I have the honour, in compliance with the requirements of the Patents, Designs, and Trade Marks Act, to submit my report on the proceedings thereunder during the past year.

The total number of applications received in respect of patents, designs, and trade marks was 2,695, an increase of 236 on the total for 1909, and a considerable advance in the number for any other year.

The revenue amounted to £8,314 9s. 11d., £299 17s. 9d. more than in 1909; and the expenditure to £2,669 9s. 5d., £153 5s. 11d. less than in that year. The increase in the receipts over the expenditure in 1910 as compared with 1909 was therefore £453 3s. 8d.; and, as the latter year showed an increase of £543 14s. 2d. over the preceding twelve months, the amount received in excess of that expended was greater last year by £996 17s. 10d. than it was in 1908. The balance for the year, £3,645 Os. 6d., brings the total surplus of the office since the commencement of the Act on the 1st January, 1890, up to £51,288 17s. 1d.

According to the latest figures available the expenditure in New Zealand is 42 per cent. of the revenue, in the United Kingdom 68 per cent., and in the United States of America, where most of the revenue is devoted to fostering invention, 87 per cent.

While the facilities afforded inventors have been considerably extended, they are still somewhat deficient in certain respects, and, in order to enable greater benefit to be derived from our patent laws, I beg to again recommend:—

1. That copies of specifications and drawings be printed and supplied to the public at the lowest possible price.—At present the cost of copies debars them from being freely procured, and the publicity that should be given to inventions is thus restricted. If copies were sold at a small cost inventors would be enabled to readily ascertain and effect improvements in existing appliances, and I submit that, if it is considered the time has not yet arrived for the printing of all specifications, at least those should be done relating to our principal industries and in which the public are chiefly interested.

2. That steps be taken to enable inventions patented in other countries to be known here.—To attain success inventors must know the latest advances on the subject in which they are engaged, not only in this but in other countries. Printed copies of the specifications and drawings of Great Britain, Australia, United States, Canada, and most European countries can be obtained for a small amount, and should as far as possible be kept at as many libraries throughout the country as can afford the space for them.

3. That further examination be made into novelty.—This office is not required by law to inquire into the novelty of inventions sought to be patented, and has no special staff for the purpose. It is, I think, highly desirable that the investigation undertaken in this direction should be extended, and provision made for more fully ascertaining whether such inventions are new.

4. That the accommodation be increased.—The premises at present occupied by the office are inadequate, and, as a matter of fact, afford only about the same space as those vacated over ten years ago, when the business was half what it now is. Apart from the inconvenience to the public and staff, the restricted space makes the proper arrangement of papers and books a matter of much difficulty, and the lack of safe accommodation endangers a large number of documents which should be guarded from loss or destruction.

1—H. 10.
PATENTS.

1,831 applications were received, an increase of 126 on the total for 1909, being the highest number yet recorded in any year. Of these, 1,138 were accompanied by provisional specifications, and 693 by complete specifications; while 301 complete specifications were lodged with applications for which provisional specifications had already been filed, thus making a total of 2,132 specifications during the year, or 141 more than in the previous twelve months.

The fees in respect of patents amounted to £25,159 10s. 6d., an increase of £256 17s. 10d. on the sum received in 1909, the greater number of applications, patents secured, and renewal fees for the second terms of patents granted four years ago accounting for the additional amount. There was a falling-off in the number of third-term fees paid for patents granted seven years ago as compared with those received in the previous year, though a larger number of patents was granted in 1903 than in 1902. Table C shows the number of the various applications and fees in respect of them.

The total number of applications pending is 1,680, and there are 3,790 patents in force, 2,432 in the first, 751 in the second, and 607 in the third term. No patents are in force for an extended term.

While the investigation into the novelty of inventions is necessarily restricted, it results in the refusal of a certain number of applications and the limiting of the claims in others.

The following table shows the proportion of applications accepted, and to which exception was taken, to the total number received.

<table>
<thead>
<tr>
<th>Accepted without Alteration</th>
<th>Accepted on Alteration</th>
<th>Not accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without being questioned</td>
<td></td>
<td></td>
</tr>
<tr>
<td>On Ground of Novelty</td>
<td>On Ground of Informality</td>
<td>On Ground of Novelty</td>
</tr>
<tr>
<td>After being questioned</td>
<td></td>
<td></td>
</tr>
<tr>
<td>606</td>
<td>135</td>
<td>6</td>
</tr>
<tr>
<td>52</td>
<td>111</td>
<td>96</td>
</tr>
<tr>
<td>19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[Note.—As many applications for the latter half of the year 1910 are still pending and may be accepted with or without amendment, it was thought desirable to compile this table as for the twelve months beginning 1st June, 1909, and ending 31st May, 1910.]

No official examination, however, can afford any guarantee of the validity of a patent, and in the cases in which this question was raised before the Courts last year one out of every four patents was upset in the United States, and nearly one in two in the United Kingdom. The best safeguard is a thorough search by the applicant or his agent before making application, or as soon as the provisional specification is filed; but this seems to be, unfortunately, not generally undertaken, no doubt owing in a great measure to the difficulty to which I have alluded of referring to prior publications on the subject. It should be borne in mind that attempting to define an invention without a thorough knowledge of the subject to which it relates is like trying to prepare a title-deed to land without a proper acquaintance with its boundaries; and applicants should realize the great importance of carefully referring to prior applications and other publications, or instructing their agents to do so, before preparing their specifications in the matter. If proper inquiry were made into the novelty and probable success of inventions much useless expenditure would be avoided in patenting them in New Zealand as well as in other countries where, if the possibilities are in some cases greater, the keener competition and absence of personal supervision render the chances of the adoption of inventions even less than they are here. It may be of interest to mention that fifty patents were granted to residents of this country in the United States in 1908, and that they made 120 applications for patents last year in the United Kingdom.

COUNTRIES FROM WHICH APPLICATIONS RECEIVED.

Residents of New Zealand lodged 1,240 applications, 115 more than last year, and 67 per cent. of the total number received; 150 were sent from the United Kingdom, about the same number as in 1909; 19 from Canada; and 120 from the United States, 6 less than in the preceding year. Germany contributed 15, and 23 were received from other European countries. The applications from Australia, which fell from 321 in 1907 to 258 in 1908 and 259 in 1909, showed a slight increase last year, numbering 258.

TREND OF INVENTION.

A noteworthy increase is shown in the applications in respect of dairying—110 in 1910 (milking-machinery 55, and other appliances 55), as compared with 67 in 1909; and a greater number was also received for fibre-dressing 70 (69), engines and accessories (particularly rotary and turbine) 116 (72), boxes, cans, and casks 40 (29), electricity 35 (17) (electric cooking and heating appliances preponderating), cultivating and tilling 32 (29), wearing-apparel and the like 57 (44) (the inventions in this class relating chiefly to hat-pins). In amusements, with aeronautics 20 (27), cutting, sawing, and tools 38 (48), gas-manufacture 29 (37), kitchen utensils 41 (56), and printing and photography 14 (32). The figures in parentheses are the numbers for the previous year.
INTERNATIONAL CONVENTION.

Last year was somewhat remarkable for the number of applications under the Convention and reciprocal arrangements with Australia, 1114 being received, or 6 per cent. of the total for the year. To show the increasing extent to which the provisions of the Convention are availed of, I append a statement of the number of applications under the Convention in each of the last five years, with total received.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Number of Applications</th>
<th>Number of Applications under the Convention</th>
</tr>
</thead>
<tbody>
<tr>
<td>1906</td>
<td>1,745</td>
<td>29</td>
</tr>
<tr>
<td>1907</td>
<td>1,618</td>
<td>48</td>
</tr>
<tr>
<td>1908</td>
<td>1,527</td>
<td>39</td>
</tr>
<tr>
<td>1909</td>
<td>1,705</td>
<td>78</td>
</tr>
<tr>
<td>1910</td>
<td>1,831</td>
<td>114</td>
</tr>
</tbody>
</table>

WOMEN INVENTORS.

Thirty applications were received from women, or about \( \frac{1}{6} \) per cent. of the total received. Such applications relate to inventions for a vehicle-wheel, bicycle-saddle, sewing-machine, piano-attachment, and such household requirements as a window-cleaner, toast-rack, food-warmer, saucepan, kettle, curtain-ring, venetian-blind mechanism. In England 671 applications were received in 1910 from women inventors—i.e., 2 per cent. of the total number of applications.

NUMBER OF PATENTS APPLIED FOR AND SEALED, ETC., IN VARIOUS COUNTRIES.

The following table shows the number of applications in various countries, the proportion thereof to the population, and the number of patents sealed for the year 1908:

<table>
<thead>
<tr>
<th>Country</th>
<th>Applications filed</th>
<th>Patents sealed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Numbers.</td>
<td>Proportion per 10,000 of Population.</td>
</tr>
<tr>
<td>Australia</td>
<td>2,840</td>
<td>6-2</td>
</tr>
<tr>
<td>Austria</td>
<td>8,480</td>
<td>3-1</td>
</tr>
<tr>
<td>Belgium</td>
<td>8,186</td>
<td>11-5</td>
</tr>
<tr>
<td>Canada (1907)</td>
<td>7,027</td>
<td>10-3</td>
</tr>
<tr>
<td>Cuba</td>
<td>270</td>
<td>1-3</td>
</tr>
<tr>
<td>Denmark</td>
<td>1,872</td>
<td>7-2</td>
</tr>
<tr>
<td>France</td>
<td>14,893</td>
<td>7-8</td>
</tr>
<tr>
<td>Germany, Patents</td>
<td>40,312</td>
<td>0-6</td>
</tr>
<tr>
<td>&quot; Gebrauchmuster</td>
<td>45,524</td>
<td>0-7</td>
</tr>
<tr>
<td>Great Britain</td>
<td>28,558</td>
<td>6-4</td>
</tr>
<tr>
<td>Hungary</td>
<td>4,126</td>
<td>2-6</td>
</tr>
<tr>
<td>Italy</td>
<td>6,705</td>
<td>2-6</td>
</tr>
<tr>
<td>Japan, Patents</td>
<td>5,238</td>
<td>1-1</td>
</tr>
<tr>
<td>&quot; Gebrauchmuster</td>
<td>10,510</td>
<td>2-2</td>
</tr>
<tr>
<td>Mexico</td>
<td>1,126</td>
<td>0-8</td>
</tr>
<tr>
<td>New Zealand</td>
<td>1,527</td>
<td>16-2</td>
</tr>
<tr>
<td>Norway</td>
<td>1,483</td>
<td>6-2</td>
</tr>
<tr>
<td>Portugal</td>
<td>416</td>
<td>0-7</td>
</tr>
<tr>
<td>Spain</td>
<td>2,307</td>
<td>1-2</td>
</tr>
<tr>
<td>Sweden</td>
<td>2,974</td>
<td>5-5</td>
</tr>
<tr>
<td>Switzerland</td>
<td>4,586</td>
<td>13-8</td>
</tr>
<tr>
<td>Tunis</td>
<td>83</td>
<td>0-4</td>
</tr>
<tr>
<td>United States of America</td>
<td>60,142</td>
<td>6-8</td>
</tr>
</tbody>
</table>

(Reprinted—except as regards proportion of applications to population—from *La Propriété Industrielle*.)

DESIGNS.

The number of designs registered annually appears to be steadily decreasing; and this form of protection, which is well suited for countries with their manufactures in an advanced state, does not seem to be at present of much use in New Zealand. Last year 46 registrations were effected, as compared with 51 in 1909 and 79 in 1908.

TRADE MARKS.

The increase in the number of trade marks annually registered appears to afford satisfactory evidence of progress in trade and commerce. Last year applications showed an advance of 115, or 16 per cent. on the total for 1909; 335, or 40 per cent., being from residents of this country, and 483 from abroad.

A corresponding increase is noticeable in the revenue, which amounted to £1,091 14s. 11d. under this head, £92 6s. 6d. more than in the preceding year.
Countries from which Applications received.

Applications from New Zealand numbered 335, as compared with 328 in the preceding year. From the United Kingdom 250 were received, from the United States 65, and 98 from the Commonwealth.

Goods for which Trade Marks were registered.

With few exceptions, but little variation is shown in the number of applications in each class by year, a gradual increase being observable in most of them. Clause 42 (Food substances), always the class in which most marks are registered, has shown but little difference in the last three years, and the same remark applies to other leading classes, such as 3 (Medicines), 6 (Machinery), 13 (Metal goods), 38 (Clothing), 39 (Stationery). The principal classes in which increases occur are 1 (Chemical substances used in manufactures, photography, &c.), 14 (Goods of precious metal), 22 (Carriages), 40 (Goods manufactured from indiarubber), 47 (Candles, soap, &c.), 50 (Miscellaneous); while there is a falling-off in Class 5 (Unwrought and partly wrought metals), 15 (Porcelain and earthenware), 29 (Explosive substances), 48 (Perfumery).

Reference to Court.

In accordance with the provisions of the Act, an application for registration of a trade mark similar to one on the Register but used prior to 1890 was, in accordance with the provisions of the Act, referred to the Court, which allowed registration.

General.

Opposition.

Notices of opposition were lodged in respect of 18 applications, and 1 appeal was heard during the year by the Court and disallowed.


One name was added to the Register of Patent Agents in 1910, bringing the total number on the Register at the end of the year to 77. The examination-paper set in this case is attached.

While the office is glad to afford inventors every assistance in its power, it does not come within its province to prepare specifications and other documents, and unless familiar with such work applicants are no doubt well advised to employ a competent patent agent.

Conclusion.

In acknowledging the services of the staff, I beg to draw attention to the fact that it is now hardly adequate for the work of the office, and that to this is due the delay in the issue of this report.

The Appendix hereto contains:

<table>
<thead>
<tr>
<th>Table</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper set at Examination for Registration of Patent Agent</td>
<td>5</td>
</tr>
</tbody>
</table>

And the following tables and lists, viz.:

A. Balance-sheet of Income and Expenditure for the Year ended 31st December, 1910 | 5 |
B. Table showing Revenue and Expenditure for each of the Last Eight Years | 6 |
C. Particulars of Fees received from the 1st January to the 31st December, 1910 | 6 |
D. Staff of Officers, and Salaries | 7 |
E. Total Number of Applications for Patents, and Registration of Designs and Trade Marks, recorded for the years 1890 to 1910 inclusive | 7 |
F. Number of Provisional and Complete Specifications received, &c. | 7 |
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 | 8 |
H. Number of Applications for Patents from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1908, 1909, and 1910 | 8 |
I. Table showing Number of Applications for the Different Classes of Inventions for each of the Years 1908, 1909, and 1910 | 9 |
J. Number of Applications for Registration of Trade Marks from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1908, 1909, and 1910 | 10 |
K. Designs: Table showing Number of Applications in each of the Fourteen Classes to end of 1907 and in the Years 1908, 1909, and 1910 respectively | 10 |
L. Number of Applications to register Trade Marks, in the Fifty Different Classes in each of the Years 1908, 1909, and 1910 | 11 |
M. Alphabetical List of Applicants for Patents for the Year ended 31st December, 1910 | 12 |
N. Classified List of Inventions for which Letters Patent have been applied for during the year ended 31st December, 1910 | 39 |
O. Alphabetical List of Applicants for Registration of Trade Marks during the year ended 31st December, 1910 | 55 |
P. Alphabetical List of Applicants for Registration of Designs during the year ended 31st December, 1910 | 62 |
Q. Number Index of Proceedings in respect of Applications filed in 1910 | 63 |


J. C. Lewis,
Registrar.
APPENDIX.

EXAMINATION-PAPER FOR CANDIDATES FOR REGISTRATION AS PATENT AGENTS.

1. What is a patent right, and what factors are necessary to a valid patent?
2. What is a manufacture?
3. What is meant by "newness of manufacture" and "prior publication"?
4. Can a patent for a new use of a known contrivance be granted?
5. What is the meaning of "true and first inventor"?
6. What are the requisites of—
   (a.) A provisional specification, and
   (b.) A complete specification?
7. What is the object and effect of provisional protection?
8. State shortly the provisions under which reciprocal arrangements for the protection of inventions may be entered into by other colonies and foreign nations.
9. What are the rights of the Crown in regard to the use of a patent by an individual in New Zealand?
10. How can an extension of the term of a patent be obtained?
11. For what period and upon what grounds may the extension of the term be granted?
12. What are the essentials of a trade mark, and what are the remedies for an infringement of a registered trade mark?
13. What is the general rule as to infringement of trade marks and trade names?
14. Where A introduces into the market an article which, though previously known to exist, is new, as an article of commerce, and has acquired a reputation in the market by a name not merely descriptive of the article, can B legally sell a similar article in the same name?
15. What are the rights of an assignee of a registered trade mark?
16. Is it necessary to establish fraud in order to make a defendant liable for damages or to render an account of his profits in an action for infringement of a trade mark?

A.—Balance-sheet of Income and Expenditure for the Year ended 31st December, 1910.

<table>
<thead>
<tr>
<th>Income</th>
<th>£</th>
<th>s.</th>
<th>d.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patent fees</td>
<td>...</td>
<td>5,159</td>
<td>10</td>
</tr>
<tr>
<td>Design fees</td>
<td>...</td>
<td>25</td>
<td>1</td>
</tr>
<tr>
<td>Trade-mark fees</td>
<td>...</td>
<td>1,091</td>
<td>14</td>
</tr>
<tr>
<td>Sale of Acts, Gazettes, Name Index, &amp;c.</td>
<td>...</td>
<td>38</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenditure</th>
<th>£</th>
<th>s.</th>
<th>d.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>...</td>
<td>1,155</td>
<td>0</td>
</tr>
<tr>
<td>Clerical assistance</td>
<td>...</td>
<td>231</td>
<td>9</td>
</tr>
<tr>
<td>Copying specifications</td>
<td>...</td>
<td>11</td>
<td>18</td>
</tr>
<tr>
<td>Fees to Patent Office Agents</td>
<td>...</td>
<td>109</td>
<td>10</td>
</tr>
<tr>
<td>Binding printed specifications, &amp;c., presented to Office by other countries*</td>
<td>...</td>
<td>39</td>
<td>2</td>
</tr>
<tr>
<td>Printing Patents Gazette</td>
<td>...</td>
<td>807</td>
<td>19</td>
</tr>
<tr>
<td>Other printing and binding</td>
<td>...</td>
<td>167</td>
<td>7</td>
</tr>
<tr>
<td>Stationery</td>
<td>...</td>
<td>23</td>
<td>18</td>
</tr>
<tr>
<td>Stamps</td>
<td>...</td>
<td>39</td>
<td>0</td>
</tr>
<tr>
<td>Books, patent laws, &amp;c.</td>
<td>...</td>
<td>32</td>
<td>4</td>
</tr>
<tr>
<td>Telephone</td>
<td>...</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td>Typewriter</td>
<td>...</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Payments refunded</td>
<td>...</td>
<td>33</td>
<td>19</td>
</tr>
<tr>
<td>Balance for the year</td>
<td>...</td>
<td>3,645</td>
<td>0</td>
</tr>
</tbody>
</table>

£6,314 9 11

* Printing and binding done and figures supplied by Government Printing Office.
C.—Particulars of Fees received from the 1st January to the 31st December, 1910.

<table>
<thead>
<tr>
<th>Year</th>
<th>Receipts</th>
<th>Expenditure</th>
<th>Surplus</th>
</tr>
</thead>
<tbody>
<tr>
<td>1903</td>
<td>2,000 2 7</td>
<td>1,557 1 3</td>
<td>2,632 1 2</td>
</tr>
<tr>
<td>1904</td>
<td>4,022 19 6</td>
<td>1,775 17 1</td>
<td>2,867 1 7</td>
</tr>
<tr>
<td>1905</td>
<td>4,070 2 6</td>
<td>2,297 9 8</td>
<td>2,672 12 10</td>
</tr>
<tr>
<td>1906</td>
<td>6,041 0 6</td>
<td>2,237 19 1</td>
<td>3,403 1 5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Receipts</th>
<th>Expenditure</th>
<th>Surplus</th>
</tr>
</thead>
<tbody>
<tr>
<td>1907</td>
<td>5,916 4 6</td>
<td>2,602 4 10</td>
<td>3,313 19 8</td>
</tr>
</tbody>
</table>

*Renewal fees. In 1908 the renewal fees for all marks registered prior to the commencement of the Act of 1890 were payable.

**Patents.**

<table>
<thead>
<tr>
<th>Description</th>
<th>Number</th>
<th>Fees.</th>
<th>Amount received.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applications for patents with provisional specifications</td>
<td>1,126</td>
<td>£ 1</td>
<td>£ 1,126</td>
</tr>
<tr>
<td>Applications for patents with complete specifications</td>
<td>703</td>
<td>0 10</td>
<td>703</td>
</tr>
<tr>
<td>Complete specifications left after provisional specifications</td>
<td>301</td>
<td>0 10</td>
<td>301</td>
</tr>
<tr>
<td>Applications to amend specifications</td>
<td>9</td>
<td>0 10</td>
<td>9</td>
</tr>
<tr>
<td>Issue of letters patent</td>
<td>739</td>
<td>0 10</td>
<td>739</td>
</tr>
<tr>
<td>Renewal fees before end of fourth year from date of patent</td>
<td>234</td>
<td>5 0</td>
<td>1,170</td>
</tr>
<tr>
<td>Renewal fees before end of seventh year from date of patent</td>
<td>94</td>
<td>10</td>
<td>940</td>
</tr>
<tr>
<td>Notices of opposition</td>
<td>4</td>
<td>0 10</td>
<td>4</td>
</tr>
<tr>
<td>Hearing objections</td>
<td>3</td>
<td>2 0</td>
<td>6</td>
</tr>
<tr>
<td>Applications for enlargement of time for deposit of complete specifications</td>
<td>41</td>
<td>0 10</td>
<td>41</td>
</tr>
<tr>
<td>On grant of such enlargement</td>
<td>40</td>
<td>0 10</td>
<td>40</td>
</tr>
<tr>
<td>Applications for enlargement of time for acceptance of complete specifications</td>
<td>9</td>
<td>0 10</td>
<td>9</td>
</tr>
<tr>
<td>On grant of such enlargement</td>
<td>9</td>
<td>0 10</td>
<td>9</td>
</tr>
<tr>
<td>Applications for enlargement of time for payment of fees</td>
<td>43</td>
<td>0 10</td>
<td>43</td>
</tr>
<tr>
<td>On grant of such enlargement</td>
<td>42</td>
<td>1 0</td>
<td>42</td>
</tr>
<tr>
<td>Notices of appeal to Supreme Court against decisions of Registrar</td>
<td>3</td>
<td>1 0</td>
<td>3</td>
</tr>
<tr>
<td>Searches</td>
<td>614</td>
<td>0 1</td>
<td>614</td>
</tr>
<tr>
<td>Registration of assignments and licenses</td>
<td>137</td>
<td>0 10</td>
<td>137</td>
</tr>
<tr>
<td>Certificates of such registration</td>
<td>63</td>
<td>0 10</td>
<td>63</td>
</tr>
<tr>
<td>Copies of specifications and drawings</td>
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£3,159 10 6

**Designs.**

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**Trade Marks.**

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£1,093 14 11

*Per hour. 1sd. per folio of 75 words; 1s. per sheet, drawings. For quarter of an hour.
E.—Total Number of Applications for Patents, and Registration of Designs and Trade Marks, recorded for the Years 1890 to 1910 inclusive.

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F.—Number of Provisional and Complete Specifications Received, &c.

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<th>Number of Applications with which Provisional Specifications lodged.</th>
<th>Number of Applications for which Complete Specifications subsequently lodged.</th>
<th>Number of Applications abandoned, lapsed, or refused.</th>
<th>Number of Patents sealed.</th>
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*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.

<table>
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H.—Number of Applications for Patents from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1908, 1909, and 1910.

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</table>

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.
### Table showing Number of Applications for the Different Classes of Inventions for each of the Years 1908, 1909, and 1910.

