

# Patents, Designs, and Trade Marks

## SUPPLEMENT

TO THE

# NEW ZEALAND GAZETTE

OF

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Complete Specifications and Drawings open to Inspection at Auckland, Dunedin, and Christchurch.

COPIES of the complete specifications and drawings advertised in the *Gazette* will be sent for public inspection to the

#### LOCAL PATENT OFFICES

IN THE

#### SUPREME COURT BUILDINGS

in the following towns on or about the dates mentioned:—

#### Auckland.

*Gazette* No. 93, of the 4th November. 11th November to 25th November, inclusive.

#### Dunedin.

*Gazette* No. 93, of the 4th November. 1st December to 15th December, inclusive.

*Gazette* No. 88, of the 21st October. 16th November to 1st December, inclusive.

*Gazette* No. 85, of the 7th October. 3rd November to 17th November, inclusive.

#### Christchurch.

*Gazette* No. 93, of the 4th November. 20th December to 3rd January, inclusive.

*Gazette* No. 88, of the 21st October. 6th December to 20th December, inclusive.

*Gazette* No. 85, of the 7th October. 22nd November to 6th December, inclusive.

*Gazette* No. 78, of the 23rd September. 8th November to 22nd November, inclusive.

\* Alphabetical lists for the preceding quarters of the year 1909 appear in the following *Gazettes*: No. 85, of the 27th April, 1909, and No. 59, of the 15th July, 1909.

[NOTE.—The office can take no responsibility if from any cause the specifications are not so available.]

**International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks.**

**INTERNATIONAL CONVENTION.**

THE following countries now belong to the Convention :—

Australia.	Italy.
Austria-Hungary.	Japan.
Belgium.	Mexico.
Brazil.	New Zealand.
Ceylon.	Norway.
Cuba.	Portugal, with the Azores and Madeira.
Denmark and Faroe Islands.	Serbia.
Dominican Republic.	Spain.
France, with Algeria and Colonies.	Sweden.
Germany.	Switzerland.
Great Britain.	Tunis.
Holland, with East Indian Colonies, Curaçoa, and Surinam.*	United States of America.

\* Trade marks only.

Separate arrangements have been made between Australia and New Zealand.

Particulars of the Convention and of such arrangements may be seen in the following *Gazettes* :—

Notification of adhesion of New Zealand to the Convention, with text thereof (in English), in the *Gazette* of 26th November, 1891; notification of adherence of New Zealand to the Additional Act of the Convention, with text (in English), of such Additional Act, in *Patents Supplement to Gazette* No. 101, of the 16th November, 1905; Order in Council applying section 103 of the Imperial Act to New Zealand, in *Gazette* No. 27, of the 15th May, 1890; Orders in Council containing arrangements between Australia and New Zealand, in *Patent Supplements to the Gazette* Nos. 22 of the 9th March, 1905, and 38 of the 20th April, 1905.

**Patent Publications in New Zealand.**

THE following publications relating to Patents for inventions, &c., are open to inspection in the Dominion :—

**WELLINGTON.—PATENT OFFICE LIBRARY.**

*United Kingdom.*

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 4th August, 1909.

Classified illustrated abridgments of inventions from 1855 to 1906 and part of 1907.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to September, 1909.

Index of Applicants.

Subject-matter Index.

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

Trade Marks Journal to July, 1909.

*Canada.*

Patent Office Record (containing illustrated abridgments of inventions, &c.) to May, 1909.

*Australia.*

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January, 1906, to the 28th September, 1909, inclusive.

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

The Australian Official Journal of Trade Marks (containing lists of applications for registration of trade marks, &c.).

Specifications, drawings, abridgments, and indexes of Victoria, New South Wales, Queensland, and South Australia<sup>(b)</sup>.

*United States.*

The full text of the specifications and drawings for the years 1905, 1906, and part of 1907.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to September, 1909.

*Mexico.*

The Official Gazette of the Patent and Trade Mark Office.

(\*) Discontinued.

(b) In arrears. Not now being printed.

*General.*

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

Patent laws of the world.

Patent and Trade Mark Review.

Text-books and handbooks on patents and trade marks.

**AUCKLAND.—PUBLIC LIBRARY.**

*United Kingdom.*

Classified abridgments of inventions from 1855 to 1904. Illustrated Official Journal from 1897 to date.

*Canada.*

Patent Office Record (containing illustrated abridgments of inventions, &c.) from 1897 to date.

*Australia.*

The Official Journal of Patents from 1905 to date.

*United States.*

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) from 1885 to 1887 and 1890 to 1895.

**CHRISTCHURCH.—PUBLIC LIBRARY.**

*United Kingdom.*

Classified abridgments of inventions from 1855 to 1904. Illustrated Official Journal from October, 1905, to date.

*Canada.*

Patent Office Record (containing illustrated abridgments of inventions, &c.) from 1897 to date.

*Australia.*

The Official Journal of Patents from 1905 to date.

**DUNEDIN.—PUBLIC LIBRARY.**

*United Kingdom.*

Classified abridgments of inventions from 1855 to 1904. Illustrated Official Journal from October, 1905, to date.

*Australia.*

The Official Journal of Patents from 1905 to date.

**Books and Documents open to Inspection at Patent Office, Wellington.**

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

**PATENTS.**

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

1. The files relating to all applications for letters patent in respect of which complete specifications have been accepted.
2. Classified copies of specifications and drawings, with index and key<sup>(\*)</sup>.
3. Register of Applications for Letters Patent.
4. Register of Patents.
5. Register of Subsequent Proprietors of Letters Patent<sup>(b)</sup>.
6. Index of Patentees<sup>(c)</sup>.
7. Index of Proprietors of Letters Patent granted prior to 1890<sup>(d)</sup>.
8. Index of Specifications<sup>(e)</sup>.

**DESIGNS.**

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

1. Register of Designs, with Index of Names of Proprietors.
2. Classified Representations of Designs in respect of which Copyright has expired.
3. Index of Designs.

(\*) Key is in card index.

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

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

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

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

## TRADE MARKS.

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

1. The files relating to all applications for registration of trade marks.
2. Register of Applications for Registration of Trade Marks.
3. Register of Trade Marks.
4. Index of Applicants for Registration of Trade Marks<sup>(a)</sup>.
5. Index of Trade Marks.
6. Classified Representations of Trade Marks, with indexes.

## MISCELLANEOUS.

Register of Patent Agents.

## FORMS AND PUBLICATIONS.

The following forms, &c., may be had on application at the Patent Office, Wellington, or at any of the local Patent Offices named below:—

- Application for letters patent.
- Provisional specification.
- Complete specification and copy thereof.
- Application for registration of design.
- Application for registration of trade mark.
- Applications for extension of time.
- Requests by subsequent proprietor to enter name on Register of Patents and Trade Marks.
- Printed sheets of information as to fees and procedure to obtain letters patent and to register a trade mark<sup>(b)</sup>.
- Pamphlet containing Act and Regulations (price 1s.).

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

<sup>(b)</sup> May also be obtained at any local Patent Office or money-order office.

## Books, Documents, &amp;c., open to Inspection at Local Patent Offices, Auckland, Christchurch, and Dunedin.

**B**OOKS, documents, &c., open to inspection, and forms, &c., procurable, at the local Patent Offices at Auckland, Christchurch, and Dunedin.

## BOOKS, ETC., OPEN TO INSPECTION.

Complete specifications and drawings of inventions. (Note.—One set of the specifications and drawings is sent, on acceptance, to Auckland, Christchurch, and Dunedin in succession, remaining fourteen days at each place, as advertised in the *Gazette*. Search fee, 1s. per hour.)

Classified abridgments of inventions from 1st January, 1908, to 31st March, 1909. (Search fee, 1s.)

Weekly lists of applications for patents up to and including those filed on Friday may be seen on the following Monday. (Search fee, 1s.)

Name Index—Patents, 1861–1889. (Search fee, 1s.)

Annual Reports, containing alphabetical lists of applicants and subject-matter indexes since 1890.

Patents Supplement to the *New Zealand Gazette*.

Patents, Designs, and Trade Marks Act and Rules.

Acts and Rules of other countries.

Australian Official Journal of Patents.

## FORMS, ETC., OBTAINABLE.

The following forms, &c., may be obtained on application:—

- Applications for letters patent.
- Provisional specification.
- Complete specification, and copy thereof.
- Application for registration of design.
- Application for registration of trade mark.
- Applications for extension of time.
- Requests by subsequent proprietor to enter name on Register of Patents and Trade Marks.
- Printed sheets of information as to fees and procedure to obtain letters patent and to register designs and trade marks.
- Act and Regulations. (Price, 1s. 6d.)

**NOTE.**—The classified abridgments of the specifications and drawings of the United Kingdom may be seen in the Public Library of each of the above three principal towns. Other publications will be placed on file as soon as they are available.

## Specifications of Inventions Open to Inspection.

**C**OMPLETE specifications and drawings of inventions may be seen on acceptance at the Patent Office, Wellington, and are also available for inspection for a fortnight at the local Patent Offices at Auckland, Christchurch, and Dunedin.

Lists giving names of applicants and titles of inventions may be obtained for posting in factories, libraries, technical schools, or other places where they are likely to be seen by persons interested, on application to the Registrar of Patents, Wellington.

## Official Publications.

**T**HE following publications may be obtained from the Government Printer, Wellington:—

Printed specifications to the end of the year 1879. (Some of these are now out of print.)

Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1893 inclusive. (The lists for the last four of these years are contained in the *Annual Reports of the Registrar*.)

Annual reports of the Registrar, containing alphabetical indexes of applicants for letters patent and of subject-matter of inventions patented from 1894 to 1903 inclusive.

The Patents Supplement to *Gazette* (containing notifications, applications for letters patent, abridged descriptions and drawings of inventions, &c.), published fortnightly.

Name Index of Patents, &c., 1861–1890. (Price, 1s.)

## Local Patent Offices.

**L**OCAL Patent Offices for the reception of applications, supply of forms, &c., have been established at the following places:—

- Auckland—Supreme Court. (G. S. Clark, agent.)
- Whangarei—Courthouse. (W. J. Reeve, agent.)
- Thames—Courthouse. (J. Jordan, agent.)
- Waihi—Courthouse. (J. McIndoe, agent.)
- Hamilton—Courthouse. (H. J. Dixon, agent.)
- Gisborne—Courthouse. (G. J. A. Johnstone, agent.)
- New Plymouth—Courthouse. (J. Terry, agent.)
- Napier—Courthouse. (A. Trimble, agent.)
- Wanganui—Courthouse. (C. A. Barton, agent.)
- Taihape—Courthouse. (W. Baker, agent.)
- Palmerston North—Courthouse. (C. J. Hewlett, agent.)
- Masterton—Courthouse. (M. Foley, agent.)
- Nelson—Courthouse. (E. C. Kelling, agent.)
- Blenheim—Courthouse. (F. W. Hart, agent.)
- Westport—Courthouse. (O. E. Bowling, agent.)
- Greymouth—Courthouse. (B. Harper, agent.)
- Hokitika—Courthouse. (J. N. Nalder, agent.)
- Christchurch—Supreme Court. (W. W. Samson, agent.)
- Ashburton—Courthouse. (J. Fitzgerald, agent.)
- Timaru—Courthouse. (T. W. Taylor, agent.)
- Oamaru—Courthouse. (A. A. Mair, agent.)
- Dunedin—Supreme Court. (T. E. Roberts, agent.)
- Clyde—Courthouse. (F. T. D. Jeffery, agent.)
- Gore—Courthouse. (G. H. Lang, agent.)
- Queenstown—Courthouse. (A. J. Thompson, agent.)
- Invercargill—Courthouse. (J. R. Colyer, agent.)

## Annual Report and Index.

**T**HE Annual Report of the Registrar of Patents, Designs, and Trade Marks has now been published, and may be obtained from the GOVERNMENT PRINTER.

PRICE, 1s. 3d.

## Office for Registration of Copyright.

**T**HE office for the registration of proprietorship of copyright in Fine Arts and Dramatic Works has been transferred to the Patent Office, Magistrate's Court Building, corner of Lambton Quay and Ballance Street, Wellington.

## Applications for Letters Patent filed.

**L**IST of applications for Letters Patent filed. (Where a complete specification accompanies an application an asterisk is affixed; in all other cases a provisional specification has been lodged. In all cases where the applicant is not the inventor the name of the latter appears in italics after the title. † Denotes an application under the International and Intercolonial Arrangements.)

