3	5076	14 Dec. ..	102	22 Dec.
Ross and Glendining, Limited ..	Invercargill, N.Z. ..	38	5042	28 Nov. ..	98	8 Dec.
Sargood, Son, and Ewen	New Zealand ..	13	4999	7 Nov. ..	95	24 Nov.
Sargood, Son, and Ewen	New Zealand ..	38	5054	1 Dec. ..	98	8 Dec.
Schlitz Brewing Company, The Jos. ..	Milwaukee, U.S.A. ..	43	5077	14 Dec. ..	..	..
Scott, W. A.	Dunedin, N.Z. ..	18	4995	4 Nov. ..	..	..
Scrubb and Co., Limited	London, England ..	47, 48	5018, 9	14 Nov. ..	98	8 Dec.
Seidel and Naumann. (See Aktiengesellschaft.)						
Shacklock, Limited, H. E.	Dunedin, N.Z. ..	18	5016	14 Nov. ..	95	24 Nov.
Smith and Smith	Dunedin, N.Z. ..	1	4447	15 Nov. 1903	98	8 Dec.
Sociedad Anonima Germinal Fabrica de Tobaccos. (See M. Prieto.)						
South British Packing Company. (See A. S. Paterson and Co.)						
Southern Cross Biscuit Company, Limited, The	Wanganui, N.Z. ..	42	5062	8 Dec. ..	102	22 Dec.
Southern Medical and Manufacturing Company	Christchurch, N.Z. ..	3	4988	2 Nov. ..	91	10 Nov.
Spinner and Co., E.	Manchester, Eng., and Bombay, India	24	5084	22 Dec. ..	3	12 Jan., 1905.
Standard Oil Company of New York ..	New York, U.S.A. ..	47	4993	3 Nov. ..	..	..
Standard Paint Company, The	New York, U.S.A. ..	50	5047, 8	1 Dec. ..	6	26 Jan., 1905.
Strange and Company, Limited, W. ..	Christchurch, N.Z. ..	38	4980	28 Oct. ..	95	24 Nov.
Sykes, A. E.	New Plymouth, N.Z. ..	2	4979	28 Oct. ..	..	..
Te Rau a Moa Co-operative Dairy Company, Limited	Te Rau a Moa, N.Z. ..	42	4945	1 Oct. ..	83	13 Oct.
Thawley, J.	Wellington, N.Z. ..	42	4954	10 Oct. ..	91	10 Nov.
Thompson, C. E., and another	Lower Moutere, N.Z. ..	7	5021	14 Nov. ..	95	24 Nov.
Tranter, J.	Christchurch, N.Z. ..	6	4951	6 Oct. ..	86	27 Oct.
Trevithick, A.	Auckland, N.Z. ..	43	5038	25 Nov. ..	98	8 Dec.
Turnbull and Co., W. and G.	Wellington, N.Z. ..	42	4231	9 June, 1903	98	8 Dec.
Tyree and Co., A.	Christchurch, N.Z. ..	38	5033	23 Nov. ..	98	8 Dec.
Ulander, J. J.	Ekon, Sweden ..	7	5049	1 Dec. ..	..	..
Victor Butter and Export Box Company Proprietary, Limited	Melbourne, Vic. ..	50	5074	14 Dec. ..	..	..

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

Name.	Address.	Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
Walters and Co. (See R. Middlemas.)	Sydney, N.S.W. ..	1	4963	20 Oct. ..	86	27 Oct.
Walters, H., and another						
Wendel and Co., I. (See A. Trevithick.)						
Whiley Bros. (See R. and F. Whiley.)						
Whiley, F., and another	Ohau, N.Z. ..	2	4947	3 Oct. ..	87	13 Oct.
Whiley, R., jun., and another ..	Ohau, N.Z. ..	2	4947	3 Oct. ..	83	13 Oct.
Whitcher, F. W.	Boston, U.S.A. ..	40	5058	5 Dec. ..	98	8 ¹ / ₂ Dec.
Williams Medicine Company, The Dr. (See G. T. Fulford.)	London, England ..	3	4964	20 Oct. ..	86	27 Oct.
Willoughby, A. F.						
Wilson, Balk, and Co.						
Wilton, G. W.						
Woodhead, C. H.						
	Dunedin, N.Z. ..	42	5025-7	19 Nov. ..	98	8 Dec.
	Wellington, N.Z. ..	48	4952	7 Oct. ..	86	27 Oct.
	Auckland, N.Z. ..	50	4975	22 ¹ / ₂ Oct. ..	86	27 Oct.
Ziele, C. W.	St. Albans, N.Z. ..	50	5087	29 Dec. ..	3	12 Jan., 1905.
Zohrab and Co.	Wellington, N.Z. ..	42	5086	23 Dec. ..	3	12 Jan., 1905.

M.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS FOR QUARTER
ENDING 31ST DECEMBER, 1904.

Name.	Address.	No of Class.	Application.		Gazette.	
			No.	Date.	No.	Date.
McTaggart, J., jun.	Morven, N.Z. ..	1	222	3 Dec. ..	102	22 Dec.
Rodier, G.	Dunedin, N.Z. ..	2	221	19 Nov. ..	95	24 Nov.

By Authority: JOHN MACKAY, Government Printer, Wellington.—1905.