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<th>1909</th>
<th>1910</th>
<th>Page</th>
</tr>
</thead>
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<td>23</td>
<td>17</td>
<td>30</td>
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<tr>
<td>Aeronautics</td>
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<td>27</td>
<td>30</td>
<td>39</td>
</tr>
<tr>
<td>Amusements, music, exercising, games, &amp;c.</td>
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<td>54</td>
<td>59</td>
<td>59</td>
</tr>
<tr>
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<td>14</td>
<td>18</td>
<td>39</td>
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<td>40</td>
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<tr>
<td>Bottles, bottling, and glass-working</td>
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<tr>
<td>Boxes, cans, and casks (including buckets)</td>
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<td>41</td>
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<tr>
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<td>Building, construction</td>
<td>34</td>
<td>43</td>
<td>39</td>
<td>41</td>
</tr>
<tr>
<td>(brick and cement, connections and moulding)</td>
<td>32</td>
<td>22</td>
<td>25</td>
<td>42</td>
</tr>
<tr>
<td>(windows and doors)</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>42</td>
</tr>
<tr>
<td>Chemicals</td>
<td>7</td>
<td>5</td>
<td>8</td>
<td>43</td>
</tr>
<tr>
<td>Cleaning, polishing, &amp;c.</td>
<td>6</td>
<td>4</td>
<td>13</td>
<td>44</td>
</tr>
<tr>
<td>Closets and urinals</td>
<td>10</td>
<td>24</td>
<td>20</td>
<td>42</td>
</tr>
<tr>
<td>Coin feed mechanism</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>43</td>
</tr>
<tr>
<td>Cooling and freezing</td>
<td>13</td>
<td>5</td>
<td>13</td>
<td>43</td>
</tr>
<tr>
<td>Cultivating and tilling</td>
<td>23</td>
<td>22</td>
<td>32</td>
<td>42</td>
</tr>
<tr>
<td>Cutting and sawing, and tools</td>
<td>31</td>
<td>48</td>
<td>38</td>
<td>43</td>
</tr>
<tr>
<td>Dairying</td>
<td>69</td>
<td>67</td>
<td>110</td>
<td>43</td>
</tr>
<tr>
<td>Drains and sewers</td>
<td>6</td>
<td>3</td>
<td>1</td>
<td>44</td>
</tr>
<tr>
<td>Dredging and excavating (including rock-drills)</td>
<td>9</td>
<td>16</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>Drying</td>
<td>8</td>
<td>14</td>
<td>10</td>
<td>44</td>
</tr>
<tr>
<td>Electricity and magnetism</td>
<td>20</td>
<td>17</td>
<td>33</td>
<td>44</td>
</tr>
<tr>
<td>Engines (air, gas, and oil)</td>
<td>19</td>
<td>26</td>
<td>13</td>
<td>45</td>
</tr>
<tr>
<td>(steam), including rotary pumps</td>
<td>39</td>
<td>28</td>
<td>59</td>
<td>45</td>
</tr>
<tr>
<td>(miscellaneous and engine-accessories) including—</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current motors, &amp;c.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solar motors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tide motors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wave motors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Win-mills</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miscellaneous motors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosives, fireworks, and targets</td>
<td>7</td>
<td>23</td>
<td>17</td>
<td>45</td>
</tr>
<tr>
<td>Exterminating and trapping animals</td>
<td>24</td>
<td>13</td>
<td>21</td>
<td>45</td>
</tr>
<tr>
<td>Fencing</td>
<td>27</td>
<td>21</td>
<td>16</td>
<td>45</td>
</tr>
<tr>
<td>(strainers)</td>
<td>9</td>
<td>16</td>
<td>13</td>
<td>45</td>
</tr>
<tr>
<td>Fibre-dressing (including rope-making)</td>
<td>44</td>
<td>59</td>
<td>70</td>
<td>45</td>
</tr>
<tr>
<td>Fillets</td>
<td>3</td>
<td>11</td>
<td>6</td>
<td>46</td>
</tr>
<tr>
<td>Fire alarms, escapes, ladders, and extinguishers</td>
<td>32</td>
<td>15</td>
<td>19</td>
<td>46</td>
</tr>
<tr>
<td>Food</td>
<td>10</td>
<td>15</td>
<td>6</td>
<td>46</td>
</tr>
<tr>
<td>Furnaces and kilns (including smoke-consumers)</td>
<td>20</td>
<td>22</td>
<td>23</td>
<td>46</td>
</tr>
<tr>
<td>Furniture and upholstery, desks, blinds, curtains, &amp;c.</td>
<td>46</td>
<td>56</td>
<td>51</td>
<td>46</td>
</tr>
<tr>
<td>Gas-manufacture for lighting, heating, or power purposes</td>
<td>38</td>
<td>37</td>
<td>29</td>
<td>47</td>
</tr>
<tr>
<td>Harness (including horse, &amp;c., covers)</td>
<td>18</td>
<td>29</td>
<td>30</td>
<td>47</td>
</tr>
<tr>
<td>Harvesting and grading</td>
<td>11</td>
<td>11</td>
<td>7</td>
<td>47</td>
</tr>
<tr>
<td>Heating and fuel-manufacture</td>
<td>31</td>
<td>98</td>
<td>51</td>
<td>47</td>
</tr>
<tr>
<td>Illuminating (except gas-manufacture)</td>
<td>25</td>
<td>36</td>
<td>29</td>
<td>48</td>
</tr>
<tr>
<td>Indicating, calculating, and measuring (including moisture-testers)</td>
<td>35</td>
<td>33</td>
<td>35</td>
<td>48</td>
</tr>
<tr>
<td>Kitchen utensils and cooking appliances (including ovens)</td>
<td>25</td>
<td>56</td>
<td>41</td>
<td>48</td>
</tr>
<tr>
<td>Lifting, hauling, and loading</td>
<td>22</td>
<td>29</td>
<td>21</td>
<td>49</td>
</tr>
<tr>
<td>Locks, latches, and hinges</td>
<td>23</td>
<td>23</td>
<td>27</td>
<td>49</td>
</tr>
<tr>
<td>Marine and submarine (including lake and river engines)</td>
<td>19</td>
<td>35</td>
<td>27</td>
<td>49</td>
</tr>
<tr>
<td>Marking (tickets, labels, &amp;c.)</td>
<td>12</td>
<td>14</td>
<td>27</td>
<td>49</td>
</tr>
<tr>
<td>Measuring and surgical appliances (including ear instruments, dental work, &amp;c.)</td>
<td>18</td>
<td>18</td>
<td>13</td>
<td>49</td>
</tr>
<tr>
<td>Metal-working (including welding, stamping, and plating)</td>
<td>18</td>
<td>14</td>
<td>19</td>
<td>49</td>
</tr>
<tr>
<td>Minerals (including filtration, rivivision, screens, &amp;c.)</td>
<td>36</td>
<td>45</td>
<td>40</td>
<td>50</td>
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<tr>
<td>Ditto (magneto separators)</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>40</td>
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<tr>
<td>(stampers and pulverizers)</td>
<td>8</td>
<td>2</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>Oils and lubricators</td>
<td>11</td>
<td>5</td>
<td>17</td>
<td>50</td>
</tr>
<tr>
<td>Paints and painting</td>
<td>2</td>
<td>3</td>
<td>8</td>
<td>50</td>
</tr>
<tr>
<td>Pipes, tubes, and hose</td>
<td>6</td>
<td>7</td>
<td>20</td>
<td>50</td>
</tr>
<tr>
<td>Preserving</td>
<td>7</td>
<td>2</td>
<td>9</td>
<td>50</td>
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<tr>
<td>Presses</td>
<td>4</td>
<td>2</td>
<td>4</td>
<td>51</td>
</tr>
<tr>
<td>Printing and photography</td>
<td>21</td>
<td>32</td>
<td>14</td>
<td>51</td>
</tr>
<tr>
<td>Pumps and sprayers (except rotary pumps)</td>
<td>15</td>
<td>24</td>
<td>25</td>
<td>51</td>
</tr>
<tr>
<td>Railways and tramways</td>
<td>54</td>
<td>49</td>
<td>52</td>
<td>51</td>
</tr>
<tr>
<td>Roads and ways, road-watering</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>51</td>
</tr>
<tr>
<td>Seed-dressing, chaff-cutting, and threshing</td>
<td>14</td>
<td>18</td>
<td>13</td>
<td>51</td>
</tr>
<tr>
<td>Seed-sowers</td>
<td>8</td>
<td>9</td>
<td>13</td>
<td>52</td>
</tr>
<tr>
<td>Sewing and knitting</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>52</td>
</tr>
<tr>
<td>Sheep and castle (including veterinary appliances)</td>
<td>25</td>
<td>17</td>
<td>26</td>
<td>52</td>
</tr>
<tr>
<td>Sheep shearing and clipping</td>
<td>6</td>
<td>9</td>
<td>10</td>
<td>52</td>
</tr>
<tr>
<td>Shop and hotel fittings</td>
<td>14</td>
<td>11</td>
<td>14</td>
<td>52</td>
</tr>
<tr>
<td>Stationery and paper</td>
<td>20</td>
<td>27</td>
<td>48</td>
<td>52</td>
</tr>
<tr>
<td>Telegraphy and telegraphy (including phonographs)</td>
<td>13</td>
<td>15</td>
<td>23</td>
<td>53</td>
</tr>
<tr>
<td>Tobacco</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>53</td>
</tr>
<tr>
<td>Valves and cocks</td>
<td>12</td>
<td>19</td>
<td>13</td>
<td>52</td>
</tr>
<tr>
<td>Vehicles</td>
<td>41</td>
<td>53</td>
<td>43</td>
<td>53</td>
</tr>
<tr>
<td>Ventilating</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>54</td>
</tr>
<tr>
<td>Washing and cleansing</td>
<td>35</td>
<td>24</td>
<td>20</td>
<td>54</td>
</tr>
<tr>
<td>Water-supplying</td>
<td>3</td>
<td>9</td>
<td>7</td>
<td>54</td>
</tr>
<tr>
<td>Wearing-apparel</td>
<td>33</td>
<td>44</td>
<td>57</td>
<td>54</td>
</tr>
<tr>
<td>Wools and hides</td>
<td>3</td>
<td>12</td>
<td>9</td>
<td>54</td>
</tr>
<tr>
<td>Miscellaneous inventions not in other classes, as India rubber manufacture, fish-</td>
<td>6</td>
<td>13</td>
<td>10</td>
<td>54</td>
</tr>
<tr>
<td>ing appliances, &amp;c.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Daring some inventions being classified under more than one heading, the figures will total rather more than the actual number of applications received.

On the pages referred to in the above table will be found lists of the inventions which are included in the various classes for the year 1910.
J.—Number of Applications for Registration of Trade Marks from Persons residing in New Zealand and other Colonies and Countries in each of the Years 1908, 1909, and 1910.

<table>
<thead>
<tr>
<th>Country</th>
<th>1908</th>
<th>1909</th>
<th>1910</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Zealand</td>
<td>307</td>
<td>328</td>
<td>335</td>
</tr>
<tr>
<td>Argentina</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Austria</td>
<td>1</td>
<td>7</td>
<td>1</td>
</tr>
<tr>
<td>Belgium</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Canada</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Cape Colony</td>
<td>3</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Ceylon</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Cuba</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Egypt</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>France</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Germany</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Greece</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Holland</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>India</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Italy</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Mexico</td>
<td>3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>New South Wales</td>
<td>32</td>
<td>41</td>
<td>58</td>
</tr>
<tr>
<td>Norway</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Portugal</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Queensland</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Russia</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>South Australia</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Spain</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Straits Settlements</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Sweden</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Switzerland</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Tahiti</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Transvaal</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>United States</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Victoria</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Western Australia</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

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

K.—Designs.—Table showing Number of Applications in each of the Fourteen Classes to the end of 1907, and in the Years 1908, 1909, and 1910 respectively.

<table>
<thead>
<tr>
<th>Class</th>
<th>Goods</th>
<th>1908</th>
<th>1909</th>
<th>1910</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Metal (except those in Class 2)</td>
<td>139</td>
<td>16</td>
<td>13</td>
</tr>
<tr>
<td>2</td>
<td>Jewellery</td>
<td>34</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>Wood, bone, ivory, papier-mâché, &amp;c.</td>
<td>77</td>
<td>52</td>
<td>14</td>
</tr>
<tr>
<td>4</td>
<td>Glass, earthenware, porcelain, bricks, tiles, and cement</td>
<td>14</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>Paper (except hangings)</td>
<td>55</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td>6</td>
<td>Leather (including bookbinding)</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>Paper hangings</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>Carpets, rugs, floor-cloths, &amp;c.</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>Lace, hosiery</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>Millinery and wearing-apparel (including boots, &amp;c.)</td>
<td>34</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>11</td>
<td>Ornamental needlework on muslin and other fabrics</td>
<td>10</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>Goods not in other classes</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>Printed or woven designs on textile piece-goods</td>
<td>366</td>
<td>79</td>
<td>51</td>
</tr>
<tr>
<td>14</td>
<td>Handkerchiefs and shawls</td>
<td>545</td>
<td>51</td>
<td>46</td>
</tr>
</tbody>
</table>

Total| 396  | 79   | 51   |
Grand total—1909 to end of 1910| 545  | 51   | 46   |
### L.—Number of Applications to register Trade Marks in the Fifty Different Classes, in each of the Years 1908, 1909, and 1910.

<table>
<thead>
<tr>
<th>Classes</th>
<th>Classification of Goods</th>
<th>1908</th>
<th>1909</th>
<th>1910</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives</td>
<td>22</td>
<td>19</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes</td>
<td>21</td>
<td>27</td>
<td>31</td>
</tr>
<tr>
<td>3</td>
<td>Chemical substances prepared for use in medicine and pharmacy</td>
<td>49</td>
<td>45</td>
<td>54</td>
</tr>
<tr>
<td>4</td>
<td>Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes</td>
<td>7</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Unwrought and partly wrought metals used in manufacture</td>
<td>10</td>
<td>25</td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7</td>
<td>10</td>
<td>23</td>
<td>25</td>
</tr>
<tr>
<td>7</td>
<td>Agricultural and horticultural machinery, and parts of such machinery</td>
<td>4</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching</td>
<td>10</td>
<td>11</td>
<td>15</td>
</tr>
<tr>
<td>9</td>
<td>Musical instruments</td>
<td>9</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Horological instruments</td>
<td>3</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>11</td>
<td>Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals</td>
<td>3</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Cutlery and edge-tools</td>
<td>11</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>13</td>
<td>Metal goods not included in other classes</td>
<td>40</td>
<td>24</td>
<td>26</td>
</tr>
<tr>
<td>14</td>
<td>Goods of precious metals (including aluminium, nickel, Britannia-metal, &amp;c.) and jewellery, and imitations of such goods and jewellery</td>
<td>11</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>15</td>
<td>Glass</td>
<td>8</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>Porcelain and earthenware</td>
<td>5</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>17</td>
<td>Manufactures from mineral and other substances for building or decoration</td>
<td>2</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>18</td>
<td>Engineering, architectural, and building contrivances</td>
<td>10</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Arms, ammunition, and stores not included in Class 20</td>
<td>5</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Explosive substances</td>
<td>3</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>21</td>
<td>Naval architectural contrivances and naval equipments</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Carriages</td>
<td>10</td>
<td>8</td>
<td>25</td>
</tr>
<tr>
<td>23</td>
<td>Cotton yarn and thread</td>
<td>4</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Cotton piece-goods of all kinds</td>
<td>14</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>25</td>
<td>Cotton goods not included in Classes 23, 24, and 38</td>
<td>1</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>26</td>
<td>Linen and hemp yarn and thread</td>
<td>14</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>27</td>
<td>Linen and hemp piece-goods</td>
<td>1</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>28</td>
<td>Linen and hemp goods not included in Classes 26, 27, and 50</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Jute yarns and threads, and other articles made of jute not included in Class 50</td>
<td>4</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Silk, spin, shrows, or sewing</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Silk piece-goods</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Other silk goods not included in Classes 30 and 31</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Yarns of wool, worsted, or hair</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Cloth and stuffs of wool, worsted, or hair</td>
<td>2</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>35</td>
<td>Woollen and worsted and hair goods not included in Classes 33 and 34</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Carpets, floorcloth, and oicloth</td>
<td>5</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>37</td>
<td>Leather, skins, unwrought and wrought, and articles made of leather not included in other classes</td>
<td>1</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>38</td>
<td>Articles of clothing</td>
<td>38</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>39</td>
<td>Paper (except paper hangings), stationery, and bookbinding</td>
<td>23</td>
<td>29</td>
<td>27</td>
</tr>
<tr>
<td>40</td>
<td>Goods manufactured from indiarubber and gutta-percha not included in other classes</td>
<td>13</td>
<td>12</td>
<td>23</td>
</tr>
<tr>
<td>41</td>
<td>Furniture and upholstery</td>
<td>2</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>42</td>
<td>Substances used as food or ingredients in food</td>
<td>120</td>
<td>123</td>
<td>126</td>
</tr>
<tr>
<td>43</td>
<td>Fermented liquors and spirits</td>
<td>25</td>
<td>22</td>
<td>25</td>
</tr>
<tr>
<td>44</td>
<td>Mineral and aerated waters, natural and artificial, including ginger-beer</td>
<td>11</td>
<td>10</td>
<td>9</td>
</tr>
<tr>
<td>45</td>
<td>Tobacco, whether manufactured or unmanufactured</td>
<td>31</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>46</td>
<td>Seeds for agricultural or horticultural purposes</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>Candles, common soap, detergent; illuminating, heating, or lubricating oils; matches; and starch, size, and other preparations for laundry purposes</td>
<td>27</td>
<td>32</td>
<td>29</td>
</tr>
<tr>
<td>48</td>
<td>Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap</td>
<td>7</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>49</td>
<td>Games of all kinds, and sporting articles not included in other classes</td>
<td>49</td>
<td>55</td>
<td>79</td>
</tr>
<tr>
<td>50</td>
<td>Miscellaneous</td>
<td>49</td>
<td>55</td>
<td>79</td>
</tr>
</tbody>
</table>
ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR 1910—continued.

Bilbow, A. J., Melbourne, Victoria; jar, &c., tap; 28847, 7th December.

Bilburt, G., Katikati, New Zealand; oil-feeder; 28621, 22nd October.

Bingham (see De Bingham).

Bird, A., & others; Toowong, New South Wales; boot-heel and ventilator; 27297, 15th February.

Bird, A. L., and others, Christchurch, New Zealand; shoe-cleaner cylinder; 28311, 4th August.

Bird, C. G., Sydney, New South Wales; cavity-wall tile; 27633, 27th April.


Birks, E. F., London, England; can-cover; (E. N. Birks) 28601, 26th November.

Blair, M., jun., Auckland, New Zealand; concrete structure; 27624, 25th April.

Blair-Mason, J., and others, Dunedin, New Zealand; sliding-door; 27900, 24th January.


Blund, H. W., and another, Melbourne, Victoria; self-ignition; 27274, 30th June.

Blockley, J. J., Devonport, New Zealand; close-ditch; 28355, 29th August.


Bohn, H. S., and another, Melbourne, Victoria; ear-cover; 27350, 18th February.

Boll, P., and another, Melbourne, Victoria; portable shooting-machine; 28038, 6th December, 1909.*


Booth, C. J., Christchurch, New Zealand; washing-machine; 28013, 30th June.

Booth, C. S., Christchurch, New Zealand; flax-stripper; 28468, 9th September.

Bordman, H. H., Winchester, United States America (see United Shoe Machinery Company, No. 28274).

Bourque, B., Batavia, Java (see T. Miller, No. 28194).

Bower, H. W., and another, New South Wales; enclosure for cattle; 28015, 5th May.

Boy, F. A., Perth, Western Australia; gramophone-bug; 28017, 23rd August.

Boyce, F. T., and another, Sydney, New South Wales; meat, &c., cover; 28367, 29th August.

Boyce, W. J., Edithburgh, New South Wales; enclosure for cattle; 28015, 5th May.

Boykett, C. A., Northampton, England; cartridge; 27430, 18th March.


Bradley, A. E., and another, Christchurch, New Zealand; designing devices for stained-glass windows; 28322, 24th August.

Bradley, H. G., and another, Christchurch, New Zealand; designing devices for stained-glass windows; 28323, 24th August.

Brandes, A., and another, Hanover, Germany; treatment of liquid; 27429, 15th March.

Brandt, A., and another, Hanover, Germany; steam-generator-inertation prevention; 27454, 22nd March.

Brandt, A., and another, Hanover, Germany; liquid-treatment; 27455, 22nd March.

Gray, G. W., Footscray, Victoria; fruit-case; 27806, 9th June.

Brennan, G., Gillingham, England; single-track vehicle; 27118, 4th April.

Broséy, E. F., Putaruru, New Zealand; marine-engine-racing prevention; 27300, 5th March.

Broseyn, E. F., Auckland, New Zealand; marine-engine-racing preventer; 28897, 17th December.

Bridg, T., Leicester, England (see United Shoe Machinery Company, No. 28279).

Bridgman, D., Auckland, New Zealand; preventing hames slipping off horse-collars; 27110, 19th January.

Briseow, C., Christchurch, New Zealand; boot-sole, &c., wearing-surface; 28902, 31st October.

Briseow, C., Christchurch, New Zealand (see Imperial Cash Register Company, Limited, No. 28880).

Briton, J., and another, Melbourne, Victoria; rope-coupler; 28094, 5th August, 1909.*


Broad, F., Sydney, New South Wales; garment-hanger; 28019, 2nd July.

Broek, E., Christchurch, New Zealand; dredge; 27842, 6th June.

Broek, M., Boston, United States America (see United Shoe Machinery Company, Nos. 28334, 28574, 28643).

Broek, M., Boston, United States America; heel-lasting machine; 28575, 16th October, 1909.*

Brooke, A. L., and another, Mortlake, England; alloys; 28190, 30th July.

Broom, C. F., Redlands, New Zealand; beet-root; 27118, 19th January.

Broomby, J. J., and another, Launceston, Tasmania; threshing-machine; 28894, 22nd December.

Brown, J. F., Christchurch, New Zealand; indicating-apparatus; 27872, 10th June.

Brothers, E., Lynn, United States America (see United Shoe Machinery Company, No. 28263).

Brott, H. G., San Jose, United States America (see L. B. Manufacturing Company, No. 28146).

Broughton, E., Auckland, New Zealand; roller blind; 28852, 1st July.

Brown, F., Auckland, New Zealand; ventilating-blind head; 27710, 6th May.

Brown, H. D., and another, Oamaru, New Zealand; motor; 27563, 12th October.

Brown, J., Waiti, New Zealand; steel-ribber stent; 27545, 11th April.

Brown, W., Auckland, New Zealand; tire; 28229, 11th August.

Brown, J. C., Dunedin, New Zealand; explosive-engine; 27213, 20th November.

Brown, J. H., Leicester, England (see United Shoe Machinery Company, No. 28281).

Brown, F., Seattle, United States America (see T. W. Parr, No. 28800).

Brown, S. H., and another, Foxton, New Zealand; tow converter and separator; 27319, 11th January.

Brown, T. F., Christchurch, New Zealand; wire-strainer; 27201, 8th February.

Brown, W. G. M., Burrumburra, Victoria; hide, &c., treating compound; 29010, 30th June.

Brown, G. A., and another, Chicago, United States America; pulverizer; 27381, 2nd March.

Brown, M. T., Armadale, Victoria; receiving, storing, and delivering can, &c.; 28401, 9th September.

Brown, S. G., Mangawai, New Zealand; horse-saddle; 27098, 27th April.

Bruce, J., New Plymouth, New Zealand; tire-shrinking machine; 27736, 13th May.

Bruce, J. A., and another, Pakefield, New Zealand; hydraulic-nozzle elevator; 28448, 29th October.

Bruce, J. A., and another, Wakefield, New Zealand; horse-cover; 27701, 6th December.

Bruno, A. Leonagia, Victoria; bedstead-frame; 28673, 10th November.

Bryan, G. J., Christchurch, New Zealand; machine-sheep-shearers-sharpening tool; 27252, 10th November.

Buckminster, C. I., Beverly, United States America; bottom; 27561, 28th June, 1909.*

Bullard, A. Papatoetoe, New Zealand; lat-ventilation; 27101, 19th January.


Bulman, W., Dunedin, New Zealand; safety-pin; 27723, 13th May.

Bulman, W., Dunedin, New Zealand; fire-screen; 27727, 11th May.

Bulman, W., Dunedin, New Zealand; brooch, &c., fastening; 27722, 3rd May.

Bulger, C. A., and another, Christchurch, New Zealand; lock-joint coupling; 27501, 28th May.


Bulte, J., and another, Christchurch, New Zealand; tunnel-ventilation; 27439, 10th March.

Bulte, J., and another, Christchurch, New Zealand; motor-lamp; 27041, 21st June.

Burchard, A. H., Martinsburg, United States America (see E. J. Rhode, No. 28506).