- No. 26749.—14th October.—A. E. Peppercorn, Christchurch, N.Z.  
Screw for entering baled goods.\*
- No. 26750.—15th October.—G. A. Ferguson and A. B. Hay, Owen Sound, Canada.  
Necktie-holder.\*
- No. 26751.—15th October.—W. Gibbs, Christchurch, N.Z.  
Fret-lead glass glazing.
- No. 26752.—15th October.—S. Barningham, Dunedin, N.Z.  
Range.\*
- No. 26753.—15th October.—G. S. Thomson, Albury, N.Z.  
Acetylene-gas generator.\*
- No. 26754.—15th October.—W. H. Fox, Dunedin, N.Z.  
Holdfast anchor-pegs.\*
- No. 26755.—15th October.—E. P. Graham and J. Hercus, Dunedin, N.Z.  
Means for observing water-level of boilers.\*
- No. 26756.—15th October.—A. McDonald and A. Brown-Durie, Dunedin, N.Z.  
Filtering-apparatus.\*
- No. 26757.—18th October.—J. Mitchell, Geraldine, N.Z.  
Composition for the destruction of weeds.
- No. 26758.—18th October.—W. B. Topp, Wellington, N.Z.  
Spouting-bracket.
- No. 26759.—15th October.—G. S. Langford, Huntly, N.Z.  
Clip for attaching trucks to haulage ropes.
- No. 26760.—19th October.—J. C. Retter and R. H. Giles, Otaki, N.Z.  
Stand for boots.\*
- No. 26761.—19th October.—E. G. Harrop, London, Eng.  
Finger-rings.\*
- No. 26762.—19th October.—A. Eng, Mangaweka, N.Z.  
Milk-agitator.
- No. 26763.—16th October.—V. Benaglia and U. Grimaldi, Milan, Italy.  
Cinematograph.\*
- No. 26764.—16th October.—St. Paul Cornet Company, St. Paul, U.S.A.  
Machine for making ice-cream cones.\* (K. Wessel.)
- No. 26765.—16th October.—W. Beamish, Hastings, N.Z.  
Water-flushing apparatus.
- No. 26766.—11th November, 1908.†—A. Loughnan, Melbourne, Vic.  
Collapsible wardrobe.\*
- No. 26767.—20th October.—G. G. Turri, Melbourne, Vic.  
Gutter-cleaning implement.\* (G. E. Bunning.)
- No. 26768.—20th October.—The Ludlow Company, Cleveland, U.S.A.  
Typograph.\* (W. I. Ludlow.)
- No. 26769.—20th October.—A. Burrows and W. J. Philips, Melbourne, Vic.  
Self-locking attachment for bicycles.
- No. 26770.—20th October.—F. W. Adams, Blenheim, N.Z.  
Acetylene-gas lamp.\*
- No. 26771.—20th October.—R. J. Gibb, Christchurch, N.Z.  
Locomotive.
- No. 26772.—20th October.—V. G. Butler, Winton, N.Z.  
Device for applying lotions to the scalp of the head.
- No. 26773.—20th October.—E. Moss, Christchurch, N.Z.  
Transmitting apparatus for use in fire-alarm systems.
- No. 26774.—21st October.—W. A. Mays, Ashburton, N.Z.  
Music-binder.
- No. 26775.—21st October.—E. Bamforth, Hastings, N.Z.  
Breast-pump.
- No. 26776.—19th October.—C. Suttie, Waharoa, N.Z., and M. H. Wynyard, Auckland, N.Z.  
Means of saving tow.
- No. 26777.—19th October.—C. Suttie, Waharoa, N.Z., and M. H. Wynyard, Auckland, N.Z.  
Treatment of New Zealand flax.
- No. 26778.—21st October.—H. O. Abbott, Launceston, Tas.  
Attachment to register gates.
- No. 26779.—20th October.—T. Ganley, Waihi, N.Z.  
Feed-water heater for boilers.
- No. 26780.—20th October.—M. Sinclair, Auckland, N.Z.  
Sewing-machine shuttle.
- No. 26781.—22nd October.—G. G. Holmes, jun., Pigeon Bay, N.Z.  
Device for drawing off liquids from tins.
- No. 26782.—23rd October.—W. Sneer, West Elizabeth, U.S.A.  
Power motor.\*
- No. 26783.—20th October.—J. Sherlock, Westport, N.Z.  
Tip-draw lock.
- No. 26784.—21st October.—J. C. Scott, Dunedin, N.Z.  
Means for suspending curtain poles.\*
- No. 26785.—22nd October.—E. Broughton, Auckland, N.Z.  
Playing-cards.
- No. 26786.—22nd October.—J. J. F. Turner, Auckland, N.Z.  
Bicycle-brake.
- No. 26787.—22nd October.—A. Leaf, Matakoho, N.Z.  
Rendering lift-shafts draughtproof.\*
- No. 26788.—25th October.—H. North and Co., Limited, Wellington, N.Z.  
Reinforcement for wire mattresses. (H. North.)
- No. 26789.—25th October.—H. S. Clark, Napier, N.Z.  
Clip for spare wheels of motor-cars.
- No. 26790.—25th October.—R. J. McLeod and J. W. List, Petone, N.Z.  
Acetylene generator.
- No. 26791.—25th October.—H. A. Scott, Palmerston North, N.Z.  
Heating and sterilising milk.
- No. 26792.—31st July.—J. T. Walker, Wanganui, N.Z.  
Producing perpetual motion and power.
- No. 26793.—26th October.—A. H. Cotton, Hokianga, N.Z.  
Producing power by means of a machine.
- No. 26794.—26th October.—W. R. Bevan, Belvedere, Eng., and D. T. Morley, of Welling, Eng.  
Nut-lock.\*
- No. 26795.—30th March.†—W. E. Goss, Perth, W.A.  
Acetylene-gas generator.\*
- No. 26796.—26th October.—A. K. Cox, London, Eng.  
Concentrator.\* (G. L. Whitcombe.)
- No. 26797.—26th October.—E. Jaspersen, Palmerston North, N.Z.  
Pulley-attachment for hand separators.
- No. 26798.—27th October.—F. Pratt, Christchurch, N.Z.  
Cooling-chamber.\*
- No. 26799.—27th October.—J. Robertson, Hunterville, N.Z.  
Window-sash attachment.
- No. 26800.—27th October.—O. E. Fulley, Wellington, N.Z.  
Centrifugal pump.
- No. 26801.—27th October.—E. D. Holt, Thames, N.Z.  
Tool for use with wire fencing.\*
- No. 26802.—27th October.—E. J. Mahood, Melbourne, Vic.  
Mineral-agitator.\*
- No. 26803.—27th October.—C. W. Nance, Sydney, N.S.W.  
Exhausting-appliances.\*
- No. 26804.—27th October.—A. Weaver, Riverslea, N.Z.  
Apparatus for drying wool.\*
- No. 26805.—27th October.—M. A. Goodfellow, Carlton, Vic.  
Card-playing board.

## Complete Specifications filed after Provisionals.

**L**IST of complete specifications filed after provisional specifications, from the 15th to the 29th October, 1909, inclusive:—

- No. 25412.—United Shoe Machinery Company, inserting fastenings. (L. A. Casgrain.)
- No. 25476.—G. L. Pearson, well-boring appliance.
- No. 25477.—W. G. Dart, billiard dining-table.
- No. 25478.—P. T. Sheedy, drill and ridge scarifier.
- No. 25482.—E. H. Brooker, seed-dresser.
- No. 25484.—S. G. Roseman, broom-handle fastener.
- No. 25497.—A. Edmond, spectacles.
- No. 25504.—J. Coutts and A. H. Davies, electric cable-connector.
- No. 25784.—L. Healy, vehicle-lifting jack.
- No. 25889.—E. L. Pearse, bicycle toe-clip.
- No. 26318.—J. Edwards and W. G. Bowden, boiler feed-pump.
- No. 26352.—A. Lyell, apple-parer.
- No. 26488.—W. S. Bayston, neutralising fumes in blasting operations. (W. Burgess.)

## Notice of Acceptance of Complete Specifications.

Patent Office,  
Wellington, 3rd November, 1909.

COMPLETE specifications relating to the under-mentioned applications for Letters Patent have been accepted, and are open to public inspection at this office. Any person may, at any time within two months from the date of this *Gazette*, give me notice in writing of opposition to the grant of any such patent. Such notice must set forth the particular grounds of objection, and be in duplicate. A fee of 10s. is payable thereon.

The copies of claims and extracts from the specifications and drawings are merely intended to give some further indication of the invention than is disclosed in the title, and the complete specifications and drawings should be referred to for a description of the invention.

No. 25075.—12th October, 1908.—WILLIAM PETER SWAN MACGREGOR, of Wendonside, Farmer, and EDWARD CRICHTON REID, of Ravensbourne, Engineer, both in the Dominion of New Zealand. Improvements in wire-strainers.\*

*Extract from Specification.*—A leading feature of the invention is a piece of wire provided with oblong loops at each end, the wire being bent to a suitable shape for the purpose of embracing the reel called a retaining-staple.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 4s.)

No. 25225.—17th November, 1908.—FRANCIS OWEN, of Taumarunui, New Zealand, Plumber. An improved oven-shelf.\*

*Claims.*—(1.) In oven-shelves, a stand provided with a bored bush in its upper side, and a shelf having a boss secured to the centre of its underside and formed with a downward extension fitting into the bore of the bush and adapted to rotate therein, substantially as specified. (2.) The improved oven-shelf constructed and operating substantially as described, and as illustrated in the drawings.

(Specification, 2s.)

No. 25236.—18th November, 1908.—ALEXANDER WALKER REID, of Miranda Street, Stratford, Taranaki, New Zealand, Engineer. Improved vacuum pump for milking-machines.\*

*Claims.*—(1.) A vacuum pump of the kind described, comprising in combination a base having an inlet, a cylinder secured to the base, integrally cast brackets upon the cylinder, plunger-blocks secured to the brackets, a crank-shaft journaled in the plunger blocks, a trunk plunger fitting the cylinder and connected to the crank by a connecting-rod, and a plate having a central hole and secured to the plunger, a leather disc valve secured to the plunger by the said plate and having holes around the hole in the plate, as set forth.

[NOTE.—Here follow three other claims.]

(Specification, 3s. 6d.)

No. 25395.—29th December, 1908.—WALTER SEIFERT, of Palmerston North, New Zealand, Flax-miller. Improved means for use in the treatment of flax and like fibres.\*

*Extract from Specification.*—I wish it to be understood, therefore, that I do not claim the exclusive right to spray flax after stripping, as such is not my invention, but that my invention consists in the spraying of such flax after stripping, and while hung upon horizontal poles or the like, for a comparatively great length of time, so that the whole of the colouring matter, and the red stain usually found in the butt ends of the blades, is washed out.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 4s.)

No. 25413.—7th January, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Augustus Amos Ball, jun., of Lynn, Essex, Massachusetts aforesaid, Draftsman). Improvements in or relating to sole-moulding, sole-laying, sole-levelling, or other sole-pressing or like machines.\*

*Claims.*—(1.) In a sole-pressing machine having a reciprocating head on which a moulding-form moves transversely, a lever mounted on the head for imparting transverse movements to the form, and a device connected, through a cam-slot and pin or otherwise, with the lever to actuate it by the relative movement between the head and device produced in the reciprocation of the head. (2.) In a sole-pressing machine having a reciprocating head on which a moulding-form moves transversely, a device (for example, 14) which is not only mounted on that head and movable to effect the transverse motion of the moulding-form occurring relatively to said device and to the co-operating form, but is provided with an actuator (for example, 18) consisting of a positively-moved element of a pressure-applying toggle. (3.) In a sole-pressing machine, the mechanism substantially as described with reference to the drawings for moving a moulding-form transversely upon a reciprocating head.

(Specification, 8s.)

No. 25414.—7th January, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Edward Neale Preble, of Beverly, Massachusetts aforesaid, Foreman). Improvements in or relating to pressure-applying machines for use in the manufacture of boots and shoes.\*

*Claims.*—(1.) For a sole-pressing machine having in combination upper and lower sole moulding-forms, a heel-gauge, and a sole-gripping device mounted in fixed position (for example, with the aid of devices such as 21, 23) with relation to the lower form, but independently thereof so as to permit the independent removal of the lower form or of the heel-gauge with the sole-gripper. . . . (5.) For a sole-pressing machine, the combination with a support (for example, 36) which is maintained always at a constant level with relation to one of the forms, of a heel-gauge mounted upon said support and adjustable to different levels so as to adapt it for use with forms of different heights and devices (for example, 39 and 40), which act to hold the gauge in adjusted position, but which are constructed to yield readily when pressure is exerted upon the gauge by the operator in changing the adjustment.

[NOTE.—Here follow five other claims.]

(Specification, 15s.)

No. 25415.—7th January, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Walter Otis Wheeler, of Worcester, Massachusetts aforesaid, Engineer; Erastus Edwin Winkley, of Lynn, Massachusetts aforesaid, Mechanical Engineer; and John Clark Smith, of Lynn aforesaid, Roadman). Improvements in or relating to lasting and like machines.\*

*Claims.*—(1.) In a shoe-lasting machine, pincer-jaws for seizing the stock, means for imparting an overdraw movement or an updraw and overdraw movement to said pincer-jaws, and means for rotating said pincer-jaws about an axis extending in the general direction of the overdraw movement. . . . (5.) In a shoe-lasting machine having grippers and mechanism for causing them to grip an upper, combined with means for relatively actuating the grippers and the last to updraw and overdraw the upper, and mechanism for turning the grippers about two axes extending in the general direction of the updrawing and overdrawing movements respectively.