Burgess, J. D., Cheltenham, Victoria; high-pressure filter; 28382, 6th September, 1909.*

Burgess, J. D., Dunedin, New Zealand; wash-boiler discharge; 28577, 17th November.
Burgess, J. N. D., Dunedin, New Zealand; wash-boiler discharger; 27237, 17th February.
Burgess, W., Hawera, New Zealand; ear-marking appliance; 27251, 27th September.
Burgess, W., Hawera, New Zealand; hat-pin; 27648, 28th April.
Burgess W. L. H., Auckland, New Zealand; ventilation-blind; 26962, 7th November.
Burk, W. J., Dunedin, New Zealand; curtain-pole lifter; 27823, 2nd June.
Burn, E. S., and another, Melbourne, Victoria; rail machine and grinding machine; 28471, 22nd September.
Burn, J. H., Petone, New Zealand; post-marking machine; 27251, 27th September.
Burn, J. H., Petone, New Zealand; table for post-offices; 27890, 14th June.
Burn, R., Petone, New Zealand; telegraph-form, &c., folding machine; 27656, 29th April.
Burns, R., Petone, New Zealand; mail-bag seal; 28658, 1st November.
Burness, W., Tinaroo, New Zealand; potato-grader; 27950, 27th June.
Burnheim, A., Sydney, New South Wales; stone-collector; 27928, 8th November.
Burns, J. E., Christchurch, New Zealand; fender; 27447, 21st March.
Burnie, E. H., Christchurch, New Zealand; fire-guard; 27705, 30th May.
Burrell, C. M., Tawakau, New Zealand; bath; 28883, 10th December.
Burnes, E. H., Chiltern, Victoria; trap-door guard; 28225, 9th August.
Burt, E., Estako, Mexico; filtration process; 27305, 31st March.
Burt, H., and others, Dunedin, New Zealand; marine, &c., engine governor; 27097, 6th May.
Burt, H., and others, Wellington, New Zealand; machine-engine-racing preventer; 28101, 26th July.
Burton, G. L., Christchurch, New Zealand; acetylene-generator; 27167, 13th January.
Burton, G. L., Christchurch, New Zealand; acetylene-generator; 28089, 14th July.
Busell, J. N., Boston, United States America (see United States Machine Company, No. 27784).
Bus, O. C., Le Havre, France (see Societe Anonyme pour l’Exploitation des Procedes Westlinge-Leblanc, No. 28008).
Butter’s Patent Vacuum Filter Company, Virginia City, United States America; metallurgical filter; (C. R. Patterson); 27714, 11th May.
Butterworth, A. M., Papakura, New Zealand; concrete-mould; 28210, 4th August.
Butterworth, J. W., Auckland, New Zealand (see W. T. Cowperthwaite, No. 28437).
Byford, A., Grassmere, New Zealand; wire-netting fence; 28052, 14th October.
Cairness, J., and others, Ekatarabu, New Zealand; roofing; 28454, 10th September.
Cairns, J. C., Havelock, New Zealand; aeroplane; 27267, 26th June.
Caldwell, J. D., and others, Brisbane, Queensland; pipe and connection for gas, &c.; 28353, 5th November, 1909.f
Caldwell, H. M., and another, Sydney, New South Wales (see Bell Gas-saver Company, Limited, No. 27156).
Callan, A. J., Melbourne, Victoria; spinning-top; (H. Campbell; 28083, 14th July, 1909.f
Callan, A. S., Christchurch, New Zealand; gas-generator; &c.; 27525, 7th April.
Cameron, A. J., Papakao, New Zealand; sheep-dip race; 28516, 29th September.
Cameron, A. and another, Dunedin, New Zealand; sash; 28588, 14th October.
Cameron, J. J., Dunedin, New Zealand; window-hanging and casement-lifting; 28254, 30th September.
Cameron, W. B., and another, Palmerston North, New Zealand; milking-machine; 28660, 4th November.
Campbell, A. and others, Hawera, New Zealand; fax-treatment; 28357, 24th August.
Campbell, H. Melbourne, Victoria (see A. J. Callan, No. 28053).
Cannell, J. E. P., Timaru, New Zealand; safety-catch for tram-trucks; 27288, 11th February.
Captain Motor Car Company, Limited, Bristol, England; wheelbarrow; (A. F. Guinness); 28549, 4th October.
Carder, J., Auckland, New Zealand; watertight boat; 28131, 19th July.
Cardinet, A. D., Oakland, United States America; fountain brush; 28985, 5th November.
Carmine, J. P., Westport, New Zealand; tea-infuser; 27111, 4th January.
Carmine, J. P., Westport, New Zealand; automatic coupling; 27183, 29th October.
Carr, W., Blenheim, New Zealand; acetylene-producer; 27615, 27th July.
Carrington, G., Marakakaho, New Zealand; wire-strainer; 28603, 18th October.
Carron, J., Tuakau, Transvaal; wood, canvas, &c.; treatment; 28651, 11th July.
Carruthers, R. L., Levin, New Zealand; milk-can; 27242, 3rd February.
Carter, R. T., Carnot, Victoria; concentrator, &c.; 28622, 29th October.
Carter, W. H., jun, Wellington, New Zealand; watercolour-finishing; 27268, 28th July, 2nd November.
Cassagnau, C., United States America (see United Shoe Machinery Company, No. 28707, 28711).
Cassela, L. E. and another, Parnell, New Zealand; closet-seat cover; 28786, 20th November.
Cassela, L. E. and another, Parnell, New Zealand; advertising-sign; 27972, 25th November.
Castle, F. and others, Wellington, New Zealand; electric alighting; 27320, 3rd January.
Catling, J. T., Placentia, England (see W. W. Martin, No. 28854).
Catt, T. and another, New York, United States America; lamp and reflector; 28928, 6th December.
Caverhill, F. J. S., Christchurch, New Zealand; sheep-shearing-machine-driving gear; 27798, 30th May.
Chaffey, H. F., Christchurch, New Zealand; kettle; 28344, 2nd September.
Chambers, R., Takapuna, New Zealand; swimming-teacher; 27320, 3rd January.
Chambers, R., Takapuna, New Zealand; boat-slip; 28688, 4th November.
Chappei, A. J., Hobart, Tasmania (see A. J. Chapelle).
Chapman, C., Dunedin, New Zealand; window and door ventilator; 28095, 15th July.
Chapman, C., Dunedin, New Zealand; self-locking catch; 28153, 9th June.
Chatterton, S., Ellenose, New Zealand; cribbage and scoring means; 28758, 18th November.
Chilton, J. E., Masterton, New Zealand; water-closet flush; 27393, 7th March.
Chilton, J. E., Masterton, New Zealand; butt-cock valve; 27838, 18th April.
Chilton, E. A., Masterton, New Zealand; closet-flush; 28590, 15th October.
Champion Limited, Sydney, New South Wales; lock-nut; (Grip Nut Company—D. J. Ward; 27175, 19th January.
Chisholm, W. R., Charlotte, United States America; preserving wood; 27450, 16th February, 1909.f
Chowen, W., Otaiko, New Zealand; leg-fastener; 27902, 24th June.
Christian, A. R., Christchurch, New Zealand; convertible article of furniture; 27224, 3rd January.
Christian, A. R. and another, Christchurch, New Zealand; trolley-pole retriever; 28724, 16th February.
Christian, A. R. and another, Christchurch, New Zealand; lowering machine; 27883, 11th February.
Christian, A. R. and another, Christchurch, New Zealand; trolley-pole retriever; 27499, 24th March.
Christian, A. R. and another, Christchurch, New Zealand; trolley-pole retriever; 27344, 19th February.
Christie, J., Dunedin, New Zealand; acetylene-generator fittings; 27758, 18th May.
Christopherson, O. J., Mangatang, New Zealand; liquid-measure; 28556, 15th October.
Chubb, R. N., Auckland, New Zealand; envelope; 27149, 10th January.
Ciancy, J., New York, United States America (see Clancy Metals Process Company, No. 28672).
Ciancy Metals Process Company, New York, United States America; ore-treatment; (J. C. Clancy; 28572, 11th October.
Clappett, F. B., Auckland, New Zealand; gate-latch-handle attachment; 27844, 6th June.
Clappett, F. B., Auckland; New Zealand; gate-latch; 28322, 10th August.
Clappett, F. B., Auckland; New Zealand; gate-latch; 28262, 15th August.
Clappett, F. B., Auckland; New Zealand; gate-latch; 28262, 15th August.
Clappett, F. B., Auckland; New Zealand; gate-latch; 28262, 15th August.
Clapham, H., Auckland, New Zealand (see Clapham Gaslight Manufacturing and Agency Company, Limited, No. 27999).
ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR 1910—continued.

Clark, E., Northcote, Victoria (see Motor-tire Company, No. 2725).
Clark, F., and another, Christchurch, New Zealand; kettle; 27364, 15th April.
Clark, F., and others, Christchurch, New Zealand; advertisement-displaying; 27128, 10th January.
Clark, G., Melbourne, Victoria (see A. H. Stanbrough, No. 28916).
Clark, H., M., Auckland, New Zealand; ice-chest; 27186, 19th January.
Clark, J., Waitaki, New Zealand (see Latiff and Gray, Lithographic Engineers, No. 28058).
Clark, W. E., Mexico, South America; filtering-process; 27890, 9th June.
Clarkson, G., Mangatoki, New Zealand; sterilizing-apparatus; 28713, 10th November.
Clay, F. W., Kimbell, New Zealand; hat-pin; 28277, 18th December.
Clay, W., Feilding, New Zealand; bicycle-pump attaching-clips; 27364, 26th February.
Claussen, W., Timaru, New Zealand; railway-collision preventing device; 28086, 2nd August.
Claydon, G., Woolston, New Zealand; flax-stripper; 29067, 13th July.
Clayton, G. W., Mangapani, New Zealand; rubber beeh; 27435, 16th March.
Clegg, A., and others, Christchurch, New Zealand; advertisement-displaying; 27128, 10th January.
Clegg, A., and another, Christchurch, New Zealand; kettle; 28401, 8th September.
Clegg, G., Sockburn, New Zealand; vehicle-wheel; 27371, 1st July.
Clegg, G., Sockburn, New Zealand; kettle; 27385, 4th March.
Collie, G., and another, Christchurch, New Zealand; advertising-device; 27345, 21st February.
Clement, J., and another, Paris, France; separating metallic particles; 29418, 13th September.
Clemens, L., and another, Kerew, New Zealand; oval umbrella; 28122, 21st July.
Cliff, G., Paparoa, New Zealand; wire-strainer; 28770, 23rd November.
Cliff, G. H., Albert Park, Victoria; bath-trough, &c.; 28536, 31st August.
Clifford, J. J., Toronto, Canada; rife-sight; 27146, 12th January.
Clifftlec, P. R., Christchurch, New Zealand; desiccation of milk; (Techno-Chemical Laboratories, Limited); 28156, 29th July, 28086, 2nd August.
Clifftlec, P. R., and others, Christchurch, New Zealand; reproduction of drawings; 28168, 27th July.
Clifftlec, P. R., and others, Christchurch, New Zealand; reproduction of drawings; 28169, 27th July.
Coursesley, W. J., and another, Christchurch, New Zealand; Norith-Northern for wool-press; 27259, 13th September.
Cunett, G. E., Toko, New Zealand; fencing-dropper; 27702, 21st May.
Dykesdale, W. C. S., Dunedin, New Zealand; window-sash; 28270, 14th November.
Costos, C. C., and others, Christchurch, New Zealand; reproduction of drawings; 28168, 27th July.
Costos, C. C., and another, Christchurch, New Zealand; reproduction of drawings; 28169, 27th July.
Costos, C. C., Christchurch, New Zealand; wire stays for garments; (Spierella Company—M. M. Beermann); 28849, 6th December.
Costworts, T. H., Dunedin, New Zealand; grade-drought regulator; 27292, 20th June.
Cottrance, J. A., Hamilton, New Zealand; solder; 28825, 1st December.
Coffino, A., Lisbon, Portugal; meat-soothing; &c.; 28901, 12th October.
Cohgan, D., Waitakomi, New Zealand; hat-pin-point protector; 28843, 27th October.
Collier, A. T., St. Albans, England; flexible-material manufacturer; 28265, 12th October, 1909.†
Collier, M. S., Auckland, New Zealand; clothe-peg; 27772, 23rd May.
Collier, M. S., and another, Auckland, New Zealand; advertising-medium and match-box; 28035, 12th July.
Collier, M. S., and another, Auckland, New Zealand; time-clock; 28056, 29th November.
Collins, G. E., Pukehou, New Zealand; folding-stops; 27926, 20th June.
Collins, J. B., Albert Park, Victoria; butter, &c., box; 28384, 8th March, 1909.†
Collins, T., and another, Bainsbridge, United States; America, speed-gear; 27924, 20th June.
Colbehn, W. J., Frankton, New Zealand; liquid shine; 27288, 7th February.
Colwell, W. J. H., and another, Blenheim, New Zealand; acetylene generator and holder; 28060, 15th August.
Colombier (see Columbia, No. 28027).
Company Francaise des Produits Lactes Societe Anonyme, Paris, France; preparing vinegar from whey; (Lamoroux); 27391, 4th March.
Compton, J. W., Pahiatua, New Zealand; horse-holder; 28918, 26th November.
Comrie, J. Y. M., Ruxtonam, New Zealand; seed, &c., sowor; 28051, 31st October.
Comor, M. J., and another, Auckland, New Zealand; gold-extraction batteries; 27395, 6th June.
Conor, M. J., and another, Auckland, New Zealand; gold-extraction; 28298, 10th August.
Connor, W. M., and another, Auckland, New Zealand; gold-separator; 27893, 2nd June.
Cook, J., and another, Temuka, New Zealand; oven-slicer; 27271, 7th May.
Cook, J. N., Sydney, New South Wales; tobacco-pipe attachment; 27114, 5th January.
Cook, F. W., Siluro, England; reinforced-concrete structure; 27289, 20th July 1909.†
Cook, T., Putone, New Zealand; steam-digester; 28227, 9th August.
Cook, W. H., Russell, New Zealand; hat-pin; 27721, 12th May.
Cooke, W., and another, Tiran, New Zealand; rabbit-trap; 28342, 29th August.
Colledge, W. H., and another, United States; America; tincture-manufacturing; 28367, 23rd February.†
Cooper, c., Mangatoki, New Zealand; milk, &c., sterilizer; 28018, 1st July.
Cooper, G., Mangatoki, New Zealand; cooling and heating milk; 28174, 29th July.
Costo, F. S., Wellington, New Zealand; clothes-washer; 27013, 10th October.
Corn, H., Napier, New Zealand; water-heater; 27907, 29th June.
Corney, N., Montcal, Canada; butters-molding machine; 27253, 20th February.
Corrynham, H. A., and another, Auckland, New Zealand; hat-pin; 27473, 22nd March.
Corrynham, H. A., and another, Auckland, New Zealand; piano-forepart; 27909, 14th June.
Corrynham, H. A., and another, Auckland, New Zealand; hat-pin; 28023, 19th December.
Costello, A., Dargaville, New Zealand; surf fishing-line; 27406, 7th March.
Costaun, G. O., and another, Christchurch, New Zealand; tunnel-ventilation; 27430, 16th March.
Cottam, G. O., and another, Christchurch, New Zealand; motor-lamp; 27491, 21st June.
Duellmann, W., New Zealand; handle-machine; 27838, 6th June.
D'ouze, J., Auckland, New Zealand; kerosene-pump attachment; 28157, 23rd November.
Cowperthwaite, W. T., Auckland, New Zealand; concrete-block-making machine; 27428, 11th March.
Cowperthwaite, W. T., Auckland, New Zealand; concrete-block-making machine; (Bettowood); 28097, 7th July.
Craddock, A. R., Christchurch, New Zealand; flooring-crimp grip; 27350, 28th February.
Craddock, A. R., and another, Christchurch, New Zealand; match-lining crimp; 28049, 9th July.
Craig, C., Knap, New Zealand; safe; 28063, 12th July.
Crawell, B. F., Henderson, New Zealand; fruit-tree sprayer; 28047, 8th July.
Craw, G., Linton, New Zealand; flax-stripper; 27306, 8th March.
Craw, G., Linton, New Zealand; flax-treating apparatus; 27836, 7th June.
Craw, G., Linton, New Zealand; flax-stripper; 28244, 12th May.
Crawford, G. R., and another, Kerew, New Zealand; oval umbrella; 28122, 21st July.
Crawford, G. W., Perth Amboy, United States; America (see Safety Tire Company, No. 27802).
Cree, T., and another, Christchurch, New Zealand; seed-sower; 27965, 5th May.
Creek, M. C., Greymouth, New South Wales (see C. H. W. Sander, No. 28766).
Crip, E. C., Grasmere, New Zealand; fire-screen; 27677, 4th May.
Croll, A. H., Dunedin, New Zealand; bream; 27808, 30th August.
Crosuer, A. T., Te Aroho, New Zealand; electric-wire connection to lamp-holder; 28034, 14th October.
Cruickshank, B., tier, New Zealand; rabbit-trap chain; 26574, 3rd November.
H.—10. 18

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR 1910—continued.


Dowhini, J. L., Lancashire, England; flex-decoricator; 28385, 20th October, 1909.†

Dreac, J., Boulder, Western Australia; filtering-machine; 27601, 3rd November, 1910.

Drew, H. V., Timaru, New Zealand; dust-laying method; 28885, 17th December.

Drew, W. J., Catawissa, United States America (see United Shoe Machinery Company, Nos. 28845, 28846).†


Droutlege, H., Auckland, New Zealand; test-cup, &c; 27934, 23th June.

Droutlege, H., Auckland, New Zealand; milk-machine; 28129, 10th July, 1910.

Droutlege, H., Auckland, New Zealand; test-cup lining; 28295, 14th October.

Drummond, R., Wellington, New Zealand; tram-car safety-stop; 27451, 16th March.

Duckmanton, T., Christchurch, New Zealand; flushing-cistern; 28077, 3rd November.

Dun, W. H., another, Dunedin, New Zealand; ladder; 27903, 18th April.

Duffill, J., Inglewood, New Zealand; concrete-building concrete; 28288, 14th April.

Duffill, J., Inglewood, New Zealand; concrete-mould box; 28292, 19th August.

Dugan, W., jun., Dunedin, New Zealand; door and gate hinges; 27470, 29th April.

Dugan, W., jun., Dunedin, New Zealand; tool; 27608, 10th April.

Dugan, W., jun., Dunedin, New Zealand; picture-cord; 27707, 7th May.

Dugan, W., jun., Dunedin, New Zealand; grate; 28073, 9th June.

Dugan, W., jun., Dunedin, New Zealand; mitre-box; 28498, 24th September.

Dugan, F. W., Kew, Victoria; flying-machine; 28320, 24th September.

Dugan, P. D. and Limited, Christchurch, New Zealand; plough; (J. Keir); 27258, 7th February.

Duncan, P. D. and Limited, Christchurch, New Zealand; harrow; (J. Keir); 27942, 21st June.

Duncan, P. D. and Limited, Christchurch, New Zealand; plough; (J. Keir); 27943, 21st October.

Dunbar, J., Invercargill, New Zealand; couch; 27390, 12th February.

Dunne, R., Dunedin, New Zealand; paper-holder; 27907, 26th August.

Dunne, R. and another, Dunedin, New Zealand; paper holder and deliverer; 28460, 16th September.

Dunne, G. P., Dunedin Company Proprietary, Limited, Melbourne, Victoria; grain, &c, sower; (P. M. Metzler); 28300, 19th August.

Dunvant, H. T., London, England (see Metals Extraction Corporation, Limited, No. 28908).†

Dunvant, H. T. and another, London, England; metal-extraction; 28907, 7th December, 1909.†

Duthie, D. W., Auckland, New Zealand; dredge; 27324, 17th February.

Duthoit, A. and another, Melbourne, Victoria; boot and shoe sole; 28655, 21st October.

Dutton, C., and others, London, England; railway signaler and interlocker; 28541, 14th February.

Dufeld, A. H., Hawera, New Zealand; hook-boot; 27787, 27th May.

Duthoit, C. D., and others, Melbourne, Victoria; deck-chair; 27357, 24th February.

Dyer, G. P., Dunedin, New Zealand; acetone-generator; 28755, 16th November.

Eade, W. R., Heriot, New Zealand; swing-frame-hook; 28209, 4th August.

Eade, C. S., Karori, New Zealand; collapsible box; 28332, 30th August.

Eakins, M. O., Otaio, New Zealand; securing skethis to plough- beams; 27390, 26th August.

Edmonds, E., Christchurch, New Zealand; ga me; 27044, 27th April.

Edwards, A. H. Stuart-Erward.†

Edwards, A. H., Sydney, New South Wales; shirt-collar; 28509, 28th September.

Edwards, F., Auckland, New Zealand; tobacco-cutter; 28119, 19th July.

Edwards, G. W., Invercargill, New Zealand; flax-washer; 28202, 26th July.

Edwards, T., Ballarat, Victoria; dust-preventing, or dropping apparatus; 27750, 18th May.

Edwards, T., Ballarat, Victoria; roasting furnace; 28427, 14th September.

Edwards, T., Ballarat, Victoria; feeding-device for roasting-furnace; 28428, 14th September.

Edwards, W., and another, Temuka, New Zealand; display-card, &c; 28948, 9th April.

Ehmer, J. M., and another, Beierfeld, Germany; talking-machine; 27492, 1st May, 1909.†


Elwood, W. C. and another, Sydney, New South Wales; saucepan; 28474, 17th November.

Elliott, J. H., Dunhuings, New Zealand; wire-wrapping machine; 28888, 17th December.

Elliott, A. D., Lawrence, United States America (see E. N. Waterhouse, No. 27029).

Elliott, H., Dunedin, New Zealand; shaping-machine spring and guard; 28359, 7th December.

Elliott, H. D., Globe Point, New South Wales; aerial car for amusement; 28944, 7th December.


Elliott, S. W., and another, Sydney, New Zealand; meat; &c; 28017, 28th August.

Eppler, A., Lynn, United States America (see United Shoe Machinery Company, Nos. 27909, 28106, 28109, 28110).

Eustice, T. P., and another, Wellington, New Zealand; tea-can; 27320, 2nd March.

Eustice, T. P., and another, Wellington, New Zealand; tooth-powder tin; 28064, 12th July.

Eustice, T. P., and another, Wellington, New Zealand; cake-safe; 28275, 17th August.

Eustice, T. P., and another, Wellington, New Zealand; water-tower vehicle; 28275, 17th August.

Evans, W. T., and another, Glasgow, Scotland; electric igniting-apparatus; 28128, 19th July.

Evelyn, E. S., Auckland, New Zealand; throat medicine; (G. Quesnot); 28410, 9th September.

Evelyn, E. S., and others, Auckland, New Zealand; bottle; 28457, 13th September.

Ewell, H. P., Detroit, United States America; making liquid-sodium amalgan, 28388, 5th September.

Ewing, D. A., Marton, New Zealand; threshing-machine sheet-band-cutter; 28341, 7th September.

Fabian, C. H., Wellington, New Zealand; skylight; 28125, 21st July.

Falconer, T. and another, Gore, New Zealand; chaff-cutter knife sharpener; 27243, 3rd February.

Fulkner, A. and another, Melbourne, Victoria; sheep-shearing machine; 28938, 6th December, 1909.†

Fulkner, A., Kainararo, New Zealand; building-construction; 27471, 25th November.

Fannin, Hart, Masterton, New Zealand; motor-car, &c, &c; 27129, 10th January.

Fell, R. E., Wananga, New Zealand; hat-pin; 27860, 4th June.

Fenton, J. W., Fairfield, New Zealand; rheumatism cure; 27972, 25th June.

Forsgren, P. H., Sydney, New South Wales; wire-strainer; 27355, 24th February.

Fornells, C. H., and another, Gisborne, New Zealand; milk-cup attachment; 28054, 29th August.

Fortin, T. H., Forest, United States America; boot and shoe making; 27134, 10th March, 1909.†
Hupp Motor-coe Company, Detroit, United States America; brake for motor-cars and the like: (E. A. Nelson); 27860, 20th July.
Hurt, T., Dunedin, New Zealand; draught-preventer: 27361, 17th November.
Hurtt, J., Gabriel's Gully, New Zealand; tap: 27840, 6th June.
Hutchison, J., and others, Wellington, New Zealand; postal pillar boxes: 28414, 10th September.
Hutchinson, G., Christchurch, New Zealand (see Hutchinson's Scales Company, Limited, No. 28011).
Hutchinson, G., Christchurch, New Zealand; seed-sower: 27563, 9th April.
Hutchinson, J. H., Auckland, New Zealand; handling and transporting material: 28422, 12th September.
Hutchinson's Scales Company, Limited, Christchurch, New Zealand; scales: (G. Hutchinson); 28081, 15th July.
Hutton, D. L., and another, Dunedin, New Zealand; water-main motor: 27116, 4th July.
Hyde, H. E., Hutt, New Zealand; packing case or crate: 28603, 2nd July.
Hydrocarbon Converter Company, New York, United States America; gas-manufacture: (R. B. Benham); 27228, 1st February.
Hynes, J. R., and another, Foxton, New Zealand; tow separator and conveyor: 27139, 11th January.
Imperial Cash-register Company, Limited, Wellington, New Zealand; cash-register: (C. Bristow); 28885, 19th December.
Ingram, C., Wainamu, New Zealand; brick-kiln: 27643, 27th February.
Ingram, J., Richmond, New Zealand; milk-separator: 28899, 19th December.
Ince, W. B., and another, Kaikoura, New Zealand: 28000, 30th June.
International Automatic Railway-switch Company, Birmingham, United States America; switch-throwing mechanism: (H. Shevell); 28280, 17th August.
Ireland, H. E., and another, Wahangunyah, Victoria; wire-splitter: 28678, 15th December.
Irwin, W., Tokokino, New Zealand; hen's nest: 27824, 4th June.
Ishida, I. S., Toronto, Canada; extracting precious values from ores: 28134, 21st July.
Jackson, F. E., Williamstown, Victoria; internal-combustion engine: 28041, 23rd August.†
Jackson, J. W., New Plymouth, New Zealand; stopping sand from drifting: 27265, 8th February.
Jackson, N. E., Masterton, New Zealand; stock-marker: 27939, 21st June.
Jackson, P. W., Wellington, New Zealand; game apparatus: 28222, 21st September.
Jacobson, T. B., Auckland, New Zealand; mono-rail railway: 27395, 4th March.
James, A., Feilding, New Zealand; totalizer: 28158, 27th July.
James, H. D. F., and another, Hawera, New Zealand; weather-logging: 27183, 21st July.
James, H. D. F., and others, Hawera, New Zealand; flax-treatment: 28327, 24th August.
James, H. W., Inglewood, New Zealand; milk, &c., separator: 27832, 23rd June.
Jameson, T. F., Frankton Junction, New Zealand; burglar-alarm: 27319, 18th February.
Jensen, A., Eureka, United States America; liquid heating and cooling: 27925, 20th June.
Jenkinson, J. D., and another, Bealesville, Victoria; collar: 27490, 14th September, 1909.†
Jerome, De Jersey, W., Jersey.
Johnston, H. V., Christchurch, New Zealand; lift-guage: 28835, 7th December.
Johns, A. R., Auckland, New Zealand; preserving tennis-balls: 27671, 22nd April.
Johnston, A. E., Beverly, United States America (see United Shoe Machinery Company, No. 27133).
Johnston, E., Melbourne, Victoria; cyaniding sulfuriferous ores: 27307, 20th April.
Johnston, S., Kongakau, New Zealand; gold-recovery from sand: 28057, 17th July.
Johnston (see Kent-Johnston).
Johnston, C., Christchurch, New Zealand; meat-safe: 28335, 5th September.
Johnston, G., Glasgow, Scotland; quartz-crushing: 28902, 20th December.
Johnston, G., Invercargill, New Zealand; lubricating bearings: 27676, 4th May.
Johnstone, J. C., Boksburg North, Transvaal; pulley or siller for conveyer-belt: 28462, 20th September.
Johnstone, A., and another, Palmerston North, New Zealand; froth-on-liquid prevention: 27982, 27th June.
Johnstone, W. L., and another, Palmerston North, New Zealand; frontier-ice preventing device: 28182, 2nd August.
Johnston, W. L., and another, Palmerston North, New Zealand; pasteurizer: 28672, 3rd November.
Jones, S., Clifton Hall, Victoria; air-carburettet: 27557, 23rd January.
Jones, A. C., and another, Ashburton, New Zealand; branding-device: 27501, 1st April.
Jones (see Hitchcock-Jones).
Jones, A. L., Gladstone, New Zealand; vehicle-break: 28004, 13th July.
Jones, A. L., and another, Wollongong, New South Wales; power-shaft coupling: 28433, 17th January.†
Jones, J., and another, Melbourne, Victoria; ore-treatment: 27390, 15th July.
Jones, J. O., Manaia, New Zealand; milk-cooler, &c.: 27419, 12th March.
Jones, J. O., Manaia, New Zealand; milking-machine: 27600, 29th April.
Jones, J. H. C., Auckland, New Zealand; vehicle-break: 28072, 7th November.
Jones, W., and others, Auckland, New Zealand; curtain-pole lifter: 27699, 23rd June.
Jones, J. O., Midhurst, New Zealand; candle-extinguisher: 28105, 19th July.
Jorgensen, O. A., Wellington, New Zealand; vastness seat and fasteners: 27835, 7th June.
Jory, E. J. W., Wellington, New Zealand; steam-boiler: 27599, 14th April.
Joughin, R., Matamata, New Zealand; vacuum-creating means: 28274, 14th December.
Joy, W., and another, Auckland, New Zealand; hat-pin: 28921, 22nd December.
Joy, W. G., and another, Auckland, New Zealand; piano-forte-panel: 27900, 14th June.
Joyce, E. J., and another, Karangahake, New Zealand; plough mould-board: 28242, 11th August.
Jurins, M., Wellington, New Zealand; aeroplane: 27712, 11th May.
Kahlerberg, P., Dunedin, New Zealand; golf-club, &c.: 27876, 25th September.
Kaino, F. C., South Haven, New South Wales; vending-machine: 27245, 17th March, 1909.†
Karlow, D. C., Dunedin, New Zealand; milk-can: 28682, 8th October.
Karna, J. P., Johnstown, United States America (see J. P. Karna Tunnelling Machine Company, No. 28795).
Karna, J. P., Tunnelling Machine Company, Johnstown, United States America; drilling-machine: (J. P. Karna); 27955, 22nd June.
Karna, J. P., Tunnelling Machine Company, Johnstown, United States America; drilling-machine: (J. P. Karna); 27955, 22nd June.
Keeley, F., To Kuiti, New Zealand; horse-bridle; 28814, 1st December.
Kem, W. M., Sydney, New South Wales; rabbits and hare packing; 28808, 1st December.
Keesing, H. M., Auckland, New Zealand; advertising-device; 28746, 10th March.
Kair, J., Sydenham, New Zealand (see P. & D. Duncan, Limited, Nos. 27238, 27942, 28655).
Kelly, J. B., Johnsonville, New Zealand; acetylene-generator; 27549, 2nd February.
Kelly, S. W., Auckland, New Zealand; carpet-clip; 28764, 23rd November.
Kennedy, H., and another, Midhurst, New Zealand; milk-cooler; 28990, 9th November.
Kennedy, R., and another, Glasgow, Scotland; milk-milking-machine; 27410, 10th March.
Kennedy, R., and another, Glasgow, Scotland; test-cup; 27546, 11th April.
Kent, H. A. R., Preston, Victoria (see W. S. McDonald, Nos. 29006, 26207).
Keppel, J. J., Dunedin, New Zealand; wire-strainer; 27307, 14th February.
Keppel, J. J., and another, Outram, New Zealand; flux-catcher; 28103, 14th July.
Kerby, F., Paddington, New South Wales; mill-belt fastener; 28806, 14th March.
Kerr, A. D., Wellington, New Zealand; aerialplane; 28233, 10th August.
Kershaw, H., and another, Christchurch, New Zealand; station-indicator; 27716, 11th May.
Kershaw, H., and another, Christchurch, New Zealand; receiver; 28237, 21st August.
Kettle, H. G., Dunedin, New Zealand; cooling-apparatus; 28232, 8th August.
Kettle, H. G., Dunedin, New Zealand; milk-milking-machine; 28231, 7th December.
Kidd, T., Invercargill, New Zealand; milk-apparatus; 27393, 11th February.
Kidd, T., Invercargill, New Zealand; milking-machine; 28448, 16th September.
Kidd, T., Invercargill, New Zealand; milking-machine; 28883, 16th December.
Kilborn, A., Middle Brighton, Victoria; elastic fluid motor; 28306, 31st January.
King, A. E., Annandale, New South Wales; vehicle armrest; 28504, 28th September.
King, G. and another, Wellington, New Zealand; kerosene, &c. filling-apparatus; 27286, 12th February.
King, G., and another, Wellington, New Zealand; music-hall; 27287, 12th February.
King, J. B., and others, Clyde, United States America; maulscrew; 27785, 11th January.
King, R., and another, Palmerston North, New Zealand; motor-vehicle; 28590, 25th August.
King, W., Wellington, New Zealand; boot-upper; 28620, 30th September.
Kinmonth, W. N., and another, Auckland, New Zealand; dredging; 27324, 17th February.
Kirkbridge, J. L., Auckland, New Zealand; trolley-pole; 27359, 26th February.
Kirkwood, J. C. P., Wellington, New Zealand; electric water-heater; 27570, 3rd May.
Kirkwood, J. C. P., Wellington, New Zealand; electrical-cooker; 28034, 25th December.
Kirkwood, J. C. P., Wellington, New Zealand; electric-heating-contoller; 28094, 7th November.
Kirkwood, J. C. P., Wellington, New Zealand; electric iron; 28701, 8th November.
Knight, G. H., St. Peter's, South Australia; parcels, &c., stamp; 27039, 27th April, 1909.
Knutsen, H. W., Brussels, Belgium; petroleum, &c.; manufacture; 27384, 19th April.
Knutsen, H. P., Auckland, New Zealand; monochrome and yellowewhite; 28296, 25th August.
Kochendorfer, G., Melbourne, Victoria; bottling-machine; 27611, 21st April.
Kohler, C., Invercargill, New Zealand; telephone time-recorder; 28086, 6th November.
Kohnle, F., Dayton, United States America (see G. S. Hunter, Nos. 26293).
Korth, A. H., Gibborne, New Zealand; reinforced-tar mixture; 28581, 14th October.
Koszegi, K., and another, Baja, Hungary; cultivator; 27458, 29th March.
Kozlovsky, M., Auckland, New Zealand; clothes-washer; 28610, 16th October.

Kramer (see Von Kramer).
Kraft, G., Glasgow, Scotland (see T. McClelland, jun., No. 29714).
Kruskopf, J. H., Hindon, New Zealand; motor-vehicle; 27291, 11th February.
Kuhn, E. A., Auckland, New Zealand; beer, &c.; manufacture; 28555, 8th December.
Kuschert, F. C. W., and another, Wahgunyah, Victoria; wire-strainer; 28874, 15th December.
Kylberg, V., Tautun, New Zealand; lock-out; 28208, 4th August.
Kynaston, J., Owais, New Zealand; rabbit-trap fixer; 28125, 21st July.
La Chapelle, E. L., and another, Beverly, United States America; United States Machine Company, No. 28774.
Leaffy, J., and another, Cromwell, New Zealand; water-motor; 27116, 4th January.
Laidlaw and Gray, Limited, Dunedin, New Zealand; rabbit-trap (J. Clark); 27553, 22nd February.
Lambie, R., jun., and another, Phihama, New Zealand; exhausting air from closed vessels; 27240, 4th February.
Laing (see Compagnie Francaise des Produits Laitiers Sociedade Anonyme, No. 27391).
Lancaster, E. N., Otake, New Zealand; binding paint-brush; 27232, 2nd October.
Land, G., and another, Hastings, New Zealand; skylight; 27489, 31st March.
Landon, J. M., London, England; sound-trumpet or amplifier; 28264, 14th August.
Lane, F. A., Little Falls, United States America (see W. H. Lawrence and R. Kennedy, No. 27546).
Lang, C., and another, Pollokshields, Scotland; sausage-cure; 27432, 22nd March.
Langford, E. A., New Brighton, New Zealand; clothes-drying horse; 27628, 7th December.
Langman, H. W., Nelson, New Zealand; wire-strainer; 28402, 8th September.
Larcomb, E., Wellington, New Zealand; eisison; 27322, 2nd October.
Latham, R., Nagarsawahis, New Zealand; rifle; 27230, 28th January.
Latham, R., Nagarsawahis, New Zealand; cooling breech, &c., of rifle; 27231, 28th January.
Laurence, L. F., New Plymouth, New Zealand; plough; 27576, 19th January.
Laut, C., Gulogong, New South Wales; percussion-composition; 28001, 30th June.
Law, F. H., Marshalls, New Zealand; bag-lifter; 27303, 1st November.
Lawrence, J. C. F., Prahran, Victoria; aerating-machine; 27743, 16th October, 1909.
Lawrence, W. H., and another, Pollokshields, Scotland; milk-milking-machine; 27410, 10th March.
Lawrence, W. H., and another, Glasgow, Scotland; test-cup; 27410, 11th April.
Lawrie, J. S., Dunedin, New Zealand; piston-rod-packing device; 27445, 18th March.
Lazarus, H. G., and others, Wellington, New Zealand; windlass; 27542, 21st August.
L. B. Manufacturing Company, San Jose, United States America; cycle parcel-carrier; (H. G. Brothz.; 28416, 23rd July.
Leathart, R. M. W., Onchega, New Zealand; rat-trap; 27371, 12th May.
Lecheo, J., London, England; electric motor; 28507, 8th November.
Le Couvre, A. J., Worcester, United States America; corset; 28682, 18th December, 1909.
Ledingham, A. and another, Hastings, New Zealand; weatherboarding substitute; 28291, 17th August.
Leg, G. A., and others, Dunedin, New Zealand; sliding-door; 27209, 29th June.
Lecho, A. H., Enmore, New South Wales; ladies' suspender; 28637, 29th October.
Lees, A. H. C., and others, Christchurch, New Zealand; rifle-muzzle-movement restricting; 27523, 8th April.
Lees, C. A., and others, Christchurch, New Zealand; rifle-muzzle-movement restricting; 27522, 9th April.
Leit, A., and others, Berlin, Germany (see E. Phillipp, No. 27045).
Leist, C., Sydney, New South Wales; meat-slicing machine; (Schneid-Maschinenfabrik, Graff, and Stein—F. Graff); 27031, 27th April.
Leitch, A., and another, Blackball, New Zealand; bicycle-tire attaching; 27376, 19th January.
Leeman, C. V., and another, Auckland, New Zealand; making cavity-wall concrete buildings; 28140, 22nd July.
Leeman, C. V., and another, Auckland, New Zealand; making cavity-wall concrete buildings; 28145, 22nd July.
Leonard, J., Wellington, New Zealand; game apparatus; 27767, 24th May.
ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR 1910—continued.

Le Roy, E., Auckland, New Zealand; sail, &c.; 27523, 5th January.
Le Roy, E., Auckland, New Zealand; coat; 27631, 3rd May.
Le Roy, E., Auckland, New Zealand; hook-eye, &c., for doors; 27890, 12th May.
Leviens, E. P., Oroua Bridge, New Zealand; flax-dressing machine; 27331, 21st February.
Leviens, E. P., and another, Oroua Bridge, New Zealand; flax-dressing machine; 27331, 21st February.
Levinge, H. M., Okato, New Zealand; table; 27574, 16th April.
Levinge, H. M., Okato, New Zealand; dumb waiter; 27739, 17th May.
Lewis, F., Ngiao, New Zealand; wire-strainer; 28259, 16th June.
Lewis, W., Wellington, New Zealand; acetylene-generator; 27192, 24th January.
Letz, W. F., Wellington, New Zealand; dry closet; 27197, 25th January.
Liets, W. F., Wellington, New Zealand; waste-flax utilization; 28671, 3rd November.
Ligerness, J., Tokomaru, New Zealand; flax-seeder; 27757, 25th January.
Liggins, J., Tokomaru, New Zealand; flax-seeder; 28443, 10th August.
Limmer, J. B., and another, Wellington, New Zealand; fuel-economizer and trivet; 28615, 29th September.
Lindac, A. E., Eternwick, Victoria; draught and dust excluder; 28443, 14th September.
Lindstrom, K. I., Nykvarn, Sweden; changing continuous pressure into an intermittent one; 27110, 4th January.
Little, H. P., and another, Wellington, New Zealand; aeroplane; 27467, 24th March.
Litle, J., Camberwell, Victoria (see Woods-Gilbert Rail-Planting Company, Limited, New Zealand); cleaner; 27996, 30th April.
Little, W., and another, Auckland, New Zealand; advertising-medium and match-box; 28055, 12th July.
Little, W., and another, Auckland, New Zealand; time-indicator; 28056, 12th July.
Little, W. G., East Grinsted, England; cleaning-fluid; 28213, 20th November, 1908.*
Littleton, J., Wellington, New Zealand; fluid-pressure engine; 28364, 1st September.
Livesay, J. W., Ellerslie, New Zealand; flax-towing-up machine; 28868, 10th December.
Livingstone, H. A., Winton, New Zealand; spark-arrester; 27734, 13th May.
Loach, T. E., Hastings, New Zealand; milk-strainer; 28055, 12th July.
Loasby, P. C., and another, Christchurch, New Zealand; aeroplane; 28191, 2nd August.
Lockett, G. H., and another, Gisborne, New Zealand; closet-seat; 27320, 15th February.
Lofthouse, H., Frances Aires, Argentina; fencing-dropper; 27916, 15th June.
Lomas, G., Sydney, New Zealand; truck - haulage; 28890, 17th December.
Long, A. M., Gisborne, New Zealand; weed-destroying compound; 27819, 28th May.
Long, A. M., Gisborne, New Zealand; Californian-thistle, &c., destroyer; 28102, 15th July.
Long, E. R., Christchurch, New Zealand; jar-filler; 28332, 26th August.
Long, E. R., Ashburton, New Zealand; knife-cleaner; 28139, 18th August.
Long, T. F., Gisborne, New Zealand; billiard-cue attachment; 27921, 8th February.
Longdin, F. E., Christchurch, New Zealand; bicycle cutting-grinder and polisher; 27341, 21st February.
Louden, J., and others, Dunedin, New Zealand; sliding-door; 27220, 24th January.
Lough, F., Whanganui, New Zealand; method of teaching arithmetic; 28033, 4th July.
Love, J. H., and another, Auckland, New Zealand; reins-attachment; 28407, 9th September.
Love, R., and another, Auckland, New Zealand; reins-attachment; 28787, 25th November.
Love, R. G., Dunedin, New Zealand; pin; 27985, 25th June.
Love, R. G., Dunedin, New Zealand; brooch-pin; 27986, 20th June.

For the names of the manufacturers see the table of manufacturers.

Love, W. J., and another, Burnside, New Zealand; cement-manufacturing apparatus; 27257, 20th February.
Love, W., D., Renfrew, Canada; cream-separator; (G. T. Soderstrom); 27112, 4th January.
Lowe, C. P., South Kuir, New Zealand; cultivator; 28405, 10th September.
Lowe, G. I., Foxton, New Zealand; flax-catcher; 27803, 9th November.
Lowry, H., Belfast, Ireland; pipe obstruction removal; 28673, 30th November.
Luciere, L., Lyons, France; acoustical instrument; 28917, 30th December, 1909.*
Lund, T., and another, United States America; boot-top lift; 27789, 29th May, 1909.*
Lund, T., Beverly, United States America (see United Shoe Machinery Company, Nos. 28060, 28061).
Lundy, D., Morven, New Zealand; windmill-controller; 27769, 24th May.
Lungley, C. F., Melbourne, Victoria; hide, &c., treatment; 28848, 7th June.
Lycell, A., Wellington, New Zealand; non-refillable bottle; 28509, 8th October.
Lynell, A., W., Wellington, New Zealand; non-refillable bottle; 28860, 9th December.
Lynch, J. H., and others, Matauewan, United States America; furnace; 28663, 6th November.
Lynnes, R., Renfrew, England; contact-finger for electrical controller, &c.; 28012, 29th June, 1909.*
McArthur, C., and others, Wellington, New Zealand; postal-pillar-box; 28441, 16th September.
McArthur, G. and another, Kaiwai, New Zealand; night Soil; &c., treatment; 27691, 5th May.
McBeth, H. J., and another, Dalby, Queensland; stirrup-leather releasing; 27948, 23rd June.
McCarthy, M. J. N., Wellington, New Zealand; kinemato-graph and phonograph; 28486, 24th September.
McCarthy, T., and another, Palmerston North, New Zealand; oil-filler and shingle-adjuster; 28341, 29th August.
McClelland, T., Jun., Cathcart, Scotland; electrical water-heater; (K. Krat); 28716, 10th November.
McCull, H. W., Dunedin, New Zealand; water-heater; 28630, 21st October.
McCombe, J., and another, Christchurch, New Zealand; tire-plate; 28854, 7th December.
McConkey, M., Timaru, New Zealand; greenhouse-ventilation; 28854, 7th December.
McCrae, H., Wellington, New Zealand; mattress; 27188, 21st January.
McCrae, D., Johnsonville, New Zealand; mattress-manufacturing machinery; 27893, 14th June.
McDonald, F. M., Dunedin, New Zealand; envelope-sealing machine; 27140, 11th January.
McDonald, F. J., Dunedin, New Zealand; steaming-valve &c.; 27343, 23rd March.
McDonald, H., Putaruru, New Zealand; lock-nut; 27903, 24th June.
McDonell, J. L., Holcombe, New Zealand; sketh, &c., axle; 27468, 23rd March.
McDonald, M., Clunes, Victoria; railway signalling-apparatus; 28407, 9th September.
McDonald, N. W., Swan Hill, Victoria; fencing-dropper 27645, 27th April.
MacDonald, P. F. M., Napier, New Zealand; envelope-sealing machine; 27140, 11th January.
Macdonald, R., Chelsea, New Zealand; electric-lamp-holder lock; 28319, 9th August.
MacDonald, A. A., Napier, New Zealand; spirit-proofing apparatus; 28521, 26th November.
MacEwan, J. B., and Co., Limited, Wellington, New Zealand; making-apparatus machine; (A. A. Robertson); 27145, 15th January.
McEwen, M., and another, Glasgow, Scotland; saucepan; 27452, 22nd March.

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ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR 1910—continued.

McFedden, J., and another, Edendale, New Zealand; milk-moulding machine; 27332, 9th April.
McFarland, J. G., Auckland, New Zealand; ferro-concrete structure; 28568, 10th October.
McFeely, R. F., Beverly, United States America; pulling-over machine; 27236, 19th April, 1909.f
McGaffin, R., Hastings, New Zealand; flax-catcher; 27338, 18th February.
McGaffin, R., Hastings, New Zealand; flax-conveyor-holding device; 27339, 18th February.
McGaffin, R., Hastings, New Zealand; flax-catcher-shutter; 27340, 19th February.
McGaffin, R., Hastings, New Zealand; flax-catcher; 27510, 1st April.
McGaffin, R., Hastings, New Zealand; flax-catcher chute; 27999, 4th May.
McGaffin, R., Hastings, New Zealand; flax-catcher chute or conveyor; 27999, 4th May.
McGaffin, R., Hastings, New Zealand; flax-washing machine; 27755, 17th May.
McGaffin, R., Hastings, New Zealand; flax-catcher; 27965, 24th June.
McGaffin, R., Hastings, New Zealand; tow-cleaning apparatus; 28517, 28th September.
McGaffin, R., Hastings, New Zealand; flax-dresser; 28518, 28th September.
McGaffin, R., Hastings, New Zealand; flax-catcher trip; 28438, 15th September.
McGo, W. G., Nelson, New Zealand; clothes-line apparatus; 28519, 11th November.
McGibbon, K. A., Dannevirke, New Zealand; clothes-washer; 28819, 3rd December.
McGregor, J., Dunedin, New Zealand; steam-generating boiler; 28458, 17th September.
Macgregor, W. P. S., Dunedin, New Zealand; fence dropper and spreader; 27860, 11th August.
Macindoe, A. E., Auckland, New Zealand; hot and cold water tap; 28611, 10th October.
MacInnes, D. L., and others, Wanganui, New Zealand; &c.; 28612, 4th August.
McIntyre, C., Richmond, Victoria; furnace air-bridge; 28127, 19th July.
McIntyre, J. E., and another, Onahungas, New Zealand; barrow; 27372, 28th February.
McIntyre, J. E., Longbush, New Zealand; ear-mark for sheep and cattle; 28698, 8th September.
Mackay, A. G., Waitai, New Zealand; marine-engine-racing preventer; 28092, 16th July.
Mckay, W., Tamatea, Victoria; broom; 27022, 21st April.
McKellar, A. W., Auckland, New Zealand; water-wheel; 27068, 27th January.
Mckay, W. R., and another, Porth, Western Australia; compound mechanism; 28727, 27th November.
McKellar, C. G., Christchurch, New Zealand; preserving-jar; 27861, 23rd June.
McKellar, C. G., Christchurch, New Zealand; water-closet; 27099, 29th June.
McKellar, C. G., Christchurch, New Zealand; screw-top jar; 28352, 11th August.
McKellar, C. G., Christchurch, New Zealand; flushing-system; 28406, 9th September.
McKellar, C. G., Christchurch, New Zealand; cycle-fittings; 28445, 27th October.
McKellar, C. G., Christchurch, New Zealand; tennis-racquet; 28720, 8th November.
McKellar, C. G., Christchurch, New Zealand; float-valve; 28781, 23rd November.
McKellar, C. G., Christchurch, New Zealand; tennis-racquet; 28918, 21st December.
McKellar, C. G., and others, Christchurch, New Zealand; reproduction of drawings; 28168, 27th July.
McKellar, C. G., and others, Christchurch, New Zealand; reproduction of drawings; 28168, 27th July.
MacKenzie, A. C., Melbourne, Victoria; sarcastic rail skid, &c.; 28467, 21st September.
MacKenzie, G. W., Caroline, New Zealand; castrating-tool; 28459, 25th April.
McKerihan, J. R., and another, Casino, New South Wales; butter-cutter; 27391, 15th February.
McKinlay, W., Dunedin, New Zealand; boot; 27981, 27th June.
McKinny, J. A., Riverton, New Zealand; couch; &c.; 27463, 22nd March.

Mackintosh, W. G., and another, Liscard, England; tool; 28063, 2nd November.
Macky, J. J., Auckland, New Zealand; furniture-caster; 27805, 11th June.
McLaren, J., Auckland, New Zealand; whip-thong; 28175, 5th September.
McLauchlan, E. M., Spring Hills, New Zealand; plough-attachment; 27901, 15th June.
McLaughlin, F., Wellington, New Zealand; push-cart; 27882, 13th June.
McLaurin, A., and another, Marokopa, New Zealand; water-tank attachment; 27764, 24th May.
McLaurin, A., and another, Marokopa, New Zealand; tank or vat; 28054, 12th July.
McLean, W., North Shields, England; chimney draught-inducer; 27430, 15th March.
McLean, D. W., Methven, New Zealand; adding and scoring apparatus; 27809, 16th July.
McLean, F. R., Waipatiki, New Zealand; turbine; 27256, 4th March.
McLean, F. R., Waipatiki, New Zealand; turbine; 28684, 5th November.
Maclean, T., Greenshills, New Zealand; door and window fastener; 28573, 14th November.
McLeish, D., and another, Napier, New Zealand; spraying-apparatus; 28261, 16th August.
McLeod, A., Auckland, New Zealand; califont; 27402, 22nd March.
McLeod, A., Auckland, New Zealand; water-heater; 27705, 5th May.
McLeod, A., Auckland, New Zealand; water-heater; 27765, 18th May.
McLeod, A., Auckland, New Zealand; water-heater; 28131, 31st May.
McLeod, A., Auckland, New Zealand; valve-cock; 27860, 4th June.
McLeod, A., Auckland, New Zealand; califont; 28022, 30th June.
McLeod, A., Auckland, New Zealand; califont, &c.; 28217, 9th June.
McLeod, A., Auckland, New Zealand; lamp; 28567, 10th October.
McLeod, A. M., Eltham, New Zealand; clothes drying apparatus; 27637, 24th April.
McLeod, C., Toronto, Canada (see Massey-Harris Company, Limited, No. 27511.
McLeod, D., Dunedin, New Zealand; candle-stick; 28076, 14th July.
McLeod, H. F., and others, Auckland, New Zealand; gold-separator; 27890, 2nd June.
McLeod, J., Eltham, New Zealand; blower-fastener; 27334, 21st February.
McLeod, J. H., Carterton, New Zealand; milk-cooler; 27180, 17th January.
McLeod, J. H., Carterton, New Zealand; cheese-vat; 28653, 21st October.
McLeod, W., Wanganui, New Zealand; seat; 27229, 1st February.
McLeod, W., Wanganui, New Zealand; collapsible seat; 27815, 4th October.
Mackenzie, J. M., Melbourne, Victoria; air-circulating apparatus; (R. Bayson); 27639, 27th April.
McMullan, R., Fremantle, Western Australia; aero-plane-balancer; 28310, 23rd August.
McMurdo, H., Windsor, Victoria; boiler-feeding; (W. B. D. Fowlinghaus); 27920, 17th June.
McMurray, J. B., Ashland, New Zealand; band-shears; 28374, 1st September.
McNab, N. S., and another, Caulfield, Victoria; stamping-machine; 27922, 18th June.
McNab, N. S., and another, Dunedin, New Zealand; franking-machine; 28013, 29th June, 1909.f
McNaught, W. A., Caulfield, Victoria; registering-device; 28804, 1st December.
McNaught, W. A., Dunedin, New Zealand; wool-classing chart; 27460, 7th March.
McNaught, W., A., Dunedin, New Zealand; branding-device; 28170, 27th July.