[NOTE.—Here follow three other claims.]

(Specification, 12s. 6d.)

No. 25417.—7th January, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of William George Eaton, of Boston, Massachusetts aforesaid, Roadman). Improvements in or relating to machines for rounding or trimming the soles of boots and shoes.\*

*Claims.*—(1.) In a sole-rounding machine having a pattern, a rounding-knife, and driving-mechanism comprising a high-speed driver and a low-speed driver for causing a relative motion of travel between the knife and the contour of the pattern, the employment of devices operating automatically during the travel of the knife about the pattern to change from the high-speed driver of the driving-mechanism to the low-speed driver, and then back to the high-speed driver, or from low to high and back to low. (2.) For a sole-rounding machine provided with means for causing a rounding-knife to travel with relation to the contour of a pattern at a variable speed which is relatively low as the knife is passing the toe end of the pattern, the provision of additional means operating automatically to effect a slowing-down of the speed of the driving-mechanism as the knife is passing the ball-line of the pattern. (3.) For a sole-rounding machine, a speed-controlling device—for example, cam 109 moving with the knife—for changing the speed from high to low and back to high in a fractional part of the total circuit of the knife to slow down the knife for a predetermined interval.

[NOTE.—Here follow eight other claims.]

(Specification, £1 5s.)

No. 25474.—21st January, 1909.—GEORGE SOLLITT, of Hastings, Hawke's Bay, New Zealand, Architect. Improvements relating to venetian blinds.

*Extract from Specification.*—According to my invention the blind is raised by a roller revolved by an internal spring after the manner of the well-known spring-roller blind. Thin metal tapes passing over guide-rollers are employed in place of the pulley-cords usually employed for raising the slats, and the angling of the slats or louveres is effected by a cord passing around a sheave fixed to the top slat, to which slat ladder-tapes are fixed in the ordinary way. The said ladder-tapes pass over guide-rollers and have a portion cut out to provide a passage for the metal tapes referred to.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 2s. 9d.)

No. 25478.—21st January, 1909.—PATRICK THOMAS SHEEDY, of Heddon Bush, New Zealand, Blacksmith. An improved drill and ridge scarifier.\*

*Claims.*—(1.) In drill and ridge scarifiers, the combination, with a frame adapted to be drawn along above the ridges, of scarifying knives or blades secured to the frame, and so arranged and shaped as to work over the whole surface of the ridges on each side of the plants thereon, substantially as specified. (2.) The improved drill and ridge scarifier constructed, arranged, and operating substantially as described and explained, and as illustrated in the drawings.

(Specification, 2s. 9d.)

No. 25484.—23rd January, 1909.—SAMUEL GEORGE ROSEMAN, of Auckland, New Zealand, Brushmaker. Improved means for use in securing broom-handles in the heads.\*

*Claims.*—(1.) The improved means for use in securing broom-handles in the heads, consisting in a metal wedge-block adapted to lie within the handle socket of the head and formed of a number of radiating arms each one of which is made of vertical wedge-shape and with a sharp top edge, substantially as specified. (2.) The improved means for use in securing broom-handles in the heads, substantially as described and explained, and as illustrated in the drawings.

(Specification, 2s. 6d.)

No. 25664.—9th March, 1909.—CHARLES CHEERS WAKEFIELD, of 27 Cannon Street, London, England, Merchant. Improvements in or relating to the treatment of calcium-carbide.

*Extract from Specification.*—According to this invention powdered calcium-carbide is treated with a mixture of hot sulphur and sugar before forming the cakes.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 3s.)

No. 25761.—27th June, 1908.—WILLIAM HENRY JOHNSON, of 24 and 26 Lever Street, Manchester, England, Metal Merchant and Manufacturer. Improvements in reinforcing material or bonds for brickwork.

[NOTE.—This is an application under the International and Inter-colonial Arrangements, the date given being the official date of the application in Great Britain.]

*Claim.*—The reinforcing material or bond for brickwork comprising the straight, parallel, longitudinal, or warp wires *a*, which are adapted to take the longitudinal tensile strain, and the weft wires *b*, which are twisted round the longitudinal wires *a* to form a conical mesh, substantially as described and as illustrated by the drawings.

(Specification, 2s. 6d.)

No. 25889.—28th April, 1909.—EDWIN LANCELOT PEARSE, of Wellington, New Zealand, Leather-worker. An improved toe-clip for bicycle-pedals.\*

*Claims.*—(1.) A toe-clip for bicycle-pedals consisting of a length of leather or the like formed with concentrically curved edges and with strap extensions upon its end, hooks secured upon such extensions, and apertures in the clip adapted to receive such hooks, substantially as specified. (2.) The improved toe-clip for bicycle-pedals, substantially as described and explained, and as illustrated in the drawings.

(Specification, 2s.)

No. 25990.—29th May, 1909.—RICHARD SORENSON, of Hastings, Hawke's Bay, New Zealand, Coach-builder. Shifting-seat Bradley gig.\*

*Claims.*—(1.) The combination with a Bradley gig, of a sliding-seat provided with a covering-strip, substantially as specified and illustrated in the drawing. (2.) In a Bradley gig with a shifting-seat, the employment of a covering-strip to mask the opening between the back of the vehicle and seat when the latter is shifted forward, substantially as specified and illustrated.

(Specification, 2s. 6d.)

No. 26364.—5th August, 1909.—ALEXANDER WALKER REID, of Miranda Street, Stratford, New Zealand, Engineer. An improved teat-cup for milking-machines.

*Extract from Specification.*—A teat-cup made according to my invention has a metal casing tubular in shape and with both ends contracted. A flexible lining made of plain rubber tubing, and of a diameter corresponding to the contracted ends of the casing, is folded over each of said ends. The upper end of the lining is retained by a cylindrical mouth-piece made with a flaring mouth and rounded rim to fit neatly and comfortably against the udder. The cylindrical part of the mouth-piece is grooved so that it fits upon the interior of the lining and upon the exterior of the fold thereof. The lower end of the lining is retained by a cap having a nipple adapted to receive the end of a flexible tube leading to a vacuum vessel. A tube in the side of the casing is adapted to receive the end of a flexible tube leading to a pulsator.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 3s.)

No. 26556.—9th September, 1909.—HANS SIEGWART, of 3 Sempacherstrasse, Lucerne, Switzerland, Architect. An improved process and apparatus for the production of cylindrical and like bodies from concrete.

*Extract from Specification.*—According to the present invention the aforesaid bodies are formed by applying concrete on a core or mandrel in the form of a narrow strip which is wound helically around such core or mandrel, the concrete both during and after its actual application to the core being subjected to a considerable degree of pressure. In carrying the invention into effect the application of the concrete upon the aforesaid core is effected by means of an endless band or belt to which the concrete is supplied and by which it is applied to the core. The core is of such construction that it may, after the formation of the hollow body, be removed. Apparatus embodying the invention, whilst capable of construction in various forms, may be broadly stated to comprise the application of concrete or mortar under pressure to a core, the means preferably used comprising an endless band or belt supported and driven in any suitable manner, means being provided whereby the tension of the band may be adjusted so as to subject the concrete to considerable pressure as aforesaid as it is applied to the core. The concrete may either be supplied to the band by hand or automatically, and the necessary adjustments of the band and other parts may also be either performed by hand or automatically. Provision is made whereby longitudinal, and, if desired, helical wire reinforcements may be applied.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 2s. 6d.)

No. 26557.—9th September, 1909.—CHARLES EDWIN HIBBERD, of 47 Victoria Street, Westminster, London, S.W., England, Director. Improvements in and relating to coin-freed mechanism.

*Extract from Specification.*—An important part of the invention is the mechanism by which the inserted coin is controlled so that, upon the movement of the operating handle, the desired movement is given to the commodity-controlling means. This mechanism may be applied to electricity, gas, or other meters, or to any coin-freed mechanism, and consists of a pair of vertical leaves or plates pivoted together, and adapted when closed to permit the insertion of the coin between them, and by suitable projections on the insides of the leaves to arrest the coin in a predetermined position therein. When adapted for taking any of a series of different-valued coins, each different kind is arrested in a different predetermined position within the coin-holder. The leaves are adapted to be rotated by the operating handle until one of them is stopped by the engagement of the coin with a stop, the movement of this leaf being communicated to the commodity-controlling means. A further movement of the handle moves the other leaf forward and ejects the coin. A further important feature of this invention lies in the arrangement, when applied to an electricity-meter, of the means for controlling the switch and the means for producing a dimming effect upon the light or lights prior to the cut-off of the current, as a warning to the consumer.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 14s.)

No. 26558.—9th September, 1909.—JOHN RICHARD WILLIAMS, Consulting Metallurgist, HENRY WENTWORTH BRADLEY, Engineer, and BENJAMIN BRADLEY, Gentleman, all of The Woods, Grenoside, Sheffield, York, England. Improvements in obtaining zinc and [or] copper from complex ores or the like and in electrolytic cells especially applicable thereto.

*Claims.*—(1.) A process for the separation of zinc and [or] copper from silicate containing ores, consisting in subjecting the same to the action of a very dilute solution of sulphuric acid, substantially as described. (2.) A process for the separation of zinc and [or] copper from ores, consisting in subjecting the same to the action of a slightly acid solution of zinc and [or] copper sulphate, preferably of low concentration but of such strength that substantially the zinc or copper, or zinc and copper, principally dissolve, substantially as described. . . . (5.) An electrolytic cell particularly applicable to the process claimed in claim 2, comprising readily removable electrodes and spacing-means with or without twice as many anodes as cathodes and with or without anode-protecting shields, substantially as and for the purposes described. . . .

[NOTE.—Here follow three other claims.]

(Specification, 12s. 6d.)

No. 26580.—14th December, 1908.—JAMES LOUDON BUCHANAN, of "Craigard," Queen's Park Parade, Northampton, England, Technical Chemist. An improved manufacture of soap.

[NOTE.—This is an application under the International and Intercolonial Arrangements, the date given being the official date of the application in Great Britain.]

*Extract from Specification.*—The main feature of my invention is the blending of a suitable soda soap or soaps made by any of the usual and known processes (preferably one mainly composed of coccoanut-oil soap) with a potash salt or soap made by combining or saponifying resin or colophony with any suitable potash salt, such as potassium hydrate or potassium carbonate.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 4s.)

No. 26591.—15th September, 1909.—ARTHUR YANCEY, a Mechanical Engineer, and a citizen of the United States of America, residing at Biloxi, Harrison, Mississippi, whose post-office address is 155 Benachi Avenue, Biloxi, Mississippi. Method and apparatus for shucking crustacea.

*Claims.*—(1.) The method of separating the meaty matter from the shell of crustacea, which consists in denuding the body portion of its back shell and appendages; in dividing the portion to be shucked, on a line transversely of the lobes or cells; in securing the shell portion on a suitable support which will permit the free escape of said meaty matter; and finally creating a removing force directed substantially in alignment with the lobes or cells for removing said meaty matter while restraining the shell. . . . (5.) Apparatus for shucking crustacea characterized in that the shell of the crustacea is held against displacement on a mechanical support while the meaty matter is removed by a force disposed substantially in alignment with the disposition of the lobes or cells of the fish. . . .

[NOTE.—Here follow eleven other claims.]

(Specification, 14s.)

No. 26592.—15th September, 1909.—EDWIN LLEWELLYN HOLLY, of Katanning, Western Australia, Farmer, and ALFRED ERNEST RADFORD, of Bermuda, Broomehill, Western Australia, Farmer. Collapsible transport crate.

*Claim.*—A transport crate of the collapsible character described, having its sides as *a*, and its ends as *b*, hinged at *a1* and *b1*, said sides having hinged extensions or leaves as *d*, which when brought together form the top of the crate, said crate being adapted to be locked by a pin as *e*, either when used as a crate as seen in Fig. 2, or when as folded up as seen in Fig. 3, all substantially as and for the purposes herein set forth, and as illustrated in the drawings.

(Specification, 2s. 3d.)

No. 26594.—15th September, 1909.—THORGER SCHEIE, of the Village of Spy Hill, Saskatchewan, Canada, Farmer. Extension rims for traction-engine wheels.

*Extract from Specification.*—It consists essentially in a circular rim, and tapering bars secured to the rim and to the traction-engine wheel detachably, the parts being arranged and constructed as more particularly described.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 6s.)

No. 26604.—15th September, 1909.—WILLIAM GOODWIN, of Christchurch, New Zealand, Farmer. Improved means for use in sowing vegetable and other seeds.

*Claims.*—(1.) Means for use in sowing seeds, comprised by a trough formed of side members constructed and hinged together in such a manner as to form a closed angular bottom when opened on their hinges, and to provide a slot or opening between their bottom edges when closed together on their hinges, in combination with a flat board or plate formed with notches in its edges, adapted to be secured to the inside surface of one of the trough members, and to extend along the opening formed between the bottoms of such members when they are closed together, substantially as specified. (2.) The improved means for use in sowing vegetable and other seeds, constructed and operated substantially as described and explained, and as illustrated in the drawings.

(Specification, 3s. 6d.)

No. 26606.—15th September, 1909.—ALFRED GEORGE JACKSON, of Stephens Road, South Brisbane, Queensland, Australia, Electrical Engineer. Improvements in mechanism for turret clocks and the like.

*Extract from Specification.*—I attain my object in the case of the going mechanism by dispensing with the great wheel and barrel usual with ordinary clocks, and attach the cord and weight to short barrel or wheel on the arbor next above this, which comprises generally the minute arbor of the clock-mechanism, and connected in the usual way by pawl and ratchet wheel. As this spindle revolves once in the hour it may be used conveniently as a means to switch on the electric current to the winding-motor once each revolution, or it could be satisfactorily done by the fall of the weight at any convenient period of time.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 5s.)

No. 26608.—14th September, 1909.—SAMUEL LEVY, of 213 Princes Street, Dunedin, New Zealand, Expert Brewer. Device for removing sediment from beer and wine barrels and the like.

*Claims.*—(1.) A device for removing sediment from beer and wine barrels and the like, comprising the combination with a siphon of a mouthpiece having a restricted opening with serrated edges adapted to be moved over the bottom of the barrel, substantially as described. (2.) A device for removing sediment from beer and wine barrels and the like, constructed, arranged, and adapted to operate substantially as described.

(Specification, 2s.)

No. 26610.—14th September, 1909.—WESLEY CASTLES, of 133 Stanmore Road, Stanmore, near Sydney, New South Wales, Contractor. An improved machine for excavating, raising, and dumping earth, sand, silt, or gravel.

*Extract from Specification.*—The principal features of the invention comprise a horizontal rectangular framing of channel or other suitable bar iron or tubing, having a transversely mounted shaft or axle, the ends of which are fitted within the hubs of combined transport and elevating wheels of novel design; double-ended ploughs for cutting the soil into sods and depositing the latter within the sphere of operation of the said wheels; and elevating earth-belts for conveying the excavated earth to a desired point and there dumping it.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 12s.)

No. 26624.—21st September, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized and existing under the laws of said State of New Jersey, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of John Francis Davey, of Beverly, Massachusetts aforesaid, Inventor). Improvements in or relating to pegging-machines.

*Claims.*—(1.) In a pegging-machine, the combination with an awl and driver, of separate means for operating said awl and driver respectively, a laterally movable carrier for said awl and driver, means for varying the extent of lateral movement of said carrier, a laterally movable horn, and means for varying the extent of movement of said horn to correspond to that of said carrier. (2.) In a pegging-machine, the combination with a laterally movable carrier for the awl and driver having a continuous movement in each direction, of a lever connected with said carrier, a second lever and means for giving the second lever a definite movement at each cycle of operation, and an adjusting connecting device between said levers whereby the point of connection between the levers can be shifted with relation to the fulcrums of both levers, a laterally movable horn, and means for varying the extent of the lateral movement thereof, as set forth. (3.) In a pegging-machine, the combination with an awl, of a hammer, separate means for operating said awl and hammer respectively to cause the awl to penetrate the material and the hammer to drive the peg, a laterally movable carrier for the awl and hammer, a horn or work support, and means for moving said horn laterally towards the awl during the penetrating of the material by the awl.

[NOTE.—Here follow thirty other claims.]

(Specification, £2.)

No. 26625.—21st September, 1909.—MATTHEW MOLONEY, of Ferry Road, Christchurch, New Zealand, Electrical Mechanician. Improvements in telephone transmitters.

*Extract from Specification.*—According hereto the casing of the transmitter contains a metal cylinder insulated from the casing, and having within it a similarly shaped carbon cup carrying a plurality of radially arranged carbon pencils with pointed ends fitting in a groove in a carbon centre stud. The stud has a point which passes through the centre of two carbon washers having between them a number of small shot or pellets. The washers are kept in position by a carbon recessed ring, within which and against the face of the usual metal transmitting diaphragm are located a number of pellets or grains of carbon arranged around the point of the carbon stud, which just clears said diaphragm. A transmission screw insulated from the casing is connected to the cup.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 5s. 6d.)

No. 26631.—22nd September, 1909.—JOHN GILL, of Beechwood Mains, Murrayfield, Edinburgh, Scotland, Gentleman. Improvements in machines for briquetting pulverised or broken coke, coal, mineral ores, and the like.

*Claims.*—(1.) The improved briquetting-machine the feature of which is that two drums are arranged to rotate together, the one drum having upon its periphery a number of spaces or briquette-moulds adapted to contract as the drum revolves, and the other drum adapted to compress the material into the contracting spaces or moulds as the two drums rotate together, substantially as described. (2.) A briquetting-machine in accordance with the first claiming clause hereof, the feature of which is that the sides of the contracting spaces or moulds on the periphery of the mould-drum are formed by blades sliding in and out in slots or grooves in the said drum, and having tapered outer ends, substantially as described. (3.) In a briquetting-machine in accordance with the first and second claiming clauses hereof, a mould-drum *b* with side-plates *s*, radial slots or grooves *f*, blades *g* sliding in the said slots, and fixed cams *t* adapted to move the said blades in and out in the said slots as the drum revolves, combined and operating substantially as described with reference to Figs. 1, 2, and 3 of the drawings. (4.) In a briquetting-machine of the kind described, in combination with the mould-drum *b*, a conveyor-belt *7* bearing against the outer edges of the blades *g* and moving with them, substantially as described. (5.) In a briquetting-machine in accordance with the first and second claiming clauses hereof, the modification of the compressing drum *a* which consists in constructing its periphery with a series of curved projections *12* corresponding to the spaces or moulds on the drum *b*, substantially as and for the purpose described with reference to Fig. 4 of the drawings.

(Specification, 9s.)

No. 26632.—22nd September, 1909.—JAMES THOMAS HUNTER, of 157 Featherston Street, Wellington, New Zealand, Registered Patent Agent (nominee of the Printing Machinery Company, Limited, of 188 Fleet Street, London, England—assignees of Henry Alexander Wise Wood, of Metropolitan Building, 1 Madison Avenue, New York, United States of America, Engineer). Improvements in apparatus for casting stereotype printing-plates.

*Extract from Specification.*—The principal objects of the present invention are to provide means whereby the two parts of the casting-box may be separated in a convenient and simple manner by a rocking motion without having any change in the character of motion of the part which carries the plate (said part being positively guided), without involving the use of complicated machinery suitable only for large plants, and at the same time to provide means whereby the plate may be automatically separated from the casting-box and delivered, preferably by gravity, in a convenient and simple manner into a position where it will be readily accessible and from which it may be removed at leisure; also to provide an efficient guiding-device for the movable member of the box, a simple and effective clamping arrangement to secure the core in casting position, so constructed that it can be employed to unlock the core and at the same time serve as a handle to separate the parts of the box without necessitating the employment of two handles for these two purposes, or any unnecessary manipulation of the parts; to provide means for returning the devices for separating the plate from the box to normal position when the parts of the box are brought together; and generally to improve and simplify the construction of casting-devices of this general character.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, £1.)



No. 26633.—22nd September, 1909.—WILLIAM O'BRIEN, of Auckland, New Zealand, Carpenter. Improvements in ice-chests.

*Claims.*—(1.) In ice-chests, the combination with an ice-receptacle in the upper part of the chest, of a series of tanks arranged around the inside walls of the storage-chamber, and connected with each other and with the ice-receptacle by means of pipe connections so disposed and arranged as to provide for a passage from the ice-receptacle through each water-tank in turn, substantially as specified. (2.) The improvements in ice-chests substantially as described and explained, as illustrated in the drawings, and for the purposes set forth.

(Specification, 2s. 6d.)

No. 26644.—25th September, 1909.—CHARLES ORME BASTIAN, of 32 The Avenue, Brondesbury Park, London, England, Electrical Engineer. Improvements in the methods and means of transforming electrical energy into heat energy.

*Claims.*—(1.) A device for transforming electrical energy into red-heat energy wherein the enclosure or support (for containing or supporting the resistance) is made of quartz, or equivalent substance as defined, whereby very high temperatures (as, for example, 1,000° C. or more) may be obtained, substantially as and for the purposes described. (2.) A device for transforming electrical energy into red-heat energy in accordance with claim 1, wherein the resistance and the said enclosure or support therefor are in surface contact with one another at the working temperature. (3.) A device for transforming electric energy into red-heat energy in accordance with claim 1 or claim 2 hereof, wherein the resistance is covered or [and] supported by an enclosure or support of minimum weight which does not exceed 0.15 grammes per watt and advantageously does not exceed 0.025 grammes per watt. (4.) A device for transforming electric energy into red-heat energy in accordance with claim 1 or claim 2 or claim 3 hereof, wherein the total weight of the resistance and enclosure or support covering or [and] supporting said resistance does not exceed 0.225 grammes per watt and advantageously does not exceed 0.05 grammes per watt. (5.) In a device for transforming electrical energy into red-heat energy, the combination with an enclosure, in accordance with any of the foregoing claims, of a removable resistance arranged to fit closely or approximately the interior of said enclosure, substantially as and for the purposes described. (6.) In a device for transforming electrical energy into red-heat energy, the combination with a resistance as specified of a tube of the shortest possible length closely or approximately fitting over the resistance, said tube being of a bore not exceeding three-sixteenths of an inch internal diameter, all substantially as and for the purposes described. (7.) A device for transforming electric energy into red-heat energy comprising a resistance of a suitable material arranged in or on an enclosure or support in accordance with claim 1, the whole being devised in such a way that on the passage of the electric current as large a proportion as possible of the electric energy is converted into heat between the lines A and D on the spectrum, and that the working equilibrium is attained in as short a time as possible. (8.) A stove for warming or cooking purposes provided with an electrical heating-device constructed in accordance with any of the foregoing claims, substantially as described.

(Specification, 17s. 6d.)

No. 26647.—28th September, 1909.—JAMES THOMAS HUNTER, of 157 Featherston Street, Wellington, New Zealand, Patent Agent (nominee of Robert French Thompson, of 88 Cromwell Road, Wimbledon, Surrey, England, Engineer). Improvements in and connected with the smoke-boxes of boilers of the locomotive type.

*Claims.*—(1.) A smoke-box of a locomotive-boiler provided with a V-shaped pivoted deflector situated behind the blast-pipe and in front of the smoke-box tube-plate, and a series of baffle-plates arranged in front of the blast-pipe and in the vicinity of the smoke-box door. (2.) In a smoke-box of the kind described, the employment of a pivoted V-shaped deflector behind the blast-pipe, and having deflecting-wings adapted to throw down any live cinders which may strike them.

[NOTE.—Here follow nine other claims.]

(Specification, 10s.)

No. 26648.—28th September, 1909.—FRIEDRICH CARL WILHELM TIMM, of Hamburg, Wandsbeckerchaussee 86, Germany, Engineer. Process and apparatus for the production of metals.

*Claims.*—(1.) Process for the production of metals, especially such as are easily volatilised, by conducting the smelted raw material through a furnace filled with red-hot pieces of fuel, characterized by heat being alternately abstracted from the column of red-hot pieces of fuel by the fluid mass trickling through the same with reduction of the metal, and added to the fuel by a supply of air, the fluid raw material being cut off while the air is being supplied. (2.) A method of carrying out the process specified in claim 1, characterized by the gases of the blowing period, with a further supply of air, being utilised for melting down raw material consisting of small pieces in a reverberatory furnace. (3.) Apparatus for carrying out the process specified in claims 1 and 2, characterized by several similar furnaces communicating alternately with each other in such a manner that the gases produced by blowing in one furnace, together with a further supply of air, are used to melt down raw material in another furnace having a reducing-space situated below the melting-space. (4.) Apparatus for carrying out the process specified in claims 1 and 2, characterized by the fact that an outlet-pipe is arranged in the interior of the furnace for carrying off the gases formed during the blowing period, and that the apertures for the supply of the air producing the heat required for smelting are situated above those for blowing. (5.) Methods of and means for production of metals, substantially as described, and as illustrated by the drawings.

(Specification, 8s.)

No. 26650.—1st October, 1908.—STEPHEN JOHN PHILLIPS, of Glencoe West, South Australia, Railway Ganger. An improved cutting and cauterizing device.

[NOTE.—This is an application under the International and Inter-colonial Arrangements, the date given being the official date of the application in Australia.]