McNaught, R., Warragul, Victoria; axle - cap; 27172, 10th January.


McNeil, F., Timaru, New Zealand; steam - boiler firing; 28010, 23rd June.

McNicol, R. W., Dunedin, New Zealand; brooch-fastener; 28099, 17th December.

McRae, A., and others, Invercargill, New Zealand; clothes-peg; 27011, 15th June.

Macpherson, J., Auckland, New Zealand; acetylene-genera-
or; 27788, 20th May.

Macpherson, R., and others, Brideshead, England; soap-
manufacture; 27740, 17th May.

Meltz, W., Hedgehope, New Zealand; plough; 28566, 31st August.

Madder, W., and another, Lyttelton, New Zealand; non-
refillable bottle; 27897, 13th June.

 Magnus, P., Northcote, Victoria; motor-tire tread; 27130, 11th January.

Mahler, G., Melbourne, Victoria; motor-car, &c., speed-
cutter; 28179, 13th October.

Main, J. E., Christchurch, New Zealand; lawn-edge trimmer; 28860, 12th December.

Marchant, S. S., Toko Bay, New Zealand; sunken-rock indicator; 27909, 30th May.

Maloney, J. P., Fortrose, New Zealand; box stapling and wiring; 27581, 23rd May.

Mander, H., and another, Westport, New Zealand; boot - heel
stiffener; 28072, 11th July.

Mander, H., and another, Westport, New Zealand; vermin-
preventing corrugated iron; 27833, 24th May.


Mann, J. W., and another, Dunedin, New Zealand; motor; 27893, 15th April.

Marchant, S. R., Balaclava, South Australia; building-
construction; 28836, 7th December.

Marchest, G., and another, Leichhardt, Victoria; braze; 27853, 18th July.

Marks, H. S., Melbourne, Victoria; chaff-cutter gear; 28058, 12th July, 1909.†

Marks High-speed Inversible Turbine Company, Limited, Auckland, New Zealand; turbine; (H. Beauch); 28118, 18th July.

Marriott, C., and another, Northcote, Victoria; leather-sheet boiler; 27877, 10th September.

Marriott, C., and another, Northcote, Victoria; leather-sheet manufacture; 27908, 16th June.

Marriott, C., and another, Leeds, Victoria; boot, &c., welt manufacture; 28010, 30th June.

Marsden, H., and another, Randwick, New South Wales; signal-display apparatus; (J. G. Deeble); 27755, 15th February.


Marshall, R. F., and another, Invercargill, New Zealand; vehicle-wheel; 27221, 27th January.

Marshall, W. F., and another, Melbourne, Victoria; rail
milling and grinding machine; 28471, 22nd September.

Martensen, M. F., Palmerston North, New Zealand; step-
ladder; 28101, 18th July.

Martin, J. W., Wellington, New Zealand; electric - wire
insulating; 28822, 5th December.

Martin, C. W., Wellington, New Zealand; electric heating-
oven; 27835, 23rd December.

Martin, P., and another, Granite, New Zealand; axle-
lubricator; 28387, 6th September.

Martin, W. M., Redruth, England; ore-separator; 27210, 19th January.

Martin, W. M., Redruth, England; ore-treatment; 28270, 1st June.

Martin, W. W., Wellington, New Zealand; obstruction-in-
main protection; (J. T. Catling); 28585, 8th December.


Mason (see Blair-Mason).

Massey, G., Sydney, New South Wales; sheep-shearing
machine; 27461, 23rd March.

Massey, G., Sydney, New South Wales; sheep-shearing
machine; 28121, 21st July.

Massey, G., Sydney, New South Wales; sheep-shearing
machine; 28345, 30th August.

Massey-Harris Company, Limited, Toronto, Canada; bear-
ings; (C. McLeod); 27113, 11th January.

Massey, R., Sydney, New South Wales; attaching collars to
blouses, &c.; 27738, 24th February.

Matheson, D., Martinborough, New Zealand; paint-brush; 28293, 10th August.

Matheson, J. D., Fairlie, New Zealand; bridle; 28302, 22nd August.

Maund, R. M., and another, Palmerston North, New
Zealand; roller fire-screen; 28244, 12th August.

Maund, R. S., Hawera, New Zealand; milk releaser and conver-
yor; 27401, 9th March.

May, F. E., and another, Dunedin, New South Wales; ward-
robe; 27273, 9th February.

May, J., Melbourne, Victoria; liquid-cooler; 28833, 5th December.

May, J. C., Onetangi, New Zealand; egg-carrier; 28618, 21st October.

May, J. C., Woolloomooloo, New South Wales; valve and valve-seat; 28141, 22nd July.

May, R., and others, Sydney, New South Wales; wardrobe; 27273, 9th February.

Mayo, B. F., and another, Salem, United States America (see
United Shoe Machinery Company, No. 28774).

Mayo, C. R., London, England; grease-extraction from wool-
skins; 27771, 12th July.

Mead, J., Warkworth, New Zealand; petroleum and carbide
gas generator; 28099, 12th July.

Medland, C. G., Christchurch, New Zealand; Great Barrier;
pudding-steamer; 28665, 2nd May.

Mehring, W., Keymer, United States America (see W. Veale, No. 28743).

Meissner, A., Berlin, Germany (see E. Phillips, No. 28551).

Mellor, C. F., Adelaide, South Australia; stump-jumping agricultural implement; (J. A. Shearer); 27154, 13th January.

Melville, C., Blenheim, New Zealand; railway, &c., carriage
gate; 27329, 8th April.

Mence, T., and others, Melbourne, Victoria; deck-chair; 27357, 24th February.

Meserschmitt, S. B., C. W., Copenhagen, Denmark; metal
capsole; 27308, 10th February.

bringing into contact with liquid; (H. T. Dursant); 28098, 11th September.

Metcalfe, G., New Plymouth, New Zealand; puncture-
resisting material; 27290, 14th February.

Metcalfe, G., New Plymouth, New Zealand; wearing-sub-
stance production; 27623, 22nd April.

Metcalfe, G., New Plymouth, New Zealand; wear-resisting
material; 28060, 24th June.

Metcalfe, H., Auckland, New Zealand; scaffolding-bracket;
28248, 12th August.

Metcalfe, H., Auckland, New Zealand; scaffold-bracket
attachment; 28653, 25th October.

Metcalfe, H., Auckland, New Zealand; nut-lock; 28719, 10th November.

Metters, F. A., and another, Croydon, South Australia (see
A. B. Barrymore, No. 28877).

Metzenthin, J. E., Palmerston North, New Zealand; milking-
machine pulsator; 27119, 9th January.

Metzler, F. M., Ascot Vale, Victoria (see Duplex Screw Drill
Company Proprietary, Limited, No. 28300).

Mondell, W. G., Melbourne, Victoria; fuel-manufacture;
(C. B. Teasdale); 27367, 1st March.

Meyer, J. C., and others, Matawan, United States America;
barrel; 28130, 5th November.

Meyer, W. C., and another, Boston, United States America
(see United Shoe Machinery Company, No. 28111).

Mills Limited, London, England; leather-polish; (A. W.
Urmestor); 27463, 22nd March.

Midgley, A. H., and another, Acton Vale, England; dynamo,
electric machinery; 28266, 18th August.

Millburn, J., Havock, North, New Zealand; cinematograph;
27083, 24th June.

Mildenhall, T. J., Opunake, New Zealand; horse-copper;
27844, 30th August.

Miller, W. W., Wellington, New Zealand; room-heater;
27992, 28th June.

Miller, W. R., Wellington, New Zealand; electric cooker;
27903, 24th January.

Miller, J. W., and another, Casino, New South Wales; butter-
esett; 27301, 15th February.

Miller, T., Auckland, New South Wales; steam-engine; (F. J.
Bouz); 28053, 4th July.

Miller, T., Auckland, New Zealand; valve; (T. Boulogue);
28164, 1st August.
Morgan, H., Cromwell, New Zealand; obtaining gold from river-beds; 27001, 1st May.

Morgan, H., Dunedin, New Zealand; dredge; 28511, 27th September.


Morley, G. H., Mahora North, New Zealand; preventing escape of steam from broken gauge-glass; 27493, 24th March.

Morley, G. W. K., Christchurch, New Zealand; milking-machine; (Mjölkningsmaskin Aktiebolaget—G. Dalen); 27635, 4th June.

Morley, G. W. London, Christchurch, New Zealand; liquid-heating apparatus; 27830, 6th June.

Morris, T., Dunedin, New Zealand; wire-clip; 27822, 2nd June.

Morris, T., Dunedin, New Zealand; clip; 28721, 8th November.

Morris, W., Charing Cross, New Zealand; harrow; 27616, 22nd April.

Morrison, J., Kaukapakapa, New Zealand; hopper for oat-meal; &c.; 28082, 15th July.

Morse, C. G., and another, Gisborne, New Zealand; water tank and cooler; 27244, 3rd February.

Morton, W., Dunedin, New Zealand; hat-pin; 27362, 26th February.

Morton, W., Dunedin, New Zealand; framing-machine; 27532, 26th April.

Morton, W., Dunedin, New Zealand; retaliant wheel-tire; 28285, 3rd August.

Morton, W., Dunedin, New Zealand; hat-pin-point protector; 28912, 20th December.

Morton, W., Dunedin, New Zealand; framing-machine; 29020, 21st December.

Morton, W., and others, Dunedin, New Zealand; water-level instrument; &c.; 28801, 14th December.

Morse, W., and others, Auckland, New Zealand; curtain-pole lifter; 27969, 3rd June.

Moss, E., Dallington, New Zealand; stamping-machine, &c.; ribbon-ribbon; 27418, 11th March.

Moss, E., Christchurch, New Zealand; grain-distributor; 28301, 19th August.

Moss, E., and another, Hamilton, New Zealand; paper-folding-device; 28329, 23rd August.

Moss, E., Christchurch, New Zealand; egg-parcelling; 27838, 14th November.

Motor-tire Company, Burnley, Victoria; pneumatic-tire-cover; (E. Clark); 27692, 20th April.

Mueller, C. B., Cleveland, United States America; tennis-racket; 28482, 22nd September.

Muhlbien, H. W., San Francisco, United States America (see S. and M. Drill Company, No. 27478).

Muir, C. G., and another, Redfern, New Zealand; furnace-door; 28550, 6th October.

Muir, J., Temuka, New Zealand; earthenware-pipe socket; 27671, 19th April.

Muir, J. F., and another, Middle Park, Victoria; high-pressure filter; 28382, 6th September, 1905.

Munro, C. S., Kew, New Zealand; feeding-bottle and bed-warmer; 28555, 11th August.

Munro, J. G., Gore, New Zealand; milking-machine air-seal; 28040, 7th July.

Munro, J. A., and another, Melbourne, Victoria; rope-coupler; 28084, 5th August, 1905.

Murdock, J., Dunedin, New Zealand; trowers; &c.; 27009, 19th April.


Murphy, T. J., Rochester, United States America; electricity-recifier; 27156, 13th January.

Murray, A. C., and another, Timaru, New Zealand; paper, twine, and label holder; 28583, 14th August.

Murray, J. L., Auckland, New Zealand; acetylene-generator; 27587, 19th April.

Murray, W., and another, Armcliff, New South Wales (see Q. E. Fortescue and Sons, Limited, No. 27812).

Mutton, J. Auckland, New Zealand; cup and saucer display rack; 28503, 28th September.

Myatt, A., Waikaka Valley, New Zealand; horse-attaching; 28975, 16th October.

Myatt, O. A., New York, United States America; pressed-glass-enclosure manufacture; 28225, 9th August.

Nathan, F. J., and another, Palmerston North, New Zealand; hot-water bathe; 27007, 18th November.

National Car Advertising Company, Chicago, United States America; display device; (M. T. Ash); 27894, 22nd June.

Neal, C. C., To Kowhai, New Zealand; milk strainer and aerator; 28421, 18th September.
Seifert, H., and another, Palmerston North, New Zealand; fax-tracing machine; 28009, 30th June.

Seifert, H., and another, Palmerston North, New Zealand; fax-catcher; 28103, 18th July.

Seifert, W., Palmerston North, New Zealand; fax-catcher; 27743, 17th May.

Seifert, W., Palmerston North, New Zealand; fax-catcher; 27746, 17th May.

Seifert, W., Palmerston North, New Zealand; fax-catcher; 27747, 17th May.

Seifert, W., Palmerston North, New Zealand; fax-catcher; 28009, 30th June.

Seifert, W., Palmerston North, New Zealand; fax-catcher; 28030, 7th July.

Seifert, W., Palmerston North, New Zealand; fax-catcher; 28115, 18th July.

Selwood, C. C., and another, Christchurch, New Zealand; cycle-pump; 27822, 25th November.

Semb, F. G., and another, Christchurch, New Zealand; hose-detector; 28496, 27th September.

Senior, T., Petone, New Zealand; milk-bucket; 27211, 28th January.


Sheglett, E., Wellington, New Zealand; beer; 27538, 11th April.

Sheglett, E., Wellington, New Zealand; banana-fermented beer; 27690, 5th May.

Sheglett, E., Wellington, New Zealand; poultryoster; &c.; 28009, 8th September.

Sharp, J., jun., and another, Nelson, New Zealand; pen-nib reservoir-attachment; 27249, 12th August.

Sharpe, J., Globe, New South Wales; intermittent delivery of liquids; 27374, 18th May.

Sharple, D. T., West Chester, United States America; test-tube; 27372, 11th November.

Shattky, C. H., Hastings, New Zealand; railway-rail-joining; 28771, 22nd November.

Shaw, A. J., Dunedin, New Zealand; obtaining gold from river-bottom; 27881, 3rd September.

Shaw, C. and others, Indianapolis, United States America (see American Box Company, No. 27399).

Shaw, T., and another, Westport, New Zealand; suction-pipe; 28470, 22nd September.

Shaw, T., jun. and another, Westport, New Zealand; suction-pipe; 28938, 24th September.

Shearer, J. A., Unley, South Australia (see J. F. Mellor, No. 271).

Shelton, F. J., Wellington, New Zealand; acetylene-generator; 28998, 19th October.

Shemwell, H., Birmingham, United States America (see International Automatic Railway Switch Company, No. 29275).

Shepherd, A. R., and another, Wellington, New Zealand; cinematograph apparatus; 28022, 12th July.

Shepherd, W. G., Granville, New South Wales; door-stop; 27506, 13th April.

Shepherd, A. S., Timaru, New Zealand; plough-outfitter and clip; 27095, 5th May.

Shepherd, R. M., Sydney, New South Wales; window, &c.; catch; (G. M. Robb and H. R. Skertchly) 27496, 1st April.

Sheppey, H. T., and another, Sydney, New South Wales; meat-preservation; 27880, 4th May.


Shield, E. R., Hobart, Tasmania; fruit-grader; 28447, 17th September.

Short, J. A., Wellington, New Zealand; skylight; 28241, 11th October.


Simpson, W., and another, Waverley, New South Wales; shirt or blouse collar; 28010, 28th September.


Sim, R. D., Invercargill, New Zealand; wash-boiler; 27581, 16th April.

Simon, H. L., and another, Myross Bush, New Zealand; curry; 28389, 9th September.

Simonson, C., Matamata, New Zealand; leather, &c.; waterproof coating; 27327, 6th April.

Simonson, C., Matamata, New Zealand; textile-fabric, &c.; waterproof solution; 27528, 8th April.

Simonson, A., and another, Masterton, New Zealand; kerosene; 27286, 12th February.

Simonson, A., and another, Masterton, New Zealand; music-holder; 27297, 12th February.

Simonson, F. E., Sydney, South Wales; moisture-indicator; 28287, 18th August.

Simonson, F. E., Sydney, South Wales; moisture-indicator; 28301, 29th August.

Simonson, F. E., Sydney, South Wales; putting-steamer; 27616, 2nd April.

Simonson, N. M., and another, Sydney, South Wales; moisture-indicator; 27616, 2nd April.

Simonson, T. W., Castleford, England; glass-bottle-making machine; 27583, 19th April.


Simms, A. H., Rochlea, Victoria; churn and butter-worker; 27313, 18th April.

Sinclair, C. H., and another, Auckland, New Zealand; wire-weaving machine; 28345, 27th August.

Sinclair, K., Sydney, New South Wales; gas-compressor; (J. H. Sampson); 27666, 16th February.

Skewes, F. W., and another, Burnsise, New Zealand; cement-manufacture; 27282, 9th February.

Skelly, W., Melbourne, Victoria; steam-stopper method; 27880, 23rd November.

Skertchly, H. B., and another, Kew, Victoria; truss-stretcher; 27082, 5th June.

Skertchly, H. B., and another, Kew, Victoria (see S. H. Shepherd, No. 27496).

Slochon, J. H., and another, Church, England (see A. Holden, No. 29269).

Small, J., Timaru, New Zealand; fishplate; 27486, 21st March.

Small, J., Timaru, New Zealand; pasteurizer; 27322, 12th May.

Small, J., Timaru, New Zealand; boiler-cleaner; 28481, 22nd June.

Small, S. J., and another, Midhurst, New Zealand; milk-cooker; 28900, 7th November.

Smallbone, R. E., Auckland, New Zealand; turbine-motor; 27865, 31st August.


Smith, A., Timor, New Zealand; animal-trap; 29274, 17th August.

Smith, A. E., Christchurch, New Zealand; securing spare wheel; 27287, 22nd July.

Smith, A. L., New York, United States America; carton; 27728, 10th February.

Smith, C. A., Wellington, New Zealand; washing-machine; 27820, 18th August.

Smith, C. B., Dunedin, New Zealand; counter-sales book; 27877, 9th June.

Smith, C. W., Auckland, New Zealand; fog-alarm; 27970, 23rd June.

Smith, F. H., and another, Parkside, South Australia (see A. H. Maguire, No. 28372).

Smith, H. F., Auckland, New Zealand; hat-pin; 27118, 5th January.

Smith, J. C., Dunedin, New Zealand; hosting apparatus and circulars; 28407, 9th September.


Smith, T. M., Christchurch, New Zealand; linoleum-polish; 27660, 30th April.

Smith. W., Horsham, Victoria; preventing wooden spoons and hubs of vehicles from shrinking; 27353, 21st February.

Smith, W. P., Lyttelton, New Zealand; ticket-holder; 28026, 4th July.

Smith, W. W., and another, Timaru, New Zealand; paper, twine, and label holder; 28253, 13th August.

Smoothy, F., Paisley, East New Zealand; fencing-staple; 27416, 21st March.

Smurth, W., and another, Lawrence, New Zealand; wire-strainer; 27398, 8th March.

Snow, H. L., Dunedin, New Zealand; swimming-device; 27485, 30th March.

Société Anonyme pour l'Exploitation des procédés Westinghouse-Leblanc, Paris, France; air-compressor; (O. C. Buse); 27088, 28th June.

Soderstrom, C. J., Toronto, Canada (see T. A. Low, No. 27112).

Sommerfield, B. L., Dunedin, New Zealand; cork-remover; 28006, 8th November.


Southwell, W., Hastings, New Zealand; shearing-machinery; 28357, 3rd October.

Southwell, W., and another, Hastings, New Zealand; spraying-apparatus; 28291, 15th August.
Tanner, F., and others, Wakefield, New Zealand: marine-engine governor; 27097, 6th May.
Tanner, F., and others, Wakefield, New Zealand: marine-engine-racing preventer; 28151, 26th July.
Tapp, O., Palmerston North, New Zealand: vacuum pump; 27907, 25th September.
Tattersfield, J. W., and another, Auckland, New Zealand: bedstead; 27963, 21st April.
Tattersfield, J. W., and another, Auckland, New Zealand: vacuum pump; 27963, 21st April.
Taucher, J., Wellington, New Zealand: safety hat-pin; 27382, 3rd March.
Taylor, C., and another, Wellington, New Zealand: ketone-preparation; 27607, 21st April.
Taylor, D., Dunedin, New Zealand; book-binding; 28667, 29th October.
Taylor, J., Auckland, New Zealand; pillar block or pier; 27254, 3rd February.
Taylor, R., Melbourne, Victoria: moulding conduits; 28604, 15th October.
Taylor, T., Herbertville, New Zealand: hurdle; 28070, 4th October.
Taylor, T. M., and another, Jimbour, Queensland; stirrup-release; 27345, 23rd June.
Taylor, W. T., Wellington, New Zealand: dredge-grab buckets; 27519, 18th November.
Teadale, C. B., Northcote, Victoria (see W. G. Mould, No. 27367).
Telford, T., Oamaru, New Zealand: flex-stripper; 27943, 11th January.
Temple, H., Sydney, New South Wales (see R. Hamburger, No. 27174).
Tennent, H. B., Wellington, New Zealand: attaching blind; 27715, 11th May.
Teal, N., Manhattan, United States America: fluid-propulsion; 28833, 8th December.
Teto, J. G., and another, Dunedin, Victoria: high-pressure filter; 27390, 6th March, 1908†.
Thaxter, E., Paddington, New South Wales: washboard; 28294, 29th December.
Thomas, B., and others, Manchester, England: crane; 28231, 10th August.
Thomas, E., and others, Manchester, England: crane; 28231, 10th August.
Thomas, J. E., Germiston, Transvaal: tube-mill feed; 28226, 9th August.
Thomas, J. H., and another, Adelaide, South Australia: saddle; 28377, 2nd September.
Thomas, T. J., Wairau, New Zealand: draught-equalizer for horses; 27440, 19th October.
Thomas (see Easy-Thomas).
Thompson, E. M., Auckland, New Zealand: blind check box; 28161, 26th July.
Thompson, E. M., Auckland, New Zealand; venetian-blind; 28285, 3rd December.
Thompson, H., and another, Temuka, New Zealand; oven holder and stand; 27709, 7th May.
Thompson, H., and another, Christchurch, New Zealand: race-starting apparatus; 28276, 17th August.
Thompson, J., Christchurch, New Zealand; concrete-channel former; 27445, 19th October.
Thompson, K. W., Normandy, New Zealand (see R. D. Danby, No. 28703).
Thomson, F., and another, Cassel-Wilhelmsbahn, Germany: steam-superheater; 27438, 15th March.
Thomson, C. J. H., and another, Milton, New Zealand: toaster; 27536, 23rd April.
Thomson, C. J. H., Milton, New Zealand; fus-fax-treatment; 28320, 8th August.
Thomson, G. M., Timaru, New Zealand: hat-pin protector; 27950, 21st April.
Thomson, H., Collingwood, Victoria; last; 27633, 27th April.
Thomson, J., Winton, New Zealand: candlestick; 28384, 14th October.
Thorne, B., Christchurch, New Zealand; book; 27850, 9th June.
Thorton, C. G., Gore, New Zealand; steam-boiler; 28215, 5th August.
Thurston, E., Riverview, New Zealand: reciprocating-engine; 27873, 25th November.
Tiedt, T. H., Hurua, New Zealand; sub-boiler; 28887, 3rd November.
Tilsev, G., Thames, New Zealand: tipping-truck; 28881, 15th December.
Tinline, W. J., Hastings, New Zealand; clipping-machine-cutter, &c., sharpeners; 28909, 18th July.
Tinline, W., T., Hastings, New Zealand: gas-main tap; 28289, 18th August.
Tokin, P. J., Ratahi, New Zealand: solder; 28761, 21st November.
Tomkies, A. G., Westport, New Zealand: corrugated-iron cutter; 27421, 9th March.
Tomkies, A. G., Westport, New Zealand: cupboard-door, &c., fastening; 27422, 9th March.
Tomkies, A. G., Westport, New Zealand; tin-opener; 27423, 9th March.
Tomlison, J. W., Westport, New Zealand; toy flying-machine; 27424, 9th March.
Tomlison, F. H., Taipape, New Zealand; weed-destroyer; 28093, 25th September.
Tong, J. W., Foxton, New Zealand: fibre-catcher; 27894, 14th June.
Tongkon, R. S., and another, Dunedin, New Zealand; friction-engine; 27700, 7th May.
Tontell, C., Melbourne, Victoria: fly-screen; 28097, 20th December.
Topp, W. B., Wellington, New Zealand; spouting-bracket machine; 27831, 6th June.
Tor, H. A., Ruawai, New Zealand: collar and harness; 28357, 8th June.
Towill, F. J., Abbotsbury, England: cutting or slicing apparatus; 27588, 17th November, 1909†.
Towle, C. R., Haverhill, United States America (see United Shoe Machinery Company, No. 27123).
Trapeki, J., Wyndham, New Zealand; pleuch; 28281, 8th August.
Tredol, J., Hamilton, New Zealand: milking-machine; 28263, 12th August.
Tredol, J. and another, Hamilton, New Zealand: milking-machine; 28265, 29th October.
Trengrove, W. H., Wellington, New Zealand; tire-repairing; 27470, 24th March.
Trevor, S. R., Auckland, New Zealand; oil from kauri soil; 27318, 18th February.
Trevor, S. R., Auckland, New Zealand; rubber-production; 28579, 7th March.
Trevor, S. R., Auckland, New Zealand; oil from kauri soil; 28777, 24th November.
Truelove, J., Auckland, New Zealand: brush; 28138, 23rd July.
Trimmings, E. and another, Auckland, New Zealand: milking-machine; 28283, 31st December.
Tubman, L., Auckland, New Zealand; shooting decay-frame; 27159, 13th January.
Tuck, W. A., and another, Wakefield, New Zealand; horse-cover; 27648, 17th November.
Turbom Patent Fan Company, Limited, Llanelli, Wales: centrifugal blower; (P. Bomboni); 28078, 10th July.
Turner, F. A., and another, Auckland, New Zealand; utilizing waste hot water for domestic purposes; 27477, 80th March.
Turner, G., Canterbury, New South Wales; mineral oil manufacture; 27113, 5th January.
Turner, H., Auckland, Victoria; dress-fastener; (P. A. Aronsen); 28299, 19th August.
Turner, T., and others, Wellington, New Zealand; bull-rope cleat; 27443, 16th March.
Turner, T. and others, Wellington, New Zealand; bull-rope-antifriction device; 27741, 17th May.
Turn, G. G., Melbourne, Victoria: railway-rail; (T. H. Wheelus); 27779, 28th May.
Uddatson, C., Greytown, New Zealand; saw-bench returnfood; 28258, 10th August.
Umrah, T., Chicago, United States America; vacuum pump; 28297, 10th August.
Umrah, T., Chicago, United States America; milking-machine; 27962, 28th April.
United Shoe Machinery Company, Paterson, United States America; shoe-varnish heading-machine; (L. W. G. Fryatt); 27131, 13th January.