*Claims.*—(1.) An improved cutting and cauterizing device comprising a movable cutter or knife to which heat is continuously applied, arranged within a framing working against and automatically returned with a return spring. (2.) In a cutting and cauterizing device, the combination of a movable cutter or knife to which heat is continuously applied, and a bed-plate or cutting-block suitably supported one above the other in such manner that upon each depression the cutting-edge of the cutter or knife is continuously applied, and a bed-plate or cutting-block, to be automatically and expeditiously returned by a suitable return spring, substantially as described. (3.) In a cutting and cauterizing device, the combination with a movable cutter or knife (such as A) having an inside bevelled cutting-edge (such as A') of an operating lever or handle (such as B) pivotally connected within a supporting framing (such as C) having a return spring (such as D), substantially as described and for the purposes indicated.

(Specification, 3s. 6d.)

No. 26651.—28th September, 1909.—The Honourable CHARLES ALGERNON PARSONS, of Heaton Works, Newcastle-on-Tyne, Northumberland, England, Engineer. Improvements relating to turbines.

*Extract from Specification.*—This invention relates to improvements in partial-admission turbines of the type in which there is provided in front of each ring of rotating blades a segment of guide-blades in which a drop of pressure occurs, and the turbine is divided into separate elements, each comprising a bladed drum working within a separate chamber in which only a small drop in the pressure of the working-fluid is allowed. The object of the invention is to reduce the length of such turbines and to avoid the skin-friction and losses by spilling of the working-fluid from the steam-passage into the chambers which occur in such turbines. The first part of this invention consists in a partial-admission turbine of the type above referred to, in which the segmental guides are arranged to pass working-fluid two or more times either in one direction only or to and fro through the rotating blades in one or more of the separate chambers, only a small pressure-drop being permitted in each chamber. The invention further consists in a modification of the partial-admission turbine according to my Patent No. 25402, the feature of the modification being that the working-blades are made of crescent formation instead of the formation characteristic

of Parsons' blading; otherwise the turbine is the same as is set out in the former application above numbered. I am aware, of course, that turbines have often been proposed in which the steam operates several times upon one disc or row of blades. Such turbines, however, have not been successful, for several reasons, one being that by the constructions hitherto proposed the leakage has always been excessive, and another being that the drop of pressure dealt with on the disc or wheel has been so considerable as to involve serious loss in condensation and re-evaporation consequent upon the blades being alternately immersed in cool wet steam at low pressure and in the hot steam at high pressure. In the present invention, however, the drop of pressure per chamber is so small that the losses by spilling and by condensation and re-evaporation are reduced to a very small amount. The drop in pressure must not in any circumstances exceed that occasioned by an expansion of about four volumes, and it is preferably not more than that occasioned by an expansion of two volumes.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, £1.)

No. 26652.—28th September, 1909.—JAMES FREDERICK JÆVNE, of Gisborne, New Zealand, Ship-chandler. Improvements in animal-covers.

*Claims.*—(1.) In animal-covers, a hinged metal band secured to the front edge of the cover and adapted to fit over the wither of the animal, substantially as and for the purposes specified. (2.) In animal-covers, a hinged metal band secured to the front edge of the cover and adapted to fit over the wither of the animal, in combination with a pair of straps secured at their respective forward ends to the bottom ends of the band, and each adapted to be passed across through a ring upon the cover on the opposite side of the animal, and then rearward between the animal's hind legs across to the first side of the cover, and to be fastened thereto, substantially as specified. (3.) The improvements in animal-covers substantially as described and explained, and as illustrated in the drawings.

(Specification, 2s. 9d.)

No. 26656.—27th September, 1909.—ROBERT WILLIAM MILLAR, of Tay Street, Roslyn, Dunedin, New Zealand, Station-manager, and HENRY BARKER WADE, of Tweed Street, Littleburn, Dunedin aforesaid, Gentleman. Improved milking-apparatus.

*Claims.*—(1.) In apparatus for milking cows, a tapered ferrule and an annular guard in combination with metal insertion-tubes and rubber teat-connections, substantially as and for the purpose set forth and as illustrated. (2.) In apparatus for milking cows, the combination and arrangement of parts comprising our improved milking-apparatus, substantially as set forth, and as described and illustrated in the drawing.

(Specification, 2s.)

No. 26664.—29th September, 1909.—GEORGE HUIE, of Benambra Estate, Culcairn, New South Wales, Australia, Station-manager, and JOHN GLASSOP, of Culcairn aforesaid, Shire Clerk. Collapsible crate for rabbits and hares.

*Claims.*—(1.) In a crate for the carriage of rabbits and hares, the method of construction by building up a series of side and end bars or staves bored and hinged on iron rods at each of the four corners so as to enable the crate to be folded or opened at pleasure; also the cross or suspending bars similarly bored and hinged on iron pivots to enable same to be folded or unfolded, substantially as described. (2.) In a crate for the carriage of rabbits and hares, the use of the telescopic spring constructed, fixed, and adjusted as described for the purpose of opening or closing a collapsible crate and retaining the same rigidly open or closed, substantially as described. (3.) The general arrangement and construction of a collapsible crate for rabbits and hares as described and shown by the drawings.

(Specification, 4s.)

No. 26673.—1st October, 1909.—RICHARD H. PHELAN, Mill-manager, WILLIAM M. PARSONS, Locomotive Engineer, and AXEL ENGLEBERT JANSEN, Carpenter, all of Mokai, Auckland, New Zealand. An improved self-lubricating pedestal bearing for axles of trucks, trolleys, and the like.

*Claims.*—(1.) In the improved self-lubricating pedestal bearing for axles of trucks, trolleys, and the like, the hollow box or lubricating-chamber fitted to pedestal and filled with saturated cotton-waste in the manner and for the purpose set forth, as described and illustrated. (2.) In the improved self-lubricating pedestal bearing for axles of trucks, trolleys, and the like, the same having, in combination, recesses and T-shaped slots formed in such pedestal bearing, a hollow box or lubricating-chamber filled with cotton-waste saturated with oil, said hollow box having lugs and flanges or wings formed thereon, said flanges or wings having bolt-holes therein, and bolts connecting said hollow box to said pedestal bearing, said pedestal bearing having recesses for antifriction-metal and being formed with sloping edges with recesses in said sloping edges, for the purpose set forth, as described and illustrated. (3.) In the improved self-lubricating pedestal bearing for axles of trucks, trolleys, and the like, the application, arrangement, and combination of the different parts specified, for the purpose set forth, as described and illustrated.

(Specification, 3s. 6d.)

No. 26677.—4th October, 1909.—ALBERT THEODORE THOMPSON, Watchmaker, and ISAAC GOODWIN, Pork Butcher, both of New Plymouth, New Zealand. Improved means for use in hanging pictures and the like.

*Claims.*—(1.) In means for hanging pictures or the like, the combination, with a rigid hanging-frame pivotally connected to the picture, of a metal sleeve or a number of sleeves pivotally attached to such hanging-frame, a wire rod passing longitudinally through each sleeve formed with a bottom end adapted to fit beneath the bottom edge of the picture, and means for fastening such rod in the sleeve, substantially as specified. (2.) The improved means for use in hanging pictures or the like, constructed and operating substantially as described and explained, and as illustrated in the drawings.

(Specification, 3s.)

No. 26682.—6th October, 1909.—THOMAS MARSHALL SMITH, of 225E German Street, Baltimore, Maryland, United States of America, Inventor. Improvements in invalid-lifters.

*Extract from Specification.*—My invention relates to invalid-lifters, and is characterized by the employment of a plunger raised or lowered by hydraulic pumping-appliances, and having a horizontal arm attached thereto, with supporting-means for the patient suspended from said arm, the arm and plunger being rotatably mounted to turn into different positions, the horizontal position of the arm being always maintained and the suspension-means being preferably characterized by a carriage movable along the arm having a horizontal beam connected thereto by a strain-distributing fifth wheel or turntable, and having horizontally maintained swivelled cross-arms from which the flexible chains or supports depend, the apparatus being supported by a stationary base or preferably by extensible legs, which are locked in extended position when the horizontal patient-supporting arm is free to swing in its horizontal plane, and which are collapsed for the transporting of the apparatus only when the horizontal arm is brought into its position of safety against tipping of the apparatus, and there locked.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 14s.)

No. 26691.—7th October, 1909.—EDWARD ALFRED CHAPMAN, of Christchurch, New Zealand, Upholsterer. Improvement in couches.

*Claims.*—(1.) In couches, forming the arm-frames of two side members loosely mounted upon an axle arranged transversely across the couch-frame, a concentric arrangement of suitably spaced holes wherein a bolt which is slidably secured to the couch-frame is adapted to enter, substantially as and for the purpose specified. (2.) The improvement in couches substantially as described and explained, and as illustrated in the drawings.

(Specification, 2s. 3d.)

No. 26698.—8th October, 1909.—JOHN LENTON HILLS, Railway Employee, of 1278 Hare Street, Kalgoorlie, Western Australia. Improvements in locomotive ash-pans.

*Extract from Specification.*—I form the bottom of my ash-pan with a series of horizontal transverse pivoted plates or doors placed in echelon—that is, having their edges overlapping one another—each plate or door being capable of turning into a vertical or nearly vertical position, such movement being controlled and performed by means of a system of levers. The ash-pan is provided with a damper at both ends, each of which is operated by a suitable lever connected therewith.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 6s. 6d.)

No. 26712.—12th October, 1909.—JAMES HOWARD, of Makaretu, Hawke's Bay, New Zealand, Inventor. Improved multiple-wire strainer.

*Extract from Specification.*—According to my invention, I employ a light collapsible and adjustable framework, in which are mounted two vertical rollers, one upon each side of the straining-post, and two horizontal rollers on the front of the post. The wires to be strained are passed through the straining-post and are coiled upon the rollers when the latter are revolved by means of levers.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 3s.)

No. 26721.—12th October, 1909.—ALEXANDER LUMSDEN SCHRAM, of Hillsboro, Montgomery, Illinois, United States of America, Manufacturer. Closures for jars and similar vessels.

*Extracts from Specification.*—One object of this invention is to produce a practical and reliable closure of this type for fruit-jars and analogous vessels, having an air-vent passage which will not puncture or injure the rubber gasket, and which is made in stamping or drawing the cover into form and without requiring a special additional operation. Another object of the invention is to so form the cover and secure the gasket thereto that the gasket will extend upwardly into the cover in conical form, thereby making it practically impossible for the edge thereof to catch under the lip of the jar, and so that the gasket assists in centring the cover on the jar. Still another object of the invention is to improve jar-closures of this sort in the respects described and set forth in the claims.

[NOTE.—The above extracts from the specification are inserted in place of the claims.]

(Specification, 10s. 6d.)

No. 26728.—14th October, 1909.—FREDERICK DE GROSSE, of 90 George Street, Fitzroy, Victoria, Australia, Fitter. An automatic machine sheep-shearer.

*Extract from Specification.*—The improved machine briefly comprises a travelling elevating-device which is designed to support a sheep in an inverted manner within a framing constructed of an endless double rack arranged in a zigzag formation so as to enable it to encompass the entire body of the animal being shorn. Mounted inside the double rack surrounding the sheep is a cutter-carrying appliance which is adapted to traverse the entire rack by means of suitable gearing actuated from any convenient source. The said gearing operates the cutter-carrying appliance so as to cause it to traverse from one end of the double rack to the other, and simultaneously actuates the cutting portion of the appliance to remove the wool from the sheep.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 15s.)

No. 26730.—14th October, 1909.—WILLIAM STANFIELD, of 22 Platt Street, Moss Side, Manchester, England, Electrical Engineer, and JOHN JOSEPH HATT, of 410 London Road, South Lowestoft, Suffolk, England, Electrical Engineer. Improvements in and relating to magnet windings of electromagnetic apparatus.

*Extract from Specification.*—According to this invention, a small winding may be put on the field or other magnet in opposition to the main winding, and a resistance having a temperature coefficient differing from that of the material

of which the windings are composed is connected in series with the main winding. By suitably proportioning the windings and the resistance, the magnetization of the field is rendered constant, as will be hereinafter explained. The invention provides in the case of dynamos driven from the axles of railway vehicles, and therefore at variable speeds, for combinations of windings and resistance to produce constant voltage at the terminals of the generator between certain limits of speed. In this case an auxiliary generator is combined with the main generator, and resistances are so combined with the field winding of the auxiliary that during a gradual increase of speed from a minimum to a maximum it either first assists the field of the main generator to a gradually decreasing degree until a certain voltage is reached, after which it automatically reverses and opposes the main generator to a gradually increasing degree, or it gradually decreases the strength of the main generator field while the speed increases from a minimum to a maximum. In either case constancy of voltage of the main generator is attained. In the case of a booster the invention provides combinations of windings and resistances having temperature coefficients such that the booster either preserves constancy in the current supplied to a battery, or preserves constancy in the voltage applied to translating-devices by that battery.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, 18s. 6d.)

No. 26742.—14th October, 1909.—MARSHMAN WILLIAMS HAZEN, of 453 West 42nd Street, New York City, New York, United States of America, Manufacturer. Typewriting-machines.