FOR LETTERS PATENT FOR 1910—continued.

H.—10.
ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT FOR 1910—continued.

United Shoe Machinery Company, Paterson, United States America; incising-trimming machine; (A. E. Johnson); 27132, 11th January.

United Shoe Machinery Company, Paterson, United States America; inscribing machine; (E. A. Webster and C. J. Towle); 27133, 11th January.

United Shoe Machinery Company, Paterson, United States America; edge-setting machine; (F. M. Furber and F. W. Warren); 27137, 11th January.

United Shoe Machinery Company, Paterson, United StatesAmerica; edge-trimming machine; (F. H. Perry); 27238, 3rd February.

United Shoe Machinery Company, Paterson, United States America; edge-trimming machine; (F. H. Perry); 27239, 3rd February.

United Shoe Machinery Company, Paterson, United States America; shoe-upper-lacing machine; (G. S. Wells and W. W. Darnall); 27240, 3rd February.

United Shoe Machinery Company, Paterson, United States America; kinking-machine; (A. Mocklip); 27377, 2nd March.

United Shoe Machinery Company, Paterson, United States America; (see E. N. Waters, No. 27399).

United Shoe Machinery Company, Paterson, United States America; precision; (A. Bates); 27509, 27th April.

United Shoe Machinery Company, Paterson, United States America; tack-pulling machine; (J. B. Hadaway); 27641, 27th April.

United Shoe Machinery Company, Paterson, United States America; feather-edging machine; (J. N. Buesell); 27784, 26th May.

United Shoe Machinery Company, Paterson, United States America; tack-pulling machine; (A. Eppler); 27800, 23rd June.

United Shoe Machinery Company, Paterson, United States America; sheet-material-cutting dies; (T. Lund); 28060, 12th July.

United Shoe Machinery Company, Paterson, United States America; sewing-machine: (T. Lund); 29061, 12th July.

United Shoe Machinery Company, Paterson, United States America; sewing-machine: (W. C. Meyer and C. D. Holmes); 28111, 19th July.

United Shoe Machinery Company, Paterson, United States America; fastening-machine; (E. B. Bertrand); 28107, 19th July.

United Shoe Machinery Company, Paterson, United States America; trimming-machine; (F. H. Perry); 28018, 19th July.

United Shoe Machinery Company, Paterson, United States America; sewing-machine; (A. Eppler); 28109, 19th July.

United Shoe Machinery Company, Paterson, United States America; sewing-machine: channel-guide mechanism; (E. E. Winkley and A. Eppler); 28110, 19th July.

United Shoe Machinery Company, Paterson, United States America; sewing-machine: tension-device; (W. C. Meyer and C. D. Holmes); 28111, 19th July.

United Shoe Machinery Company, Paterson, United States America; fastening-machine: (J. B. Hadaway); 28112, 19th July.

United Shoe Machinery Company, Paterson, United States America; stamping-machine; (H. W. Winter); 28277, 17th August.

United Shoe Machinery Company, Paterson, United States America; sewing-machine; (W. H. Borden); 28278, 17th August.

United Shoe Machinery Company, Paterson, United States America; fastening-inserting machine; (T. Briggs); 29275, 9th October.

United Shoe Machinery Company, Paterson, United States America; sole-laying machine; (A. Bates, J. Gould; and A. Cridland); 29290, 17th August.

United Shoe Machinery Company, Paterson, United States America; cycling-machine; (L. F. Weber); 27230, 11th January.

United Shoe Machinery Company, Paterson, United States America; boot and shoe machine; (A. Bates, E. B. Silvester, W. T. B. Roberts, and J. H. Brown); 28364, 17th August.

United Shoe Machinery Company, Paterson, United States America; boot and shoe machine; (B. F. McFiey); 28431, 14th September.

United Shoe Machinery Company, Paterson, United States America; last-fitting-machine; (E. E. Winkley); 28525, 17th October.

United Shoe Machinery Company, Paterson, United States America; manufactory; (A. Bates); 28526, 17th October.

United Shoe Machinery Company, Paterson, United States America; boot and shoe machine; (R. F. McFiey); 28534, 14th September.

United Shoe Machinery Company, Paterson, United States America; last-fitting-machine; (M. Brock); 28534, 4th October.

United Shoe Machinery Company, Paterson, United States America; last-fitting-machine; (M. Brock); 28574, 13th October.

United Shoe Machinery Company, Paterson, United States America; boot and shoe machine; (E. Brothers); 28525, 20th October.

United Shoe Machinery Company, Paterson, United States America; fastener-inserting machine; (L. A. Casgrain); 28707, 10th November.

United Shoe Machinery Company, Paterson, United States America; heel-making machine; (A. E. Jerram, J. Gouldbon, and A. Bates); 28708, 10th November.

United Shoe Machinery Company, Paterson, United States America; pulling-over machine; (O. Ashton); 28709, 10th November.

United Shoe Machinery Company, Paterson, United States America; fastener-inserting machine; (G. Goddy); 28710, 10th November.

United Shoe Machinery Company, Paterson, United States America; work-support; (L. A. Casgrain); 28711, 10th November.

United Shoe Machinery Company, Paterson, United States America; (B. F. Mayo and E. L. In Chappelle); 28774, 24th November.

United Shoe Machinery Company, Paterson, United States America; nail-making-machine; (M. Brock); 28843, 7th December.

United Shoe Machinery Company, Paterson, United States America; die-cutting; (K. Poock); 28844, 7th December.

United Shoe Machinery Company, Paterson, United States America; welt-sole machine; United States: (W. J. Dray); 28845, 7th December.

United Shoe Machinery Company, Paterson, United States America; boot and shoe manufacturer; (W. J. Dray); 28846, 7th December.

United Shoe Machinery Company, Paterson, United States America; hyper-to-last conforming; (A. Bates); 28900, 29th December.

United Shoe Machinery Company, Paterson, United States America; shoe-shuttle tension-device; (J. L. Dow); 28124, 21st July.

Unsworth, E., Napier, New Zealand; wall-construction; 28937, 30th December.

Upchurch, R. A., and another, Huntville, New Zealand; filter; 28484, 24th September.


Vacher, C., Kelcowen, British Columbia; sprinkler-nozzle; 27398, 1st March.

Vacher, C., Kelcowen, British Columbia; sprinkler-nozzle; 27399, 1st March.

Vacuum Specialty Manufacturing Company, San Francisco, United States America; vacuum cleaner; (G. S. Bennett); 27777, 25th May.

Van der Meulen, J. A., Kelowna, New Zealand; wheelbarrow-basket; 27821, 2nd June.

Van Berkel, J. C., Zurich, Switzerland; meat-slicing machine; 28344, 9th October.


Vandervell, C. A., and another, Acton Vale, England; dynamo, electric machine; 28206, 16th August.

Vanstone, H. J., Little River, New Zealand; bottle-stopper; 27120, 7th January.

Vanstone, H. J., Little River, New Zealand; aerated-water-bottle; 27247, 4th February.

Vanstone, H. J., Little River, New Zealand; bottle-stopper; 27247, 4th February.

Varno, F. W., Wellington, New Zealand; drink-cure compound; 27861, 15th April.

Varley, E., Newmarket, New Zealand; fly-catcher; 28042, 27th October.


Vasse, H., Rockburgh, New Zealand; cow-milk; (W. McHerring); 28121, 21st December.

Vear, A. E., and others, Wellington, New Zealand; electric-lamp lock; 28016, 20th October.

Venner, F. Wellington, New Zealand; hat-pin; 27127, 10th January.

Vincint, A., and another, Redfern, New South Wales; furnace-door; 28500, 9th October.
Watson, G. H., Tokomaru, New Zealand: multiplying power of generating-plants; 27820, 4th June.
Watson, M. F., Ocehunga, New Zealand: harrow; 27372, 28th February.
Watterson, J., and others, Wellington, New Zealand: bull-rope elect; 27443, 18th March.
Waters, D. J., and another, Wellington, New Zealand: bull-rope-aristfication device; 27471, 17th May.
Webber, E., Dunedin, New Zealand: printing-block mount; 27376, 16th October.
Webby, J. A., Riverlea, New Zealand: test-cup; 28293, 19th August.
Weiler, L. F., Frankfurt, A. M., Germany (see United Shoe Machinery Company, No. 27133).
Webster, E. A., Haverhill, United States America (see United Shoe Machine Company, No. 27133).
Weight, E. G., and others, Wellington, New Zealand: hot-water-tank connection; 27892, 14th June.
Wells, J., Moresen, New Zealand: trace-chain spreader; 27786, 27th May.
Wenger, F., and another, Auckland, New Zealand: turbine; 28485, 22nd September.
Werner, J. F., Dunedin, New Zealand: threshing-machine band-cutter; 28224, 17th August.
Wetbome (see Lowenstein-Wetbome). Wf., New Zealand: flax-stripper-drum; 27598, 20th April.
Wester, C., Helsingborg, Sweden: explosive; 27849, 9th June.
Westwood, T., Greendale, New Zealand: kettie; 28619, 28th September.
Wullf, J., Dartfield, New Zealand; vehicle-Jack; 27487, 31st March.
Wheeler, F. C., Lower Hutt, New Zealand: hose-connection; 27333, 9th April.
Wheban, F. J., Waitahuna, New Zealand; boot; 27699, 5th May.
Whedon, T. H., New York, United States America (see G. G. Turri, No. 27250).
Whilcy, F., Stratford, New Zealand: exactor; 27774, 25th May.
White, C., Baltimore, United States America: operating gas-engines; 27760, 18th May.
White, E. B., Chicago, United States America: locomotive-boiler washing; 27311, 15th September, 1909†.
White, H. B., Brookline, United States America: automobile wind-shield; 27321, 2nd April.
White, S., Mangatoki, New Zealand: pig-holder; 28742, 10th November.
White, H. D., Wellington, New Zealand: carpet-roll; 28142, 24th June.
Whiteside, A. J., Raupo, New Zealand; flap-handling; 27074, 30th April.
Whiteside, J. D., Raupo, New Zealand; flap-handling; 28644, 29th October.
Whitmore, E. H., Invercargill, New Zealand; bottle; 27742, 17th March.
Whittall, S. G., Christchurch, New Zealand; bath; 28525, 9th August.
Whytts, R. B., Auckland, New Zealand: weatherboard; 27084, 27th June.
Wildsonow, C., Christchurch, New Zealand: potato-bagger; 27246, 4th February.
Wight, R. B., Takapuna, New Zealand: sausage-machine; 28348, 11th March.
Wightman, E. E., Wellington, New Zealand; signalling apparatus; 28426, 14th September.
Wiggin, W. T., Sydney, New South Wales; harness-saddle; 27936, 24th August.
Wild, C. W., Woodville, New Zealand: tobacco-pipe cleaning; 28733, 15th November.
Wilkes, G., and another, Streiffield, England; nut-lock; 27900, 16th August.
Wilkes, S. J. H., and another, Streiffield, England; nut-lock; 27000, 16th June, 1909†.
Wilkinson, M., Auckland, New Zealand; hat-pin; 27843, 8th June.
Wilkinson, M., Auckland, New Zealand; playing-card; 28460, 8th September.
Wilkinson, W., Chertsey, New Zealand; axle; 28862, 9th December.
Class—Boots and Shoes.

Boot; W. McKinlay; 27981, 27th June.

Boot and shoe; W. Humphries-Grey and A. Dutchoit; 27906, 27th August.

Boot and shoe fastening; T. Robinson; 28357, 15th October.

Boot and shoe manufacture; United Shoe Machinery Company; 28143, 14th September.

Boot-heel; J. G. Mitchell; 27179, 10th January.

Boot-heel; A. J. Bird and W. V. Porteous; 27297, 15th February.

Boot-heel; J. R. Hubbert; 27346, 23rd February.

Boot-hee; C. W. Clayton; 27435, 16th March.

Boot heel; A. Ashley; 28007, 4th August.

Boot-heel lasting mechanism; M. Brock; 28355, 16th October, 1909.†

Boot-heel and toe-tip; J. Arnaboldi; 28793, 26th November.

Boot heel stiffener; H. Mander and E. G. Sandor; 29072, 11th July.

Boot-last; J. R. Hubbert; 27347, 23rd February.

Boot-last; H. Thomson; 27638, 27th April.

Boot-machine; T. H. Finis; 27124, 16th March, 1909.†

Boot-machine; United Shoe Machinery Company; 28846, 7th December.

Booting-machine; United Shoe Machinery Company; 28025, 25th October.

Boot-machine, edge-setting; United Shoe Machinery Company; 27121, 11th January.

Boot-machine, edge-trimming; United Shoe Machinery Company; 27239, 3rd February.

Boot-machine, eyeletting; United Shoe Machinery Company; 28708, 10th November.

Boot-machine, fastening-inserter; United Shoe Machinery Company; 28279, 17th August.

Boot-machine, fastening-inserter; United Shoe Machinery Company; 28077, 10th November.

Boot-machine, fastening-inserter; United Shoe Machinery Company; 28709, 19th November.

Boot-machine, fastening-inserter; United Shoe Machinery Company; 28101, 10th November.

Boot-machine, leather-edge; United Shoe Machinery Company; 27784, 26th May.

Boot-machine, heel-breasting; United Shoe Machinery Company; 28386, 6th September.

Boot-machine, heel-breasting; United Shoe Machinery Company; 28708, 10th November.

Boot-machine, heel-nailing; United Shoe Machinery Company; 27125, 11th January.

Boot-machine, insole-trimming; United Shoe Machinery Company; 27132, 11th January.

Boot-machine, lasting; United Shoe Machinery Company; 29231, 17th August.

Boot-machine, lasting; United Shoe Machinery Company; 28552, 17th August.

Boot-machine, lasting; United Shoe Machinery Company; 28534, 4th October.

Boot-machine, lasting; United Shoe Machinery Company; 28747, 10th December.

Boot-machine, nail-feeding device; United Shoe Machinery Company; 27185, 25th January.

Boot-machine, pulling-over apparatus; R. McFedy; 27236, 14th April, 1909.†

Boot-machine, sole-leveling; United Shoe Machinery Company; 28260, 17th August.

Boot-machine, sole-operating; United Shoe Machinery Company; 27223, 3rd February.

Boot-machine, sole-operating; United Shoe Machinery Company; 28907, 19th July.

Boot-machine, sole-trimming; United Shoe Machinery Company; 28278, 17th August.

Boot-machine, tack-pullling; United Shoe Machinery Company; 27641, 27th April.

Boot-machine, tack-pullling; United Shoe Machinery Company; 27650, 23rd June.

Boot-machine, tool-shirt; R. N. Waters; 27650, 29th April.

Boot-machine, top-lift making; United Shoe Machinery Company; 28261, 12th July.

Boot-press; United Shoe Machinery Company; 27640, 24th April.

Boot-press; L. C. Buckminster; 27651, 28th June, 1909.†

Boot-press; United Shoe Machinery Company; 28432, 14th September.

Boot-protector; J. N. Nelson; 27239, 10th February.

Boot sole and heel; G. Bristow; 28025, 31st October.

Boot sole and heel; L. G. Hamm; 28070, 21st November.

Boot-top lift; T. Lund; 27789, 29th May, 1909.†

Boot-tensioning machine; United Shoe Machinery Company; 29108, 19th July.

Boot-upper; S. Anderson; 27336, 21st February.

Boot-upper; W. King; 28230, 30th September.

Boot, watertight; F. J. Wheelan; 27692, 5th May.

Boot, watertight; J. Carder; 28131, 19th July.

Die-cutting machine; United Shoe Machinery Company; 28844, 7th December.

Die for cutting sheet material; United Shoe Machinery Company; 28068, 24th February.

Gripper; United Shoe Machinery Company; 28774, 24th November.

Leather-cutting machine; United Shoe Machinery Company; 28112, 19th July.

Leather-skinning machine; United Shoe Machinery Company; 27377, 2nd March.

Leather-staining machine; United Shoe Machinery Company; 28277, 17th August.

Nail-making machine; United Shoe Machinery Company; 28843, 13th December.

Sewing-machine shudder tension device; United Shoe Machinery Company; 28124, 21st July.

Sewing-machine tension device; United Shoe Machinery Company; 28111, 19th July.

Sewing-machine thread-waxing device; United Shoe Machinery Company; 28111, 19th July.

Shoe-sawing machine; United Shoe Machinery Company; 28109, 19th July.

Shoe-sawing-machine channel-guide; United Shoe Machinery Company; 29110, 19th July.

Shoe-upper-bedding machine; United Shoe Machinery Company; 27131, 11th January.

Shoe-upper-lacing machine; United Shoe Machinery Company; 27240, 3rd February.

Solo-welt manufacture; C. Marriott and J. G. Mitchell; 28810, 20th June.

Upper-to-last conforming; United Shoe Machinery Company; 28920, 29th December.

Well-shoe manufacture; United Shoe Machinery Company; 28845, 3rd December.

Work-support; United Shoe Machinery Company; 28711, 10th November.

Class—Bottles and Bottling.

Bottle; E. H. Whitmore; 27742, 17th May.

Bottle; E. S. Evelyn, F. W. Harkness, and S. J. R. Frith; 28457, 17th September.

Bottle-capule; L. S. Worms and T. Presscott; 27353, 11th April.

Bottle, glass; W. T. Simpson; 27583, 19th April.

Bottle-filling machine; E. Howard and H. J. Dowell; 27847, 27th August, 1909.†

Bottling-machine, aerated-water, &c.; W. J. Phillips; 27931, 20th June.

Bottling-machine, aerated-water, &c.; E. R. Long; 28332, 26th August.

Bottle-stopper; H. J. Vanstone; 27130, 7th January.

Bottle-stopper; H. J. Vanstone; 27114, 7th January.

Bottle-stopper; H. J. Vanstone; 27247, 4th February.

Bottle-stopper; F. Russell; 28338, 7th December.

Bottling-machine; G. Koechendorf; 27811, 21st April.

Caper, metal; C. W. V. Masserenshal; 27308, 16th February.

Cork-drawer; B. L. Sommerfeld; 28096, 6th November.

Glass envelopes, pressing; A. A. Mygott; 28222, 9th August.

Jar; R. Fowler; 28055, 7th July.

Jar; C. G. McKellar; 28222, 11th August.

Jar-filler; E. R. Long; 28332, 26th August.

Non-refillable bottle; L. W. Alexander and J. W. Hall; 27434, 12th March.

Non-refillable bottle; W. Madder and J. H. Stringer; 27907, 13th June.

Non-refillable bottle; J. Flynn; 27970, 24th June.

Non-refillable bottle; M. Friar and V. C. Richards; 28430, 14th September.

Non-refillable bottle; L. W. Alexander and J. W. Hall; 28533, 6th October.

Non-refillable bottle; L. W. Alexander and J. W. Hall; 28900, 17th December.

Non-refillable bottle; A. Lyell; 28550, 8th October.

Preserving-jar; C. J. Nicklin; 27475, 29th March.

Preserving-jar; W. J. H. Greenhill; 27899, 10th June.

Preserving-jar; C. G. McKellar; 27901, 23rd June.

Water-bag; G. Hall; 28398, 29th August.

Class—Boxes, Cans, and Casks.

Basket, wire bottom for; T. H. Fewings and F. H. Walton; 28772, 22nd November.

Belly, milk; O. E. C. van H. Riley; 28096, 29th December.

Biscuit-package; G. Scott; 28512, 29th September.

Boat-polish, &c., holder; A. J. Day; 28100, 18th July.

Box; R. D. Haworth; 27233, 2nd February.
INVENTIONS, ETC.—continued.

Class—Building (Windows and Doors).
Door. (See Strong-room door, Sliding-door.)
Door-check and alarm; C. R. Rümann; 28690, 2nd November.
Door-spring; J. Stewart; 28630, 2nd December.
Door—; W. A. Shephard; 27550, 13th April.
Draught-excluder; J. Garner; 27608, 30th April.
Draught-excluder; J. Frazer; 28077, 15th July.
Draught-excluder; T. Hurd; 2867, 7th December.
Dust and draught-excluder; A. Linard; 28453, 14th September.
Fanlight opening and closing; A. B. Herrod; 28896, 17th December.
Glass—securing in roofs; B. G. Hall; 28023, 30th June.
Leadlight, reinforced; G. R. Barham and J. H. Williams; 28222, 16th September, 1909.
Sash; J. Mitchell; 27449, 19th March.
Sash; J. A. Walker; 28356, 29th August.
Sash—opening, William; J. Nuttall; 28092, 29th April.
Sash raising and lowering; C. J. Sanderson; 28670, 1st November.
Sash raising and lowering; C. J. Sanderson; 28884, 14th December.
Sash-support; W. J. Milligan and A. Swindale; 28602, 18th October.
Strong-room door; H. Schlaadt; 28440, 14th September.
Skylight; A. W. Priece; 27164, 15th January.
Skylight; P. Hastings and G. Land; 27489, 31st March.
Skylight; J. W. Glennie; 27883, 13th June.
Skylight; C. H. Fabian; 28125, 21st July.
Skylight; J. A. Short; 28241, 11th August.
Trap-door guard; E. H. Burrows; 28223, 9th August.
Ventilator, door and window; C. Chapman; 28095, 15th July.
Window; W. H. Frith; 27385, 12th February.
Window; J. Nuttall; 28216, 6th August.
Window—anti-titter; H. G. Lazarus, G. Sykes, and W. E. Hughes; 27875, 23rd November.
Window-hanging and casement-fitting; J. M. Cameron; 28304, 30th September.
Window-ventilator; J. S. Kruskopf; 27291, 11th February.

Class—Chemicals.
Amide, cyanamide, &c., manufacture of; E. A. Ashcroft; 28647, 27th October.
Catalytic synthesis of methane; F. Bedford and C. E. Williams; 28097, 21st July, 1909.†
Filtering-apparatus; P. C. C. Isherwood; 27433, 22nd March.
Kelone—preparation; T. H. Easterfield and C. M. Taylor; 27697, 21st April.
Liquids, treatment of; C. Noff and A. Brandes; 27429, 15th March.
Sodium—amalgam manufacture; H. P. Ewell; 28388, 5th September.
Sugar—manufacture; W. D. Coolidge; 28367, 23rd February.

Class—Cleaning, Polishing, and Grinding.
Boot-cleaning outfit; J. M. Neal; 28723, 11th November.
Boot-cleaning pad and holder; C. H. Williams; 28333, 27th August.

Class—Closets and Urinals.
Closet, dry; W. F. Lieta; 27197, 29th January.
Closet-seat; A. Gray; 28424, 12th September.
Closet-seat; G. H. Lockett and C. F. P. Fiddy; 27320, 15th February.
Closet seat and pan; G. Gallop; 28096, 2nd November.
Closet-seat cover; L. E. Caserch and W. J. Rutterford; 28314, 22nd November.
Commode, &c.; A. R. Christian; 27234, 31st January.
Commode; H. August; 28892, 13th December.

Class—Cooling and Filtering.
Air—circulating apparatus; J. Macmalkin; 27539, 27th April.
Beer-cooler; G. Gibbs; 28164, 28th July.
Cooler and water tank; C. O. Morse and A. Gray; 27443, 2nd February.
Cooling-composition; W. Fisher; 27188, 13th January.
Ice—chest; T. A. Haggart; 27110, 7th December.
Ice—chest; H. M. Clark; 27186, 19th January.
Ice—cream freezer; C. Greyland; 28475, 22nd September.
Ice—cream freezer; C. V. Dolly; 28329, 1st October.
Liquid—cooler; D. R. Morris; 28811, 1st December.
Liquid—cooler; J. May; 28833, 6th December.
Refrigerating-compressor valve; F. H. Tetley; 28627, 29th October.
Refrigerator; O. Peck and K. Joosten; 27121, 17th January.
Safe—food; C. Craig; 28063, 12th July.
Safe, meat; C. Johnston; 28583, 6th September.