*Extract from Specification.*—This invention relates more particularly to a typewriting-machine in which some of the parts are adapted to be folded over so that the machine will occupy a comparatively small space. The primary object of the invention is to provide a simple and efficient machine in which the plates, carriage, the escapement and the ribbon mechanisms may be moved vertically to adapt each type to have a plurality of characters thereon, and the parts so arranged that they may be folded over above the keys to cause the same to occupy less space than when in use, for transportation and other purposes; to provide a machine which is very simple in construction, which may be made very light, weighing but a few pounds, and which has the parts accessible and capable of being easily repaired.

[NOTE.—The above extract from the specification is inserted in place of the claims.]

(Specification, £2 10s. 6d.)

No. 26748.—14th October, 1909.—EDWIN LLEWELLYN HOLLY, of Katanning, Western Australia, Farmer. Knee-grip attachment for holding milking-buckets in usable position.

*Claims.*—(1.) In milking-buckets, the attachment of hinged wings or rests as *d* having rectangular limit-stops as *e*, all as held in the brackets as *b*, secured to the bucket, substantially as and for the purposes set forth, and as illustrated in the drawings. (2.) In milking-buckets, the use of a separate or intermediate ring as *c*, to which is hingably secured the wings as *d*, all substantially as and for the purposes set forth, and as illustrated in the drawings.

(Specification, 2s. 6d.)

No. 26764.—16th October, 1909.—ST. PAUL CORNET COMPANY, of 518 New York Life Building, City of St. Paul, Ramsey, Minnesota, United States of America (assignee of Karl Wessel, Mechanical Engineer, of 518 New York Life Building, St. Paul, Minnesota, United States of America). Machine for making ice-cream cones.

*Claims.*—(1.) In a pastry-machine, series of mould-sections travelling in superposed endless circuits located entirely outside of each other, the mould-sections co-operating and the circuits being substantially coincident throughout the upper run of the lower circuit and the lower run of the upper circuit. (2.) In a machine such as described, co-operating endless series of bars, each carrying mould-sections, said series being arranged in superposed relation, and having substantially coincident runs. (3.) In a machine such as described, an endless movable series of interconnected elements carrying mould-sections, a series of loose elements also carrying mould-sections, and means to place said loose elements individually in co-operation with the interconnected elements, and then remove them from such co-operation.

[NOTE.—Here follow five other claims.]

(Specification, 11s. 6d.)

No. 26766.—11th November, 1908.—ANDREW LOUGHNAN, of 408 Collins Street, Melbourne, Victoria, Australia, Commission Agent. An improved collapsible wardrobe.

[NOTE.—This is an application under the International and Intercolonial Arrangements, the date given being the official date of the application in Australia.]

**Claims.**—(1.) For the purpose indicated, the combination of two frames hinged together and a roof-piece hinged to and supported by the frames, means in the roof upon which clothes can be hung, and a curtain-rod suspended between the frames, as described and illustrated. (2.) For the purpose indicated, the combination of three frames that are hinged together and a roof-piece hinged to the back frame and supported upon the side frames, depending hooks in the roof, and a curtain-rod suspended between the side frames, as described and set forth. (3.) The general arrangement, construction, and combination of parts as specified, and operating in the manner and for the purposes set forth.

(Specification, 2s. 9d.)

No. 26787.—22nd October, 1909.—ALFRED LEAF, of Matakohe, Auckland, New Zealand, Millwright. Means for rendering lift-shafts draught-proof and freer from danger.

**Claims.**—(1.) In means for rendering lift-shafts draught-proof and freer from danger, the fitting the two doors by hinges to the floors of the building within the shaft guide-bars so that they will rest in grooves and on ledge-formations provided in the floors, attaching the lower ends of rods to said two doors, swingingly connecting upper ends of said rods to lower ends of cams, said cams being fulcrumed to said shaft guide-bars, and recessing said shaft guide-bars for said doors to recede into, in the manner and for the purpose set forth, as described and illustrated. (2.) In means for rendering lift-shafts draught-proof and freer from danger specified, the two doors hinged to floors and fitted to be operated in the manner and for the purpose set forth, as described and illustrated. (3.) In means for rendering lift-shafts draught-proof and freer from danger, the arched upward projection fitted to cage in the manner and for the purpose set forth, as described and illustrated. (4.) The application, arrangement, and combination of the different parts specified, in the manner and for the purpose set forth, as described and illustrated.

(Specification, 4s.)

Copies of drawings may be obtained at the uniform price of 1s. each. In exceptional cases this price may be increased at the discretion of the Office.

An asterisk (\*) denotes the complete specification of an invention for which a provisional specification has been already lodged.

NOTE.—The cost of copying the specification has been inserted after the notice of each application. An order for a copy or copies should be accompanied by a post-office order or postal note for the cost of copying.

The date of acceptance of each application is given after the number.

Extracts from the drawings accompanying the foregoing complete specifications appear at the end of this Gazette.

J. C. LEWIS,  
Registrar.

#### Provisional Specifications accepted.

Patent Office,  
Wellington, 3rd November, 1909.

APPLICATIONS for Letters Patent, with provisional specifications, have been accepted as under:—

- No. 26516.—O. R. Youngusband, wood-substitute.
- No. 26538.—W. G. Hancox, spouting-bracket.
- No. 26544.—F. E. Gurney, push-cart.
- No. 26562.—J. Wilson, extension-table.
- No. 26579.—J. Williams, easy-chair.
- No. 26588.—F. McLaughlin, push-cart.
- No. 26593.—T. A. Wells, G. L. Hooper, and W. J. Monkhouse, apparatus for cleaning and oiling tramway-rails.
- No. 26613.—V. R. Johns, tennis-racquet.
- No. 26621.—M. Arnold, strainer.
- No. 26635.—F. B. K. McArthur, cradle and perambulator.
- No. 26638.—F. S. Cooze, letter-clip.
- No. 26663.—R. Rayburn, seed and fertiliser attachment.
- No. 26666.—S. D. McMiken, treatment of ores.
- No. 26674.—J. Ellis, game.

- No. 26675.—W. Mason, sheep-shearing machinery.
- No. 26678.—W. N. G. Parry, boring rock.
- No. 26680.—A. N. Barrett and H. G. Finnerty, means of operating tramway-points.
- No. 26683.—G. H. Deeley and T. W. Deeley, automatic gate.
- No. 26685.—C. S. Trillo, means for locking doors and windows.
- No. 26690.—J. Leonard, wall-bracket.
- No. 26697.—J. Cartwright, means for enabling a blasting charge to be fired by a squib and detonator.
- No. 26699.—H. Greig, flax-stripper beater-bars.
- No. 26701.—J. Bain, animal-trap.
- No. 26702.—G. Gray, means for setting hand levers.
- No. 26703.—W. Withell and H. Fisher, flying-machine.
- No. 26704.—E. J. Walsh, means for actuating semaphores.
- No. 26706.—G. H. Lindstrom, tanning-material and tanning.
- No. 26707.—R. A. Dexter, motor-wheels.
- No. 26708.—A. H. Cotton, air-ship.
- No. 26709.—F. J. Northcutt and C. M. Lewin, milking-machine.
- No. 26711.—R. Natusch, potato-digger.
- No. 26713.—H. N. Mills, sen., sheep-brand. (H. N. Mills, jun., and W. S. Mills.)
- No. 26715.—W. Reeves, tobacco-cutter.
- No. 26723.—G. Walker and C. R. Bell, bleaching *Phormium tenax*.
- No. 26726.—J. Law, stripping flax.
- No. 26727.—L. McCarthy, stripping flax.
- No. 26729.—P. Wright, charcoal kiln or retort. (R. Wright.)
- No. 26732.—United Shoe Machinery Company, sole-machine. (H. W. Winter.)
- No. 26733.—United Shoe Machinery Company, nail-distributing machine. (A. Bingham and W. Pratt.)
- No. 26734.—United Shoe Machinery Company, shoe-machine. (E. P. Nichols.)
- No. 26735.—United Shoe Machinery Company, boot and shoe machine. (J. V. Allen.)
- No. 26736.—United Shoe Machinery Company, boot and shoe machine. (J. H. Brown and J. Gouldbourn.)
- No. 26741.—W. T. Luxton and J. H. Luxton, wire-strainer.
- No. 26745.—W. D. Scown and M. Scown, polishing-composition.
- No. 26758.—W. B. Topp, spouting-bracket.
- No. 26762.—A. Eng, means for automatically agitating milk.
- No. 26773.—E. Moss, fire-alarm.

[NOTE.—Provisional specifications cannot be inspected, or their contents made known by this office in any way, until the complete specifications in connection therewith have been accepted.]

#### Letters Patent sealed.

LIST of Letters Patent sealed from the 15th to the 29th October, 1909, inclusive:—

- No. 24190.—J. E. L. Cull, electrical smelting-furnace.
- No. 24258.—E. C. Austin, spirit-level.
- No. 24605.—T. Martyn, window-sash.
- No. 24610.—H. Morgan, pontoon for current-motor.
- No. 24622.—A. H. Poole, hair-pad.
- No. 24628.—Andrews and Beaven, Limited, chaff-cutter mouth. (W. Andrews, F. O. Andrews, A. W. Beaven.)
- No. 24635.—R. Frew, bowling game.
- No. 24642.—A. G. Tomkies, sheet-metal-cutting tool.
- No. 24646.—A. H. Anderson and H. C. Ell, suction dressing-apparatus of threshing-machines.
- No. 24666.—E. L. Barton, document-file.
- No. 24734.—W. Seifert, flax, &c., treatment.
- No. 24802.—W. Houliker, cask, &c.
- No. 24821.—W. H. McGeever, staff-working of railways.
- No. 24886.—C. E. Gane, milking-machine.
- No. 24944.—A. Chalas, recovering nickel from siliceous ores.
- No. 24994.—C. W. Merrill, precipitating and recovering materials from solution.
- No. 25090.—C. Stott and T. W. Brownlee, totalisator.
- No. 25151.—J. K. Toles, fibre-cleaning apparatus.
- No. 25160.—J. C. Russell and A. F. Lord, splicing-ear for electricity-conductors.
- No. 25165.—J. C. Russell and A. F. Lord, section-insulator.
- No. 25206.—J. Lomas, apple-grading apparatus.
- No. 25248.—G. S. Ackley, brake-chain-winding mechanism.
- No. 25296.—The Metals Extraction Corporation, Limited, zinc-separation. (W. Hommel and H. L. Sulman.)
- No. 25346.—H. E. Smith, carburetter.
- No. 25369.—G. A. Bennett and J. A. Smith, pneumatic tire.
- No. 25372.—T. Hawkins, chamber-pot and slop-pail.
- No. 25373.—Maxim Silent Firearms Company, gun-charge silencer. (H. P. Maxim.)
- No. 25374.—A. Thomas, reinforcing-bar.

- No. 25397.—De Dion Bouton (1907), Limited, bevel-gear pressure-bearings. (A. De Dion and G. Bouton.)
- No. 25406.—W. H. Bird, pneumatic tire.
- No. 25407.—J. Hutchings, internal-combustion engine.
- No. 25408.—J. Hutchings, apparatus for supplying combustible fluid under constant pressure.
- No. 25409.—British Fixator, Limited, preventing accidental movement of rotating parts. (L. B. de Laitte and H. M. Carter.)
- No. 25435.—J. Henrichsen and C. J. Hemmingsen, milking-appliance.
- No. 25455.—Oliver-Roche Company, water-filter. (J. Roche and A. Oliver.)
- No. 25456.—Oliver-Roche Company, water-purifier. (J. Roche and A. Oliver.)
- No. 25463.—United Centadrink Manufacturing Company, automatic carbonating and vending apparatus. (H. Pein.)
- No. 25491.—D. Honeywood and G. Payne, ore, rock, &c., crusher.
- No. 25511.—International Typewriter Company, type-writing-machine. (C. S. Nickerson.)
- No. 25521.—J. G. Henrich, siphon, &c., stopper.
- No. 25526.—W. White, locomotive, &c., boiler washing and filling.
- No. 25560.—National Wrapping-machine Company, wrapping-machine. (J. M. Patterson.)
- No. 25591.—Makemaskinekompagniet Patent Gandil, Limited, milking-machine adjusting-device. (E. V. Gandil.)
- No. 25595.—A. J. Arbuckle and A. Osborne, separating crushed ore products from liquids.
- No. 25605.—S. Bendle, D. I. Smith, and T. B. H. Thorne, wine-preparation.
- No. 25628.—W. S. Potter, manganese steel rail and rolling process.
- No. 25630.—W. V. Watson, metal-extraction.
- No. 25631.—W. V. Watson, precipitation of metals from solution.
- No. 25662.—A. H. Pollen, J. G. Holbourns, and W. Fletcher, typographical composing-machine magazine.
- No. 25676.—J. Taylor, hat and sweat band.
- No. 25677.—C. E. Martin, rotary pump.
- No. 25698.—Forni Elettrici Stassano Societa Anonima, electric furnace. (E. Stassano.)
- No. 25712.—W. Dalziel, hay-press.
- No. 25722.—C. B. Askew, dredge.
- No. 25732.—J. E. Gee and E. Gee, floor, &c., washing apparatus.
- No. 25759.—B. Hastings, rock-drill.
- No. 25760.—R. W. Ralph, picture, advertisement, &c., displaying device.
- No. 25787.—R. Blakoe, muscle-developer.
- No. 25794.—E. R. Royston, stamping-machine.
- No. 25827.—S. Sutton, rock-drill-operating mechanism.
- No. 25830.—H. Pape, zinc-oxide preparation.
- No. 25902.—L. Melva, hat-pin.
- No. 25911.—G. McMullen, L. Dyer, and R. P. Vincent, steel-fibre concrete.
- No. 25936.—G. E. Andrews and S. W. Lack, can-jointing material.
- No. 25940.—F. Walsh, hydro-pneumatic isosynchronous time-communicator. (P. Postto.)
- No. 26026.—E. Rolfe, composition for preventing decay of teeth.
- No. 26045.—I. Moscicki, gas-treating apparatus.
- No. 26077.—A. Rosenberg, process of depositing metals on metallic surfaces.
- No. 26079.—W. A. F. Bleek, primary battery.
- No. 26092.—A. J. Ostberg, leather-board substitute.
- No. 26117.—F. Lloyd and S. Weaver, telephone accessory.
- No. 26213.—E. S. Baldwin, wire garment-stays. (The Spirella Company—M. M. Beeman.)

#### Letters Patent on which Fees have been paid.

[NOTE.—The dates are those of the payments.]

#### SECOND-TERM FEES.

- No. 19796.—W. Middleton and H. N. G. Cobbe, grinding faces for pans. 27th October.
- No. 19922.—E. Taylor, syphon. 20th October.
- No. 20200.—W. Morton and J. Hercus, ventilating-sash. 16th October.
- No. 20239.—A. Ridd, teat-cup. 26th October.
- No. 20256.—A. McDonald, strainer. 26th October.
- No. 20311.—Aktiebolaget Separator, centrifugal separator. (B. Ljungstrom.) 20th October.
- No. 21515.—W. E. Heys and R. Macpherson, detergent. 26th October.

#### THIRD-TERM FEES.

- No. 15575.—T. Cossar, printing-machine. 30th October.
- No. 15624.—F. G. Sargood and A. H. Sargood, rug for cows, &c. (J. Burge.) 27th October.
- No. 15637.—G. Inglis, glazing corrugated iron. (A. Jewiss and G. Inglis.) 25th October.

#### Subsequent Proprietors of Letters Patent registered.

[NOTE.—The name of the former proprietor is given in brackets; the date is that of registration.]

- No. 20047.—Arthur William Oswald Davies, of Auckland, New Zealand, Surveyor's Assistant, registered as Proprietor of one-half share upon the terms and conditions set out in deed. Non-refillable bottle. (F. Blackburn and J. Robertson.) 21st October, 1909.
- No. 22154.—Leslie John Cooper, of Illawarra Road, Auburn, Victoria, Australia, Ironmonger, registered as Proprietor of one undivided third share. Power-gear. (R. J. Fry.) 21st October, 1909.
- No. 22154.—Duncan Fraser Smith, the younger, and Emery Gould Smith, both of Flinders Street, Melbourne, Victoria, Australia, Ship-chandlers, registered as Proprietors of the one undivided third share of Leslie John Cooper. Power-gear. (R. J. Fry.) 21st October, 1909.
- No. 22533.—James Hurl and Co., Limited (a company duly incorporated and carrying on business in Sydney, in the State of New South Wales, Australia). Septic treatment of sewage. (H. W. Wormal and J. Minto—A. J. Joseph.) 19th October, 1909.
- No. 25160.—Note of agreement between Jacob Charles Russell, of Ohio Road, Superintendent of Overhead Lines, and Albert Frederick Lord, of Todman Street, Line Inspector, both of Brooklyn, Wellington, New Zealand, and the Mayor, Councillors, and Citizens of Wellington aforesaid, with reference to the supply of splicing-ears according to invention entered on Register. 22nd October, 1909.
- No. 25165.—Note of agreement between Jacob Charles Russell, of Ohio Road, Superintendent of Overhead Lines, and Albert Frederick Lord, of Todman Street, Line Inspector, both of Brooklyn, Wellington, New Zealand, and the Mayor, Councillors, and Citizens of Wellington aforesaid, with reference to the supply of section-insulators according to invention entered on Register. 22nd October, 1909.
- No. 25229.—Linotype and Machinery, Limited, of 188 and 189 Fleet Street, London, England. Typographical composing-machine. (J. T. Hunter—Linotype and Machinery, Limited—H. Pearce and J. E. Billington.) 14th October, 1909.
- No. 26213.—The Spirella Company, of Meadville, Pennsylvania, United States of America. Machine for making wire garment stays. (E. S. Baldwin—The Spirella Company—M. M. Beeman.) 25th October, 1909.

#### Notice of Request to amend Specification.

Patent Office,  
Wellington, 4th November, 1909.

REQUEST for leave to amend the undermentioned application for Letters Patent has been received, and is open to public inspection at this office. Any person may, at any time from one month from the date of this Gazette, give me notice in writing of opposition to the amendments. Such notice must set forth the particular grounds of objection, and be in duplicate. A fee of 10s. is payable thereon.

No. 25884.—A. R. Angus.—Device for preventing railway collisions. (Advertised in Supplement to *New Zealand Gazette*, No. 51, of the 17th June, 1909.)

The nature of the proposed amendments is as follows:—

- (1.) On page 4—to insert the words "one of" after "track," and "said" after "which," line 14; to insert "being" instead of "are" line 15, and "or a battery" after "accumulator," line 15; to insert "last-mentioned plate" instead of "relative plates," line 17; and to insert "or a battery" after "accumulator," line 22.
- (2.) On page 9—to insert the words "or battery" after "accumulator," line 25; "is connected" instead of "passes," line 26; and "with" instead of "through," line 27.
- (3.) On page 10—to insert the words "is also connected with" instead of the words "also passes through," line 12.
- (4.) On page 14—to alter "negative" to "positive," line 29.
- (5.) On page 15—to alter "40" to "49," line 18; and to insert "thence" after "terminal 50," line 21.
- (6.) On page 17—to strike out the words "not shown in the drawings," line 33; and to insert the following after the words "and also," line 34: "lowers a duplicate rotating-rod 69 at B, which last-mentioned rod is previously raised as locomotive is on terminus area at A and passes over a relative fixed rod not shown in Fig. 6 of the drawings, but part of the wire connecting same is shown in Fig. 6, and at the same time raises the."
- (7.) On page 18—to strike out the word "thence," line 13, and to insert "also" after "current," line 14; to insert "also" instead of "thence," line 32, and "branch" before "wire," line 32.
- (8.) On page 19—to insert "also" instead of "thence," line 7; "and raises same" after "letter D," line 10; "also" after "current," and "a branch" before "wire," line 21; and "69" instead of "27," lines 22 and 23.

(9.) On page 20—after "letter E," line 25, to insert "at the same time lowers duplicate rod 069 at F previously raised when locomotive was on area at G."

(10.) On page 26—to alter "70" to "070," line 5.

(11.) In the drawings—to insert one of the reference numbers as "59" instead of "58," Fig. 5, and to alter Fig. 6 by inserting additional lines, &c., and the following note: "Instead of two or more return wires merging into a common return wire to the rail each return wire is carried direct to the rail."

The applicant states: "My reason for making the amendment is for the purpose of more fully describing and illustrating the invention."

J. C. LEWIS,  
Registrar.

#### Request for Correction of Clerical Error in Application for Letters Patent allowed.

THE request for correction of clerical error in specification No. 25374—Thomas, reinforcing-bar (advertised in Supplement to *New Zealand Gazette*, No. 78, of the 23rd September, 1909)—has been allowed.

#### Applications for Letters Patent abandoned.

LIST of applications, with which provisional specifications only have been filed, abandoned (*i.e.*, complete specifications not lodged) from the 16th to the 29th October, 1909, inclusive:—

- No. 25347.—G. S. Dahlgren, cream-separator.
- No. 25351.—P. W. Fryer, straw-elevator.
- No. 25356.—G. T. and H. H. Stewart, automatic variable pulley.
- No. 25358.—A. J. Whett and J. L. Thornton, brick-making composition.
- No. 25359.—E. P. Hughes, see-saw.
- No. 25363.—D. P. Hendriksen, seat-attachment to go-cart.
- No. 25364.—J. Forsyth and T. Lawrence, household cooler.
- No. 25367.—O. W. Alman-Marchant and W. Diack, umbrella.
- No. 25377.—A. Cannell, revolving show-stand.
- No. 25381.—F. E. Darling, silver-coating fluid.
- No. 25383.—S. F. Haughey, inflating pneumatic tires of vehicles.
- No. 25384.—F. H. Trevellian, machine for ruling and preparing paper ribbons.
- No. 25385.—H. F. Cameron, water-closet pan.
- No. 25388.—F. O. von Rome and G. Hutchinson, meat-safe.
- No. 25391.—A. Walker and M. W. Marriage, removing sand from castings.
- No. 25392.—F. Stubbs, hot-water-circulating system.
- No. 25394.—J. M. Madden, motive-power transmitter.

#### Erratum.

The entry of No. 25327 in *Gazette* No. 88, of 21st October, 1909, should be altered to read: "No. 25327.—W. E. Swain, window."

#### Applications for Letters Patent void.

APPLICATIONS for Letters Patent, with which complete specifications have been lodged, void owing to non-acceptance of such complete specifications, from the 16th to the 29th October, 1909, inclusive:—

- No. 24682.—T. Martyn, flooring and matchboard joint.
- No. 24696.—A. Macarthur, California thistle exterminating composition.

#### Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 16th to the 29th October, 1909, inclusive:—

- No. 24307.—N. Astrella, blanket-retainer.
- No. 24308.—J. Strassmeyer, attaching side rails to bed-posts.

#### Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 16th to the 29th October, 1909, inclusive:—

#### THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 19748.—T. R. Moses, draught and dust excluder.
- No. 19749.—E. Rains, race-starting barrier.
- No. 19750.—H. Fitch, placer mining apparatus. (J. L. Weaver.)
- No. 19760.—J. R. Hatmaker, milk food.

- No. 19766.—P. S. Triggs, disintegrating-machine.
- No. 19776.—R. Dunne, frame-cramp.
- No. 19778.—J. Dunbar, handle-grip.
- No. 19789.—E. V. Jones, advertising-device.
- No. 19792.—G. M. Scott, sash-hanger.
- No. 19793.—H. Quertier, trolley-pole.
- No. 21513.—R. Brown, operating electric switches.

#### THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 15091.—J. K. Stewart, sheep-shearing machine, &c.
- No. 15124.—The Flameless Gaslight Company, Limited, incandescent lighting. (W. Hooker.)
- No. 15144.—F. S. Potter, vehicle-spring.

#### THROUGH EXPIRY OF TERM.

- No. 7995.—J. G. Oates, windmill.
- No. 7997.—J. W. McHale, calculating-device.

#### Designs registered.

DESIGNS have been registered in the following names on the dates mentioned:—

- No. 493.—G. W. Hunton, of Christchurch, New Zealand. Class 10. 2nd September, 1909.
- No. 494.—J. Hislop, of Dunedin, New Zealand. Class 5. 20th October, 1909.
- No. 495.—A. Kohn, of Auckland, New Zealand. Class 1. 25th October, 1909.