Class—Cultivating and Tilling.
Cultivator; K. Koszei and E. Szeczenyi; 27497, 30th March.
Cultivator; J. Stuart—Edward; 27747, 14th May.
Cultivator; C. Lowe; 28405, 9th September.
Harrow; T. J. Watson and J. McIntyre; 27372, 28th February.
Harrow; W. Morris; 27616, 22nd April.
Harrow; P. and D. Duncan, Limited; 27942, 21st June.
Harrow; L. E. Hogbacks and W. B. Ingram; 28006, 30th June.
Harrow and draught—equalizer; G. W. Penney; 27429, 12th March.
Harrow, disse; R. Gibb and J. Parker; 28396, 3rd October.
Harrow—seat; W. H. Johnstone; 27979, 20th June.
Hoeing—machine; T. E. O'Brien; 27468, 24th March.
Horseshoe; R. Gibb and J. Parker; 28337, 3rd October.
Marine grinder and mixer; R. J. Hobbs; 27187, 21st January.
Plough; J. and H. McLaren; 27189, 19th January.
Plough; F. and D. Duncan, Limited; 27258, 7th February.
Plough; G. Gray; 27339, 23rd March.
Plough; E. M. McLauchlan; 27901, 15th June.
Plough; J. Trapski; 27105, 8th August.
Plough; W. Rae; 28366, 31st August.
Plough—coulter stalk and clip; A. S. Shephard; 27693, 9th May.
Plough, disse; L. F. Laurent; 27576, 18th April.
Plough, disse; P. A. Nikolaidis; 28546, 5th October.
Plough, hill—side; P. A. Nikolaidis and J. Palloen; 27908, 29th June.
Plough mould—board; R. Patterson and E. J. Joyce; 28242, 11th August.
Plough—skid, securing to beam; M. Earl; 27390, 26th February.
Ridging—machine and roller; G. Gray; 27619, 21st April.
Roller, agricultural; G. Gray; 27868, 11th June.
Roller, garden; J. B. Miro; 27012, 15th June.
Roller—harrow; L. E. Hogbacks and W. B. Ingram; 28006, 30th June.
Stone—gallining machine; A. Burnham; 28321, 24th August.
Stump—jumping implement; J. F. Mellor; 27154, 13th January.
Subsoiler; T. H. Tidd; 28897, 3rd November.
Turnip—thinning machine; T. E. O'Brien; 27468, 24th March.
CLASSIFIED SUBJECT LIST OF INVENTIONS, ETC.—continued

Class—Cutting, Sawing, and Tools.

Bench. (See Saw-bench.)

Boring-brace; T. Dixon; 28487, 20th September.

Brazing-tool; W. H. Bland and J. Young; 28011, 30th June.

Chisel and chisel sharpener; W. J. Timline; 28099, 18th July.

Drill, ratchet; J. Partridge; 28202, 25th July.

Drill-apparatus; M. and S. Drill Company; 27478, 30th March.

File-making-tool; J. Neill; 27451, 22nd March.

File, rasp, etc.; E. Armstrong; 27302, 18th February, 1909.†

File-cleaning-grip; A. R. Craddock; 27370, 28th February.

Grubber, scrub; W. S. Penty; 28171, 29th July.

Hand-cutter; A. F. Armstrong; 26th July.

Hand-shears; F. McMurray; 28374, 1st September.

Hand-making-machine; J. Couthard; 27388, 6th June.

Kettle for cleaning (for Cell, Dumps and Sprayers).

Lathe; G. J. Hoskins; 28325, 24th August.

Lawn-edge trimmer; J. E. Main; 28866, 12th December.

Match-lighting-crimp; A. R. Craddock and W. Scott; 28049, 9th July.

Meat-slicing-machine; G. Leist; 27631, 27th April.

Meat-slicing-machine; J. C. van Borkel; 28654, 5th October.

Mining-machine; R. W. Wight; 28246, 27th August.

Metal-cutter; A. G. Tomkies; 27421, 9th March.

Mitre-box; W. Duggan, jun.; 28498, 24th September.

Morter-liquedifier; P. Humphries; 28284, 19th August.

Oyster-cutter; J. W. Swanson; 28003, 23rd August.

Picture-mount cutter; B. Wallis; 27168, 17th January.

Sausage-machine. (See Mining-machine.)

Saw, hand; E. E. Head; 26th, 24th November.

Saw-bench return-feed; C. Uddstrom; 28283, 10th August.

Saw-guard, circular; G. W. Fothergill and W. H. Rogers; 28182, 8th December.

Scissors-sharpening; D. G. Sutherland; 28436, 14th September.

Spade; R. Robertson; 27488, 14th April, 1909.†

Squaring-turnery; T. F. Walls; 28027, 4th July.

Stone-dressing; M. Woods, G. W. Gilbert, and J. Little; 27666, 30th April.

Tin-cutter; A. Macdonald; 28144, 25th July.

Tin-opener; A. G. Tomkies; 27423, 9th March.

Tool, household; W. Duggan, jun.; 27668, 19th April.

Walking-trimmer; E. A. Spencer; 27971, 24th June.

Wool-destroying implement; F. H. Tomlinson; 28003, 7th November.

Class—Dairying.

Butter-blending-machine; N. S. Corney; 27253, 4th February.

Butter-cutter; J. W. Miller and J. R. McKeirnan; 27301, 15th February.

Butter-making-machine; P. L. Hill; 27507, 1st March.

Centrifugal liquid apparatus; Aitkiebogelat Baltie; 28350, 29th August.

Cheese-vat; J. H. McLeod; 28653, 31st October.

Churn and butter-worker; A. H. Sims; 27313, 16th February.

Churn and butter-worker; S. Hartmann; 27763, 13th June, 1909.†

Cheese, coating with paraffin-wax; W. Riddell; 28756, 17th November.

Cream-separator; J. Ingram; 28899, 19th December.

Cream-separator; T. A. Low; 27119, 4th January.

Cream-separator; M. Gobler; 27033, 27th April.

Cream-separator cone; Wolesley Sheep-shearing Machine Company, Limited, and E. V. Hudson; 28221, 22nd September, 1909.†

Curd-cutter; J. O. Gallally; 27890, 15th June.

Curd-sugator; J. Hopkirk; 28005, 19th October.

Curd-cutting,éc, knife; S. F. Pond; 27310, 19th February.

Froth-preventer; W. L. Johnstone and A. Hosking; 28192, 2nd August.

Froth-preventer; A. G. P. Morgan; 27287, 6th June.

Froth-preventer; W. L. Johnstone and A. Hosking; 27082, 31st July.

Froth-preventer; A. G. P. Morgan; 28032, 5th July.

Froth-preventer; W. L. Johnstone and A. Hosking; 28192, 2nd August.

Liquid-expression from solids; J. J. Berrigan; 28198, 3rd August.

Milk-bucket; E. Stirling; 28018, 1st July.

Milk-bucket; T. Senior; 27211, 28th January.

Milk-bucket; A. Goodwin; 28369, 2nd September.

Milk-bucket attachment; W. J. Hamon and C. H. Ferris; 27121, 23rd January.

Milk-can; R. Carruthers; 27442, 3rd February.

Milk-can; F. S. Karles; 28052, 8th October.

Milk-can lid, strainer for; G. Nicoll; 28038, 14th October.

Milk-cooler; J. H. McLeod; 27149, 17th January.
INVENTIONS, ETC.—continued.

Dynamo, electric and motor; A. H. Midgley and C. A. Vanderveld; 28236, 16th August.
Electric cooker; W. R. Millar; 27935, 28th June.
Electric cooker; J. C. P. Kirkwood; 28332, 25th October.
Electric cooker, &c.; V. Nightingall; 27535, 6th December.
Electric equipment; A. C. Dear; 27177, 18th January.
Electric-machinery controller; H. B. van Daalen; 27778, 16th June, 1909.
Electric train control system; F. W. Prentice; 28255, 16th August.
Electrical circuit cut-out; A. E. Partington; 27549, 13th April.
Electrical energy transformed into heat-energy; G. G. Bell; 27300, 15th February.
Electrical heater and cooker; W. E. Ackland; 27571, 15th April.
Electrical-heater controller; J. C. P. Kirkwood; 28684, 7th November.
Electrical oscillations, producing; E. Phillips; 27276, 10th February.
Electrical oscillations, producing; E. Phillips; 28551, 6th October.
Electricity-rectifier; T. J. Murphy; 27155, 18th January.
Electrolyte; W. H. Waters; 27095, 6th June.
Electro-mechanical selector; E. G. Godfree; 28631, 31st May.
Galvanic battery; J. E. Preston; 28903, 20th December.
Hauger for wire-conductors; A. E. Roots; 27392, 7th March.
Insulating-composition; H. P. Rasmussen; 27628, 22nd April.
Insulating-composition; H. P. Rasmussen; 28330, 25th August.
Insulating-composition; H. P. Rasmussen; 28335, 3rd October.
Insulating-composition; H. P. Rasmussen; 28862, 4th November.
Insulating electric wires; C. W. Martin; 28822, 5th December.
Insulator, attaching wires to; W. E. Bandfield; 27170, 18th January.
Water-heating by electricity; J. C. P. Kirkwood; 27670, 3rd May.

Class—Engines (Steam), including Rotary Pumps.

Engine, hot-water utilizing; F. A. Turner and G. Devies; 27477, 30th March.
Engine, reciprocating; G. Thurston; 28633, 25th November.
Fluid-propulsion; N. Tosa; 28853, 8th December.
Governor; F. Tanner, H. J. Harris, and H. Burt; 27979, 6th May.
Marine-engine-racing prevention; E. F. Brossey; 27390, 5th March.
Marine-engine-racing prevention; F. Tanner, H. J. Harris, and H. Burt; 27979, 6th May.
Marine-engine-racing prevention; A. G. Mackay; 28002, 10th July.
Fiston-reciprocating-device; J. S. Lawrie; 27445, 18th March.
Pump; C. E. Rillstone; 27390, 20th June.
Pump; H. L. Bickerton; 27390, 21st June.
Rotary engine; W. N. Grogrove; 27217, 11th January.
Rotary engine; W. C. Haines; 27356, 11th April.
Rotary engine; The Pittler Universal Rotary Machinery Syndicate, Limited; 28059, 12th July.
Rotary engine; The Pittler Universal Rotary Machinery Syndicate, Limited; 28224, 9th August.
Rotary engine; W. A. Beard; 28417, 21st December, 1909.†
Rotary engine; J. W. Rooney; 28629, 21st October.
Rotary engine; A. L. T. Bell; 27599, 26th November.
Rotary motor; G. W. Mascord; 27375, 19th April.
Rotary motor; W. Henning; 28593, 14th October.
Rotary pump; T. Unrath; 28307, 19th August.
Rotary pump; W. A. Beard; 28417, 21st December.
Slide-valve; E. Richardson and J. T. Marshall; 27272, 9th February.
Spark-arrester; G. H. B. Steele, A. H. Boulter, and J. Har- greaves; 27311, 16th February.
Spark-arrester; C. Hogan; 27614, 22nd April.
Spark-arrester; H. A. Livingstone; 27734, 15th May.
Spark-extinguisher; C. J. Green; 27337, 11th April.
Steam-engine; T. Miller; 28053, 9th July.
Steam-engine; J. Littleton; 28384, 1st September.
Steam-engine, autogalv.; F. Casey; 27001, 29th January, 1909.
Steam-exhaust utilizing; E. D. Berry; 27909, 14th June.
Turbine; F. R. McLean; 27256, 7th February.
Turbine; R. E. Smallbone; 27805, 31st May.
Turbine; H. L. Bickerton; 27932, 21st June.
INVENTIONS, ETC.—continued.

Rifle-sight protector; W. Gower; 28543, 5th October.


Target; T. N. Fletcher; 27820, 12th November.

Class—Determining, including Traps for Animals.

Bird-decoy support; L. Tubman; 27159, 13th January.

Fly-catcher; E. Varley; 28042, 17th October.

Fungicide; P. S. U. Pickering and W. A. Voss; 27481, 22nd July, 1909.

Fungicide; V. C. J. Nightingall; 27744, 24th March.

Insect destroying composition; J. Sorley; 27870, 10th June.

Potato-blight preventer; P. J. Stokes; 28459, 17th September.

Scrub, &c., destroyer; N. Barnesswell; 27548, 13th April.

Trap, animal; H. Worthington; 27135, 11th January.

Trap, animal; Laidlaw and Gray, Limited; 27355, 22nd February.

Trap, animal; C. Hogan; 27615, 22nd April.

Trap, animal; R. M. W. Leathart; 27731, 12th May.

Trap, animal; O. A. Findlay; 28105, 3rd August.

Trap, animal; A. Smith; 28574, 17th August.

Trap, animal; W. P. Benton and W. Cookson; 28424, 29th August.

Trap, animal; R. G. Ralph; 28377, 13th October.

Trap, animal; G. Milton; 28580, 30th December.

Trap, animal; J. Dunlop; 29126, 21st July.

Trap, animal; G. Cruckshank; 28704, 3rd November.

Weed destroying implement; F. H. Tomlinson; 28603, 7th November.

Weed-eradicating composition; A. M. Long; 27319, 5th May.

Weed-eradicating composition; A. M. Long; 28102, 15th July.

Class—Fencing.

Door. (See Gates, &c.)

Dropper; N. W. McDonald; 27645, 27th April.

Dropper; G. K. Oust; 27762, 21st May.

Dropper; H. L. Lowenthal; 27910, 15th June.

Dropper; G. W. Penney; 28008, 17th December.

Dropper and spreader; W. P. S. Magrogor; 27890, 11th June.

Dropper, &c., securing wires to a B. Bennett; 27949, 23rd June.

Gate; closing apparatus; W. Duggan, jun.; 27414, 9th March.

Hurdle; T. Taylor; 28070, 14th July.

Post. (See Standard.)

Dropper; J. Ansila; 27066, 24th June.

Ventilator, fencing-post; H. Allott; 28372, 1st September.

Wire-coller, &c.; F. Sutton; 28136, 23rd July.

Wire-netting machine; E. B. Watmough; 28423, 27th July.

Wire-netting fence; A. Hyford; 28582, 14th October.

Wire-weaving machine; C. H. Sinclair, W. Hoobs, B. B. Schorize, and M. Von; 28645, 27th August.

Wire-wrapping machine; D. Elder; 28888, 17th December.

Class—Fencing (Strainers).

Wire-coller; E. Hay; 28715, 2nd June.

Wire-strainer; E. H. Brown; 27261, 8th February.

Wire-strainer; J. J. Keppel; 27307, 14th February.

Wire-strainer; J. W. Gordon; 27942, 27th April.

Wire-strainer; E. Price; 27661, 29th April.

Wire-strainer; F. T. Page; 27852, 9th June.

Wire-strainer; P. Hunter; 28140, 27th July.

Wire-strainer; F. Lewis; 28259, 15th August.

Wire-strainer; J. Parker; 28271, 16th August.

Wire-strainer; H. W. Langman; 28402, 8th September.

Wire-strainer; P. C. Rowe; 28603, 30th October.

Wire-strainer; G. M. Hunter; 28700, 5th November.

Wire-strainer; W. E. Hunter; 28752, 18th November.

Wire-strainer; F. Clifford; 27779, 23rd November.

Wire-strainer; H. E. Ireland and F. C. W. Kuesheer; 28878, 15th December.

Class—Fibre-dressing.

Combining-machine; Good Inventions Company; 28928, 28th December.

Fibre. (See Flax.)

Fibre-decoricator; J. Downham; 28385, 20th October, 1900.

Flax; F. P. Raymond; 28311, 23rd August.

Fibre-processing production; A. Campbell, T. H. Gillman, and H. D. F. James; 28327, 24th August.

Fleck-catcher; R. McSaffin; 27336, 19th February.

Fleck-catcher; R. McSaffin; 27510, 1st April.

Rifle-sight—movement restriction; C. A. and A. H. C. Loo; 27562, 9th April.
Filtering-apparatus; P. C. Iabnowood; 27453, 22nd March.
Filtering-apparatus; G. Johnston; 28001, 20th December.
Liquid-treatment; C. Neff and A. Brandes; 28762, 23rd November.
Petrol-gauge; R. Taberner; 27973, 27th May.
Strainer and petrol-gauge; R. Taberner; 27973, 27th May.

Class—Fire Alarms, Escapes, Extinguishers (including Ladders of all kinds).
Alarm; W. Stokes, jun.; 27407, 24th March.
Alarm; F. Castle, E. J. Riddiford, W. E. Bidwell, and L. L. McDermott; 27713, 11th May.
Alarm, burglar; T. Jameson; 27319, 18th February.
Alarm—back contact-breaker; P. O. Spry; 28624, 28th October.
Alarm, ship; W. H. Davy; 28132, 21st July.

Class—Flax.

Class—Food.

Class—Furnaces.

Draught—introducing; D. de B. Howell; 28739, 17th November.
Draught-regulator; T. H. Coatsworth; 27292, 20th June.
Furnace; J. R. and J. Pomeyr; 28786, 5th March.
Furnace; L. A. Smallwood; 27689, 28th June.
Furnace; iron and steel; W. H. J. Ridley; 28445, 19th September.
Furnace — air-bridge; W. J. Aston; 27711, 13th September.
Furnace — air-bridge; C. McIntyre; 28127, 19th July.
Furnace—cokes; L. Bantiss; 27270, 12th May.
Furnace—door; A. Vincent and C. Muir; 28530, 6th October.
Furnace—dust-prevention; T. Edwards; 27770, 18th May.
Klin, brick; C. Ingram; 27443, 27th April.
Furnace—making compound; J. F. Norton; 28207, 15th August.

Class—Furniture and Upholstery.

Bedding, folding; J. W. Tattersfield and H. C. Abbott; 27606, 21st April.
Bed—rest; G. Broon; 27178, 19th January.
Bed—spring; J. W. Tattersfield and H. C. Abbott; 28661, 10th October.
Bedstead-frame; A. Bruno; 27715, 10th November.
Blanket, Wool; to roll; H. B. Tantam; 27715, 11th May.
Blanket—cord holder and adjuster; R. Pasolini; 28717, 10th November.
Blanket—E. Broughton; 28832, 3rd December.
Blanket—fittings; E. W. Greenwood; 27407, 10th March.
Blanket—venetian; E. M. Thompson; 28826, 3rd December.
Blanket—venetian; W. L. H. Burgess; 28692, 7th November.
Blanket—venetian; H. Robson; 27907, 24th January.
Kerosene-pump indicating-attachment; J. Coupe; 28621, 30th September.
Level; G. H. Harper; 28477, 21st September.
Liquid-mirror; O. Christophersen, jun.; 28596, 18th October.
Luminaire; D. H. Whittaker; 28100, 12th September.
Luminous apparatus; E. B. Sutton; 27660, 9th December.
M. H. Redfern; 28344, 6th April.
M. J. Cartwright; 27706, 12th April.
M. W. Depond; 28326, 11th April.
M. E. McLaughlin; 28093, 2nd April.
M. J. Paterson; 27728, 21st May.
M. J. Paterson; 28070, 26th June.
M. J. Paterson; 27697, 28th June.
M. Collier; 27795, 4th October.
M. A. E. Mitchell; 28492, 27th September.
M. W. McLeod; 28030, 21st October.
M. W. McLeod; 27919, 10th November.
M. W. Collier; 28501, 2nd December.
M. A. E. Mitchell; 27997, 2nd December.
M. H. Haines; 28117, 6th May.
M. H. Haines; 27588, 12th May.
M. W. Collier; 27830, 21st May.
M. W. Collier; 27730, 13th May.
M. W. Collier; 28031, 2nd December.
M. W. Collier; 28000, 11th September.
M. J. Paterson; 28519, 22nd September.
M. J. Paterson; 27697, 28th June.
M. Collier; 28326, 11th April.
M. Collier; 27728, 12th April.
M. J. Paterson; 27822, 17th August.
M. J. Paterson; 27502, 2nd February.
M. J. Paterson; 27977, 31st March.
M. J. Paterson; 27970, 9th May.
M. J. Paterson; 27770, 8th May.
M. J. Paterson; 27770, 8th May.
M. J. Paterson; 28070, 26th June.
M. J. Paterson; 27697, 28th June.
M. H. Redfern; 28344, 6th April.
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M. J. Paterson; 27697, 28th June.
Harbour-channel and river sweeper; W. J. Baskerville; 27508, 4th April.
Life-buoy boat; F. C. Ottaway; 28009, 19th October.
Propeller; A. N. Worwick; 27435, 10th March.
Propeller; E. Woodward; 27828, 30th August.
Propeller; H. and S. H. Hawkins; 27385, 21st June.
Propeller; A. J. Tait; 28753, 10th November.
Propeller; F. F. T. Earls; 27372, 13th February.
Sail and sail-setting; E. le Roy; 27253, 5th April.
Sand-drift preventer; J. W. Jackson; 27265, 8th February.
Screw-propeller and driving-gear; C. H. N. B. Williams; 27555, 12th April.
Ship-sinking prevention; T. Curtis; 27323, 15th February.
Sound-apparatus, ships and wells; C. Vowell; 27248, 3rd February.
Steering-gear; F. L. Martinou; 28493, 27th September.
Submarine-signal-sounder; Submarine Signal Company; 27255, 12th January.
Submerged-rock indicator; S. Maioha, jun.; 27799, 30th May.

Class—Marking.

Class—Latches, Keys, and Hinges.

Class—Marine and Submarine.

Class—Medical and Surgical Appliances.

Class—Metalworking.

Tea-strainer; A. Moore; 28286, 17th August.
Toaster; O. A. Finlay; 28065, 9th July.
Toast-rack; H. W. Stanley; 28631, 21st October.
Trivet; J. Limber and F. M. Norris; 28615, 29th September.

Class—Lifting, Hauling, and Loading.

Bag-lifting apparatus; F. H. Law; 27503, 1st April.
Ball-rop e antifouling device; J. Watterson, P. S. Phillips, and Turner; 27741, 17th May.
Cattle-lung; J. Robertson; 27876, 4th May.
Coaling-hoop; W. J. Alcock; 28323, 24th August.
Coal-unloading; W. C. Noakes; 27891, 29th November.
Conveyor-belt; J. Dawson and Son, Limited; 27903, 14th June.
Conveyor-belt idler; J. C. Johnston; 28462, 20th September.
Cranes; B. and E. Thomas and E. M. Holme; 28281, 10th April.

Class—Locks, Keys, and Hinges.

Casement-fitting; A. Cameron and J. Fletcher; 28588, 14th October.
Casement-hinge; B. H. Spencer; 27232, 1st February.
Casement stay and fastener; O. A. Jorgensen; 27533, 7th June.
Cupboard-fastener; A. G. Tomkies; 27422, 9th March.
Door-lock; A. C. Tomkies; 27422, 9th March.
Door-lock; B. Throp; 27509, 9th June.
Door-lock; R. P. Hall; 27533, 20th August.
Door-latch; T. Mac lean; 27575, 14th November.
Fanlight, &c., stay and fastener; G. F. Norton; 28448, 21st September.
Gate-latch attachment; F. B. Clapcott; 27844, 6th June.
Gate-lock; H. Pettitt; 27384, 1st March.
Gate-lock; F. B. Clapcott; 28152, 25th July.
Gate-lock; F. B. Clapcott; 28232, 10th August.
Gate-lock; C. S. Peas; 28578, 8th September.
Gate-lock; H. Pettitt; 28821, 2nd December.
Hinge; J. Mitchell; 27345, 23rd February.
Hinge; G. Abbott; 27092, 1st April.
Hinge; E. J. Ruddick; 27735, 16th May.
Key-ring safety device; J. Mitchell; 27332, 21st February.
Mail-bag seal; R. Burn; 28658, 1st November.
Ring safety latch; E. Hayes; 28318, 23rd August.
Window-lock; T. H. Nelson and another; 27303, 15th February.
Window-lock; J. Worsnop; 27354, 22nd February.
Window-lock; S. H. Shepherd; 27496, 1st April.
Window-lock; C. J. Sanderson; 27886, 11th June.
Window-lock; C. G. Pope; 28111, 29th July.
Window-lock; C. Chapman; 28155, 25th July.
Window-lock; T. Maclean; 27577, 14th November.
Window-sash stay and lock; W. C. S. Clydesdale; 28730, 14th November.

Class—Marine and Submarine.

Alarm and steering-gear; W. A. Attenborough; 28123, 12th July.
Boat-disengaging gear; J. C. Fraser; 27618, 25th April.
Boat-disengaging gear; J. C. Fraser; 28617, 21st October.
Boat-frame or protection; A. M. Grainger; 28732, 12th November.
Boat-lowering device; J. B. Robertson; 28339, 27th August.
Boat-railing; R. Chambers; 27988, 18th September.
Capsizes; E. Larcomb; 27282, 2nd February.
Dock-door construction; W. W. Harveson; 27653, 2nd May.
Dry-dock building; H. Norgrove; 28491, 27th September.
Fog and alarm signal apparatus; G. Harrison-Smith; 27070, 23rd June.

7—H. 10.
CLASSIFIED SUBJECT LIST OF INVENTIONS, ETC.—continued.

Class—Mines—(Stampers and Pulverizers).

Pulverizer; G. A. Browne and P. C. Forrester; 27381, 2nd March.

Tube-mill feed; J. E. Thomas; 28236, 5th August.

Quartz-crusher; G. Johnston; 28902, 30th December.

Class—Oils and Lubricators.

Axle-cap; J. Hower; 28888, 14th December.

Axle-cap; R. McNaughton; 27172, 18th January.

Axle-box lubricator; C. E. Fisher; 28331, 26th August.

Axle-lubricator; S. R. Palmer; 27846, 7th June.

Axle-lubricator; P. Martin and F. Humphreys; 28387, 6th September.

Axle-lubricating device; R. Hamburger; 27174, 19th January.

Drilling-machine lubricator; C. A. Oldman; 28362, 31st August.

Lubricating bearings; J. Johnston; 28760, 4th May.

Lubricator-feeder; A. Billsland; 28921, 22nd October.

Oil extraction from peat; R. F. Moore; 28869, 10th December.

Oil-production from kauri-swamp soil; S. R. Trevor; 28777, 24th November.

Oil-production from swamp sands; S. R. Trevor; 27318, 18th February.

Oils, treatment of; G. Turner; 27113, 5th January.

Petroleum, &c.; S. Wolfe; 27970, 12th October, 1909; Petroleum and shale oil; H. W. Knottenbelt; 27584, 19th April.

Class—Paints and Painting.

Coating for metal parts of water-meters; E. N. Davies; 27571, 18th May.

Dye for hair and fibre; F. V. Raymond; 28311, 23rd August.

Oil-production from kauri-swamp soil; S. R. Trevor; 28777, 24th November.

Paint; J. and T. Anglin; 28162, 28th July.

Paint-applying method; F. Andrews; 27482, 30th March.

Paint, stain, &c., manufacture; F. V. Raymond; 28613, 23rd August.

Waterproof-coating-solution; C. Simonson; 27227, 8th April.

Waterproof-coating-solution; C. Simonson; 27028, 8th April.

White-head pulverizer and mixer; S. Winn; 28704, 7th March.

Class—Pipes, Tubes, and Hose.

Concrete pipes, girders, &c.; E. J. and W. R. Hunne; 28497, 27th September.

Conduit, moulding; R. Taylor; 28004, 18th October.

Earthenware-pipe manufacture; Yarrow and Co. (Bouton), Limited; 27867, 8th June.

Earthenware-pipe socket; J. Muir; 27761, 3rd May.

Hose-connecting; F. C. Wheeler; 27583, 9th April.

Joint, steel, for suction-pipe; R. A. Riley; 28523, 28th September.

Locking-bar pipe-plate bender; J. G. Hoskins; 27678, 5th May.

Lock joint connecting; J. K. Bulger; 27801, 28th May.

Metal-pipe manufacture; E. R. Ries; 27297, 3rd February.

Obstruction removal from pipes; H. Lowry; 27853, 23rd November.

Pipe; J. A. Arthus, W. L. F. Wright, and J. D. Caldwell; 28553, 5th November, 1909; Pipe-branch service connection; R. Ballantyne and Stewarts and Lloyds, Limited; 27728, 18th September, 1909; Pipe-jointing; J. G. Stewart; 27727, 15th June, 1909; Pipe-moulding machine; R. Ardett; 28640, 27th October.

Prevention of obstructive deposits in mains; W. W. Martin; 28554, 25th December.

Service-pipe connecting, hot-water; E. G. Wright, A. J. Griffiths, and T. Ballinger; 27892, 14th June.

Union-joint; C. W. Seal; 27742, 14th March.

Union-screw; H. G. W. L. Noy; 27361, 25th February.

Water-pipe-leak repairing; J. Gilmour; 28919, 23rd December.

Class—Preserving.

Fish-preserving process; J. R. Henderson; 27351, 24th February.

Food-preserving; L. Fulda; 27500, 19th April.

Meat-preserving; H. T. Shephey and T. T. Boyle; 27680, 4th May.

Meat-preserving; O. Ahrens; 28179, 30th July.

Preserving-apparatus; G. M. Allen; 27770, 24th May.

Timber-preserving; J. House; 28810, 1st December.

Wood, canvas, &c., treatment; A. Carron; 28051, 11th January.

Wood-preserving process; W. B. Chisholm; 27160, 18th February, 1909.
H.—lo And...  28198, 3rd August.
Liquid, increase of pressure of; H. Donner; 27441, 15th March.

Paper-balancing apparatus; A. Paul; 28546, 5th October.
Wool-pressing-straining device; W. J. Cloudesley and B. L. Arrowsworth; 27500, 31st March.

Class—Printing and Photography.

Drawing-making machine; R. Burn; 27650, 29th September.

Trolly-wheel; C. E. Tram-car 28489, 4th April.

Locking-signal; G. Dutton, and H. Richardson; 28528, 8th December.

Stability, impounding and maintaining, for single-track vehicles; L. Brennan; 27518, 6th April.

Switch-drawing machine; International Automatic Railway Switch Company; 28295, 17th August.

Tablet-exchange bracket; F. Roberts; 28754, 15th November.

Cutting-press; G. Tilley; 28881, 15th December.

Ticket-car; H. Drummond; 27431, 16th March.

Train-yard operating; A. N. Barrett and H. G. Finnerty; 27117, 5th January.

Train-yard track; A. Godfrey; 27402, 9th March.

Train-yard-track point; J. Bollie and T. W. Potts; 25238, 3rd October.

Trolley-wheel; J. L. Kirkbride; 27350, 26th February.

Trolley-pole; A. E. Godfrey; 27082, 20th June.

Trolley-pole; H. A. Glass; 28466, 26th September.

Trolley-pole gear; W. Scott; 27321, 16th February.

Trolley-pole-giving device; A. R. Christian and E. A. Reynolds; 27499, 24th March.

Trolley-pole retriever; A. R. Christian and E. A. Reynolds; 27284, 10th February.

Trolley-pole retriever; A. R. Christian and E. A. Reynolds; 27296, 11th February.

Trolley-pole retriever; A. R. Christian and E. A. Reynolds; 27544, 19th February.

Trolley-pole retriever; H. F. Heycock; 28489, 23rd September.

Trolley-wheel; A. R. Barrymore; 28877, 15th December.

Class—Roads and Ways.

Composition for roads, &c.; J. S. Richardson; 28389, 7th December.

Drain-laying method; H. V. Drew; 28885, 17th December.

Road-construction; J. Wilson; 27318, 18th February.

Road-surfacing; M. A. Popkess; 27260, 6th February.

Road-litter and shingle-adjuster; T. Basin and J. McCarty; 28341, 26th August.

Stone-gathering machine; A. Burnham; 28231, 24th August.

Stone-treatment; J. Hoze; 28735, 15th November.

Street-sprinkler; O. O’Malley; 27063, 23rd June.

Class—Seed-dressing, Chaff-cutting, and Threshing.

Chaff-cut; E. W. Winstanley; 27016, 18th June 1909.

Chaff-cutter feed regulating; H. S. Marks; 28058, 27th July, 1909.

Chaff-cutter knife mounting; R. W. Hill; 27378, 23rd March.

Chaff-cutter knife sharpening; T. Stevenson and T. Falconer; 27243, 3rd February.


Threshing-machine; J. J. Broomby and W. Petersen; 28265, 22nd December.

Threshing-machine conewa strip; W. W. Geiger; 27086, 22nd June.

Threshing-machine elevator; A. Werner; 28284, 17th August.
CLASSIFIED SUBJECT LIST OF

Class—Fertilizer-pulverizing machine; G. Honeywood; 27570, 14th April.
Mixing machine, grain and fertilizer; G. Honeywood; 27569, 14th April.
Mixing machine, grain and fertilizer; G. Honeywood; 28655, 27th April.
Potato-planter; T. Balfour; 28030, 4th October.
Potato-planter; A. Mood and A. J. Jervie; 28476, 17th November.
Seed-sower; D. Stewart; 27193, 25th January.
Seed-sower; G. Hutchinson; 27653, 9th April.
Seed-sower; T. Cee and C. B. Higgs; 27260, 24th June.
Seed-sower; E. Moss; 28301, 19th August.
Seed-sower; W. G. Gordon-Jones; 28470, 21st September.
Seed and fertilizer sower; Duplex Seed Drill Company Proprietary, Limited; 28580, 19th August.
Seed and fertilizer sower; J. Y. M. Conrie; 28651, 31st October.

Class—Sewing and Knitting.

Sewing-machine; W. H. Beale and H. O. Hewett; 27157, 15th April.
Sewing-machine; F. J. T. and H. C. Bell; 28030, 5th July.
Sewing-machine; W. J. Johnson; 28085, 15th July.
Sewing-machine; W. J. Johnson; 27290, 21st March.
Sewing-machine attachment; E. L. Tillton; 27596, 29th April, 1909.*
Sewing-machine bolting; M. Frier and V. C. Richards; 28382, 2nd September.
Sewing-machine darning-attachment; P. Holton; 28186, 1st August.
Sewing-machine, boots. (See Class—Boots and Shoes.)

Class—Sheep and Cattle.

Animal-feeding appliance; R. E. Rose; 27014, 18th June.
Animal-feeding device; V. Furry; 28429, 14th September.
Animal-leg fastener; A. H. Hansen; 27290, 14th February.
Animal-leg fastener; W. C. Brown; 27260, 24th June.
Animals, throwing and securing; H. H. Wallace; 27262, 8th February.
Bee-saw foundation-comb; W. H. Reader; 28411, 12th September.
Brooder; J. M. Quinton; 25240, 11th August.
Casting-machine; E. Hale; 27811, 1st June.
Castrating-device—animal; G. W. McKenzie; 28336, 25th August.
Castrating-device; W. L. Boyce; 28015, 5th May.*
Chaff-cutting; T. Cee; 28653, 11th September.
Cutter; J. Stewart; 27112, 11th January.
Poultry-feed box; J. Stewart; 27112, 11th January.
Poultry-feed box; P. W. M. Holt; 28090, 28th May.
Poultry-nest; H. Irwin; 27524, 4th June.
Poultry-nester; J. F. Bassett; 28580, 9th October.
Poultry-nester; W. G. Little; 28511, 20th November, 1909.*
Poultry-nester; A. J. Cameron; 28316, 29th September.

Class—Sheep Shearing and Clipping.

Driving-gear, overhead; J. J. S. Caverhill; 27308, 29th May.
Shearing-machine; G. Massey; 27461, 25th March.
Shearing-machine; A. G. L. Neighbour; 27064, 6th June, 1909.*
Shearing-machine; G. Massey; 28121, 21st July.
Shearing-machine; G. Massey; 28345, 20th August.
Shearing-machine; J. Hind; 28502, 28th September.
Shearing-machine; R. Falkiner and F. Boll; 28036, 6th December, 1909.*
Shearing-machine comb and cutter sharpener; W. J. Tinline; 28009, 19th July.
Shearing-machine comb and cutter sharpener; W. Southwell; 28557, 3rd October.
Shearing-machine comb and cutter sharpener; G. Brydon; 28723, 10th November.

CLASSIFIED INVENTIONS, ETC.—continued.

Class—Shop and Hotel Fittings.

Aerating liquids; H. Pearce and W. Barratt; 27917, 28th June, 1909.
Aerating-water manufacture; A. V. Graham; 27547, 13th April.
Aerating-machine; J. Dixon and J. C. F. Lawrence; 27743, 10th October, 1906.*
Article-displaying device; H. L. Day; 28425, 13th September.
Beer-dispenser; J. Berryman; 27141, 11th January.
Carpet, &c., exhibiting apparatus; W. Franklin; 27676, 4th May.
Cash receiving, storing, and delivering; M. T. Browne; 29403, 6th August.
Cash-register; Imperial Cash Register Company, Limited; 28588, 17th December.
Liquid-delivery, socket and screw-plug; J. Sharpe; 27748, 18th May.
Liquor-delivery in measured quantities; D. Griffiths and W. R. M. 11th October.
Paper, twine, and label-graham; W. W. Smith and A. C. Murray; 28253, 13th August.
Show-case, metal clip for; W. Hoyland; 27212, 28th January.

Class—Stationery, Office Requisites, Bookbinding, &c.

Dictionary—teaching by tokens, &c.; F. Lough; 28033, 4th July.
Blotting-paper holder; L. W. Alexander; 28638, 25th October.
Bookbinding—device; D. Taylor; 28667, 29th October.
Book, loose-leaf; H. M. Douglass; 28794, 29th November.
Book, loose-leaf; E. S. Sibun; 28581, 17th December, 1909.*
Carrier, tobacco; J. F. Powell; 28706, 1st December, 1909.*
Counter-sales check-book; C. B. Smith; 27877, 9th June.
Envelope. (See also Letter-sheet, Memorandum, Telegraph form.)
Envelope; R. N. Chubb; 27149, 10th January.
Envelope; D. M. Patton; 27554, 14th April.
Envelope; J. Schadick; 27790, 25th May.
Envelope and letter-paper; R. A. O. Walter; 28976, 4th November.
Envelope and letter-paper; O. A. Bourne; 28620, 22nd October.
Envelopes, sealing; P. N. M. MacDonald; 27140, 11th January.
File, document—; P. J. Gosling; 27055, 20th April.
File; P. J. Gosling; 27096, 6th May.
Fountain-pen; E. G. Graham; 28182, 20th July.
Invoice and account book; F. Currie; 28822, 22nd December.
ledger, &c.; A. Robertson; 27771, 24th May.
Letter-card; A. Gray; 27874, 11th June.
Letter form; A. Gray; 27682, 9th June.
Letter-sheet and envelope; A. Gray; 27833, 7th June.
Memoranda; A. A. Brown; S. Salek, J. E. Frost, and A. Parker; 27825, 25th April.
Music-holder; A. Simonson and G. King; 27927, 12th February.
Paper-bag-making machine; C. L. de Jersey; 27241, 3rd February.
Paper-foldig device; E. Moss; 28329, 25th August.
Paper folding, gumming, &c.; S. Salek and J. E. Frost; 28107, 27th July.
Paper holder and deliverer; R. Dunne; 27807, 30th May.
Paper holder and deliverer; R. Dunne and A. J. Park; 28460, 16th September.
Paper-manufacture from wood; J. C. W. Stanley; 28749, 14th December, 1909.*
Paper-tube machine; Mono Service Vessels, Limited; 27480, 30th March.
Pen nib reservoir attachment; J. Sharp, jun., and F. L. Peterson; 28249, 12th August.
Post-card and envelope; C. C. Gore; 27143, 11th January.
Protractor, &c.; W. M. Mackintosh and T. Walton; 28663, 2nd November.
Stamping, embossing, &c., machine; A. H. Wright; 27109, 20th September.
Stamping, embossing, &c., machine; A. H. Wright; 27363, 25th January.
Stamping, embossing, &c., machine; A. H. Wright; 27680, 16th April.
Stamp supply and affixing machine; P. G. E. Daniel and C. A. H. Bullcock; 28599, 29th October.
Telegraph-form close; A. Gray; 27891, 14th June.
Telegraph form and envelope; A. Gray; 27884, 13th June.
Telephone-tablet; A. Holder; 28924, 21st December.
Time and wage book; J. E. Frost and S. Salek; 28606, 1st November.
Time-table; J. E. Davis; 28904, 20th December.
Abingdon—Roco Limited, Birmingham, England; (13); 8039, 19th November.
Abraham, F., and Co., London, England; (42); 8621, 19th March.
Abraham, F., and Co., London, England; (42); 8784, 2nd June.
Achard and Glotin (see M. Bizard and M. B. Glotin). Action-Gesellschaft für Mechanische Holzbearbeitung A. M. Lobn, Germany; (10); 9821, 3rd Russia; (50); 8796, 15th June.
Adams and Elting Company, Chicago, United States America; (50); 9216, 7th December.
Ainslie and Sons, London, England; (50); 9240, 12th December.
Alabastino Company (British), Limited, London, England; (1); 8560, 8561, 8562, 15th February.
Alaska Packers’ Association, San Francisco, United States America; (42); 9206, 9207, 9208, 9209, 9210, 9211, 6th December.
Albert, H., and Son, Sydney, New South Wales; (8); 8668, 7th April.
Allen, W. G., “W. G. Allen and Co.,” Auckland, New Zealand; (39); 9042, 14th December.
Allen, W. G., and Co. (see W. G. Allen). American Axo and Tool Company, Pittsburgh, United States America; (12); 8794, 9th June.
American Dehydrating Company, Waukeesa, United States America; (42); 9010, 10th September.
American Horticultrural Distributing Company, Martinsburg, United States America; (51); 9278, 31st May.
Anderson, W. A., Vancouver, British Columbia; (42); 9173, 23rd November.
Andrews, F., Melbourne, New South Wales; (1); 8633, 30th March.
Anger Chemical Company, Limited, London, England; (3); 9069, 4th October.
Aonisia Clock Company, New York, United States America; (9177); 9043, 7th December.
Aquaeuctum Limited, London, England; (38); 9066, 4th October.
Austin, A., Melbourne, Victoria; (48); 8870, 12th April.
Arthur, J., C., Opotiki, New Zealand; (39); 9184, 24th November.
Ashburton Co-operative Dairy Factory Company, Limited, Ashburton, New Zealand; (42); 9258, 25th December.
Ashcroft, R. H., Auckland, New Zealand; (39); 8975, 31st August.
A. S. Hurum Fabriker, Jolense, Norway; (50); 9231, 20th December.
Auckland Cake Company, Auckland, New Zealand; (42); 9225, 23rd May.
Auckland Farmers’ Freezing Company, Limited, Auckland, New Zealand; (42); 9285, 29th December.
Auckland Motor Company, Limited, Northfield, England; (22); 9096, 13th October.
Australian Kodak, Limited, Wellington, New Zealand; (39); 8811, 15th June.
Australian Kodak, Limited, Wellington, New Zealand; (1); 8947, 15th August.
Aynon, W. S., Dunedin, New Zealand; (2); 8552, 12th February.
Badham, C. J., Dunedin, New Zealand; (30); 8949, 17th August.
Badham, C. J., Dunedin, New Zealand; (50); 9083, 13th October.
Badham, C. J., Dunedin, New Zealand; (50); 9116, 24th October.
Bain, W. and R., Dunedin, New Zealand; (47); 9136, 31st October.
Baldwines Limited, Swansea, Wales; (5); 9135, 9139, 2nd November.
Baldwines Limited, Swansea, Wales; (5); 9178, 9179, 9180, 9181, 9182, 23rd November.
Balfour, Guthrie, and Co., Limited, San Francisco, United States America; (42); 9241, 12th December.
Ball Bros. and Co., Sheffield, England; (7); (12), 8475, 8476, 4th January.
Barclay, W. H., and another, Dunedin, New Zealand; (24); 8917, 17th June.
Barclay, W. H., and another, “Kirkpatrick and Barclay,” Dunedin, New Zealand; (27), (38); 9192, 9153, 14th October.
Barker Bros., Limited, Silvesmthes, Birmingham, England; (14); 8644, 6th April.
Baring, B., and Sons, London, England; (50); 8720, 11th May.
Barraud and Abraham, Limited, Palmerston North, Feilding, and Dannevirke, New Zealand; (3); 9085, 13th October.
Bartram, J., and Sons, Melbourne, Victoria; (2); 8996, 6th September.
Bary (see De Bary).
Bataafsche Petroleum-Maatschappij, The Hague, Holland; (4); 8655, 8555, 6th April.
Bataafsche Petroleum-Maatschappij, The Hague, Holland; (4); 8655, 8555, 6th April.
Bate, J. W., Hastings, New Zealand; (2); 9016, 12th September.
Battle and Co., Chemists’ Corporation, St. Louis, United States America; (3); 8694, 8956, 8966, 8977, 27th April.
Baylis, G. H., Wellington, New Zealand; (50); 9216, 7th December.
Baylis, G. H., Wellington, New Zealand; (50); 9243, 14th December.
Bennett and Wood, Limited, Sydney, New South Wales; (22); (40); 9245, 9249, 19th December.
Bennett, G. W., Christchurch, New Zealand; (1); 8751, 8752, 21st May; (39); 8753, 23rd May.
Bennett, G. W., Christchurch, New Zealand; (2); 9008, 9th September.
Benton and Stone, Birmingham, England; (13); 9230, 12th December.
Berger, J., Wellington, New Zealand; (39); 8960, 19th January.
Best, C. M., Auckland, New Zealand; (50); 8889, 12th July.
Best, S. J., and Co., Auckland, New Zealand; (1); 8799, 13th June.
Best, S. J., and Co., Auckland, New Zealand; (1); 9200, 9201, 5th December.
Bishop, L. E., and others, Christchurch, New Zealand; (3); 9150, 31st August.
Black, R. S., Dunedin, New Zealand; (13); 8544, 8th February.
Blau, J., and Sons, Sydney, New South Wales; (11); 8727, 12th May.
Bluemel, C. W., and Bros, Woolstock, England; (50); 8716, 3rd May.
Boko Company (see H. O. Wiles).
Booker Tobacco Company, Lyndeburg, United States America; (40); 8622, 19th March.
Borsalino, Guiseppe F. Fratelli Societa Anonima, Alessandria, Italy; (38); 9028, 14th September.
Braas, W. L., London, England; (3), (48); 8945, 8946, 15th August.
Bray Bros., Wellington, New Zealand; (42); 8725, 8728, 12th May.
Bray, G., and Co., Limited, Leeds, England; (13); 8721, 11th May.
Bredell Compositions Company of the Pacific Coast, San Francisco, United States America; (1); 9221, 12th December.
Breeze, W. G., Onehunga, New Zealand; (37); 8780, 1st June.
Breeze, W. G., Onehunga, New Zealand; (1); 9055, 27th September.
Brezit Printing and Publishing Company, Limited, Auckland, New Zealand; (39); 8654, 8583, 14th February.
Brieco and Co., Limited, Wellington, New Zealand; (20); 8761, 24th May.
Brieco and Co., Limited, Wellington, New Zealand; (5); (13), (17); 9046, 9047, 21st September.
British-anti-ferling Composition and Paint Company, Limited, London, England; (1); 8615, 12th March.
P.—ALPHABETICAL LIST OF APPLICANTS FOR REGISTRATION OF DESIGNS FOR THE YEAR 1910.

[Note.—The class is put within parentheses.]

Auckland, A. E., Wellington, New Zealand; (10); 504, 10th February.
Bartram, H. W., and another, Melbourne, Victoria; (3); 531, 7th July.
Bartram, J., and Son (see H. W. Bartram and G. H. Hope).
Brinsley and Co., Limited, Dunedin, New Zealand; (1); 534, 22nd August.
Buchanan and Co., Limited, Auckland, New Zealand; (2); 530, 12th September.
Chisholm, W. O., Glasgow, Scotland; (10); 532, 14th September.
Collins, G. E., Napier, New Zealand; (3); 541, 27th September.
Collins, G. E., Pukehou, New Zealand; (3); 535, 24th August.
Gramophone Company, Limited, London, England; (3); 539, 12th September.
Greatrex, C., and Son, Limited, Walsall, England; (1); 533, 21st June.
Hargreaves, J., Auckland, New Zealand; (1); 536, 17th August.
Hargreaves, J., Auckland, New Zealand; (1); 538, 17th September.
Hargreaves, J., Auckland, New Zealand; (1); 540, 19th September.
Hennah, H. S., and another, Wellington, New Zealand; (3); 543, 11th October.
Hennah and Jackson (see H. S. Hennah and G. S. Jackson).
Hope, G. H., and another, Melbourne, Victoria; (3); 531, 7th July.
Irvine and Stephenson's St. George Company, Limited, Dunedin, New Zealand; (4); 543, 22nd October.
Jackson, G. S., and another, Wellington, New Zealand; (3); 544, 11th October.
Jenkyn, W. J., Christchurch, New Zealand; (3); 502, 10th February.
Jupp, W., Wellington, New Zealand; (3); 501, 18th February.
Lorimer, G. E., Melbourne, Victoria; (4); 533, 2nd April.
Methven, G., and Co., Limited, Dunedin, New Zealand; (1); 511, 25th May.
Northern Boot and Shoe Manufacturing Company, Limited, Auckland, New Zealand; (10); 544, 17th October.
Perkins, S., Wellington, New Zealand; (1); 510, 25th May.
Riley, A. D., and Co., Limited, Wellington, New Zealand; (5); 508, 3rd May.
Scammel, W. J., and another, Wellington, New Zealand; (2); 506, 5th May.
Scott Bros., Limited, Christchurch, New Zealand; (1); 506, 29th April.
Scott Bros., Limited, Christchurch, New Zealand; (1); 512, 4th June.
Smith, C. A., Wellington, New Zealand; (3); 505, 26th April.
Smith, T., and Sons, of Saltley Limited, Saltley, England; (1); 507, 3rd May.
Sterling Electro-plating Company (see W. J. Scammell and W. F. Thompson).
Thompson, W. F., and another, Wellington, New Zealand; (2); 509, 9th May.
Whitcombe and Tombs, Limited, Wellington, New Zealand; (5); 503, 7th April.
Wilson, J., and Co., Christchurch, New Zealand; (6); 513, 11th July.
Wilson, W. D., Auckland, New Zealand; (1); 537, 2nd September.
Wood, A. B., Walsall, England; (1); 545, 1st December.
Wunderlich Limited, Wellington, New Zealand; (1); 514-527, 23rd June.
Yeldham, H. A., Auckland, New Zealand; (5); 530, 1st July.