#### Applications for Trade Marks filed.

LIST of applications for registration of Trade Marks filed from the 15th to the 28th October, 1909, inclusive:—

- No. 8315.—15th October.—The New Departure Manufacturing Company, Bristol, U.S.A. Class 13.
- No. 8316.—15th October.—R. and E. Tingey and Co., Limited, Wellington, N.Z. Class 1.
- No. 8317.—16th October.—F. Curtis, Auckland, N.Z. Class 3.
- No. 8318.—16th October.—J. Edmond, Dunedin, N.Z. Class 13.
- No. 8319.—16th October.—Ludford, Kirby, and Co., Christchurch, N.Z. Class 47.
- Nos. 8320 and 8321.—16th October.—Ellis and Manton, Wellington, N.Z. Class 47.
- No. 8322.—18th October.—Neill and Co., Limited, Christchurch, N.Z. Class 4.
- No. 8323.—18th October.—G. A. Coles and Co., Limited, Auckland, N.Z. Class 38.
- No. 8324.—18th October.—W. H. Harris, Kaiwarra, N.Z. Class 50.
- Nos. 8325 and 8326.—18th October.—Gollin and Co. Proprietary, Limited, Wellington, N.Z. Classes 47 and 48.
- No. 8327.—19th October.—F. Longdon and Co., Limited, Derby, Eng. Class 11.
- Nos. 8328, 8329, 8330, and 8331.—19th October.—Blacklock and Macarthur, Glasgow, Scot. Classes 1, 4, 47, and 50.
- No. 8332.—19th October.—Finlayson, Bousfield, and Co., Limited, Johnstone, Scot. Class 26.
- Nos. 8333 and 8336.—19th October.—W. Barbour and Sons, Limited, Lisburn, Ireland. Class 26.
- Nos. 8334 and 8337.—19th October.—W. Barbour and Sons, Limited, Lisburn, Ireland. Class 49.
- Nos. 8335 and 8338.—19th October.—W. Barbour and Sons, Limited, Lisburn, Ireland. Class 50.
- No. 8339.—20th October.—The Gramophone Company, Limited, London, Eng. Class 8.
- Nos. 8340 and 8341.—20th October.—Wallace Scott and Co., Limited, Glasgow, Scot. Class 38.
- No. 8342.—21st October.—D. G. Brown, Masterton, N.Z. Class 22.
- No. 8343.—21st October.—Ratjem and Tristram, Napier, N.Z. Class 48.
- No. 8344.—23rd October.—R. Wilson and Co., Limited, Dunedin, N.Z. Class 42.
- No. 8345.—23rd October.—S. S. Ireland, Blenheim, N.Z. Class 50.
- Nos. 8346, 8347, and 8348.—23rd October.—The Stanley Works, New Britain, U.S.A. Class 13.
- No. 8349.—26th October.—Christiania Hestes Kosömfabrik, Christiania, Norway. Class 13.
- No. 8350.—26th October.—W. E. Goss, Perth, W.A. Class 18.
- No. 8351.—27th October.—O'Brien and Knight, Waipori, N.Z. Class 6.
- Nos. 8352 and 8355.—27th October.—Lever Bros., Limited, Balmain, N.S.W. Class 47.
- Nos. 8353 and 8356.—27th October.—Lever Bros., Limited, Balmain, N.S.W. Class 48.
- Nos. 8354 and 8357.—27th October.—Lever Bros., Limited, Balmain, N.S.W. Class 50.
- No. 8358.—28th October.—P. Herous, Christchurch, N.Z. Class 42.

Applications for Registration of Trade Marks.

Patent Office, Wellington, 3rd November, 1909.

APPLICATIONS for registration of the following Trade Marks have been received. Notice of opposition to the registration of any of these applications may be lodged at this office within two months of the date of this Gazette. Such notice must be in duplicate, and accompanied by a fee of £1.

No. of application : 7832.

Date : 12th February, 1909.

TRADE MARK.



The essential particular of this trade mark is the distinctive label.

NAME.

ELLIS AND MANTON, of Stout Street, Wellington, in the Dominion of New Zealand, Merchants.

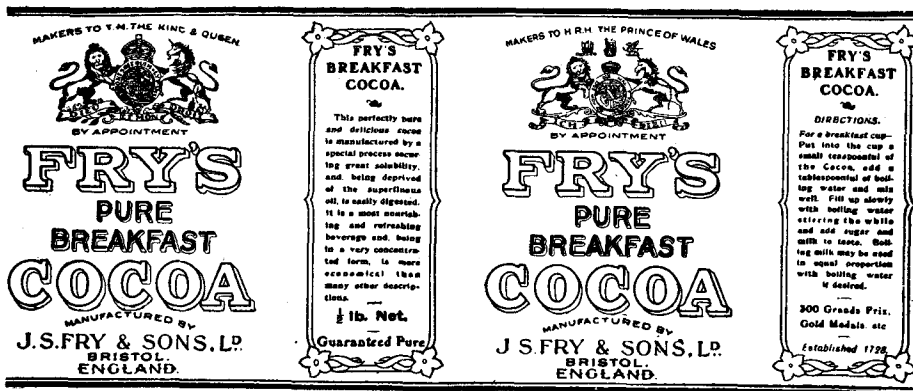
No. of class : 42.

Description of goods : Tea, coffee, cocoa.

No. of application : 8084.

Date : 1st July, 1909.

TRADE MARK.



The essential particulars of the trade mark are the following—(1) the distinctive label, (2) the combination of devices; and the applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their name.

No claim is made to the exclusive use of the Royal Arms.

NAME.

J. S. FRY AND SONS, LIMITED, of 25 Union Street, Bristol, England, Cocoa and Chocolate Manufacturers.

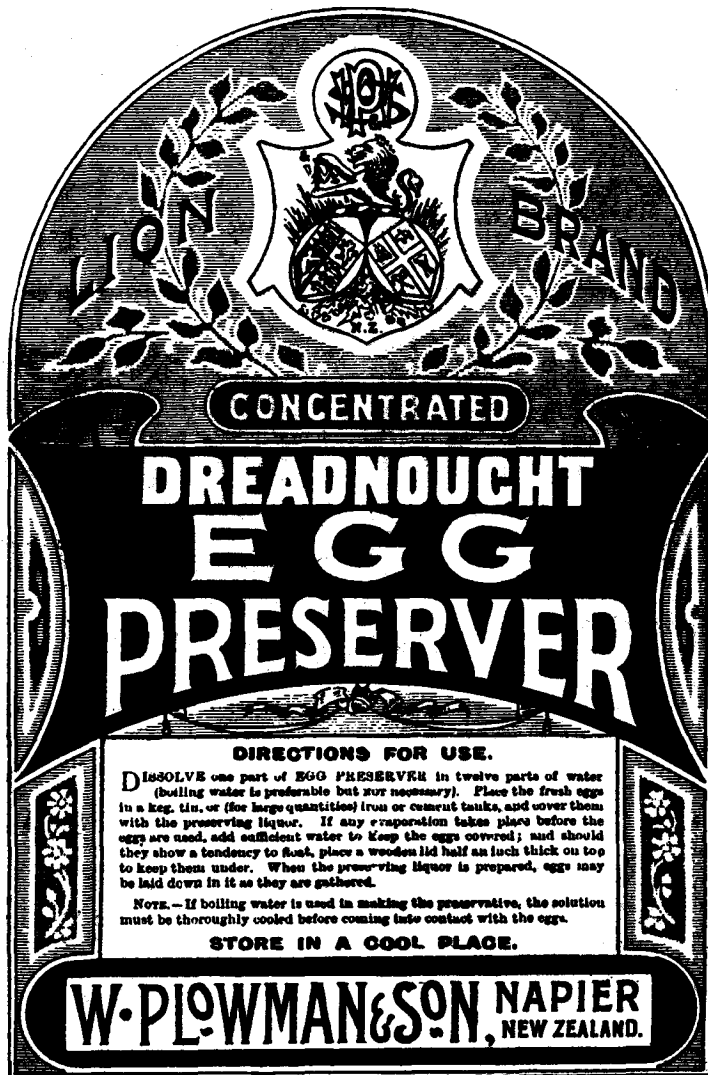
No. of class : 42.

Description of goods : Cocoa.

No. of application : 8249.

Date : 13th September, 1909.

TRADE MARK.



The essential particulars of this trade mark are the distinctive label and the words "Lion" and "Dreadnought"; and applicants disclaim any right to the exclusive use of the added matter, except their name and address.

NAME.

WM. PLOWMAN AND SON, of Napier and Dannevirke, in the Dominion of New Zealand, Manufacturers.

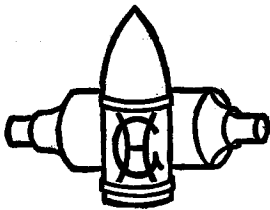
No. of class : 3.

Description of goods: Egg-preservative.

No. of application : 8266.

Date : 22nd September, 1909.

TRADE MARK.



NAME.

FRIED. KRUPP AKTIENGESELLSCHAFT GRUSONWERK, of Magdeburg-Buckau, Germany.

No. of class : 5.

Description of goods: Unwrought and partly wrought metals used in manufacture.

No. of application : 8267.

Date : 22nd September, 1909.

TRADE MARK.

(The mark as shown in preceding notice, No. 8266.)

NAME.

FRIED. KRUPP AKTIENGESELLSCHAFT GRUSONWERK, of Magdeburg-Buckau, Germany.

No. of class : 6.

Description of goods: Machinery of all kinds and parts of machinery, except agricultural and horticultural machines included in Class 7.



No. of application : 8268.  
Date : 22nd September, 1909.

TRADE MARK.

(The mark as shown in preceding notice No. 8266.)

NAME.

FRIED. KRUPP AKTIENGESELLSCHAFT GRUSONWERK, of Magdeburg-Buckau, Germany.

No. of class : 7.

Description of goods : Agricultural and horticultural machinery and parts of such machinery.

No. of application : 8269  
Date : 22nd September, 1909.

TRADE MARK.

(The mark as shown in preceding notice No. 8266.)

NAME.

FRIED. KRUPP AKTIENGESELLSCHAFT GRUSONWERK, of Magdeburg-Buckau, Germany.

No. of class : 13.

Description of goods : Metal goods not included in other classes.

No. of application : 8278.  
Date : 29th September, 1909.

TRADE MARK.

VIVIFIC.  
V

The essential particular of this trade mark is the word "Vivific"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

MARIA MOORE, of Hawera Extension, Hawera, in the Dominion of New Zealand, wife of John Edward Moore, of Hawera Extension, Cooper.

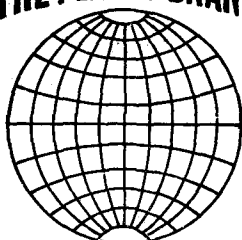
No. of class : 3.

Description of goods : A medicine and ointment.

No. of application : 8288.  
Date : 7th October, 1909.

TRADE MARK.

THE PLANET BRAND



REGISTERED

The essential particulars of this trade mark are the word "Planet" and design; and we disclaim any right to the exclusive use of the added matter.

NAME.

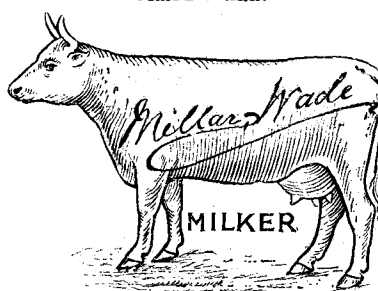
NEILL AND Co., LIMITED, of Lichfield Street, Christchurch, in the Dominion of New Zealand, Merchants.

No. of class : 47.

Description of goods : Ammonia, methylated spirits, and benzine.

No. of application : 8301.  
Date : 14th October, 1909.

TRADE MARK.



The essential particular of this trade mark is the fac-simile signature of the proprietors on the body of a cow; and any right to the exclusive use of the added matter is disclaimed.

NAME.

ROBERT WILLIAM MILLAR, of Tay Street, Roslyn, Dunedin, in the Dominion of New Zealand, Station-manager, and HENRY BARKER WADE, of Tweed Street, Littleburn, Dunedin aforesaid, Gentleman.

No. of class : 7.

Description of goods : Milking-machinery.

No. of application : 8308.  
Date : 14th October, 1909.

TRADE MARK.



NAME.

COMPAGNIE GÉNÉRALE DE PHONOGRAPHES, CINÉMATOGRAPHES, ET APPAREILS DE PRÉCISION, of 98 rue de Richelieu, Paris France.

No. of class : 8.

Description of goods : Cinematographs, phonographs, and other talking-machines.

No. of application : 8314.  
Date : 15th October, 1909

The word

TRADE MARK.

LOTHIAN.

NAME.

HENRY G. CLARKE, of Auckland, Wellington, and Christchurch, in the Dominion of New Zealand, Merchant.

No. of class : 42.

Description of goods : "Lothian" health flour.

No. of application : 8316.  
Date : 15th October, 1909.

The word

TRADE MARK.

LEON-ART.

NAME.

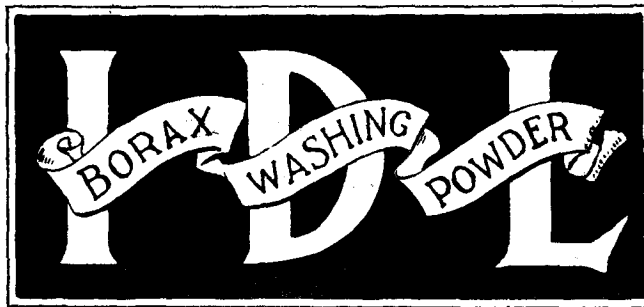
R. AND E. TINGEY AND Co., LIMITED, of Manners Street, Wellington, in the Dominion of New Zealand, Painters and Decorators.

No. of class : 1.

Description of goods : Dyes, stains, pigments, colour-washes, distempers, varnish-stains, wood-polishes.

No. of application : 8319.  
Date : 16th October, 1909.

TRADE MARK.



The essential particular of this trade mark is the distinctive device as shown; and any right to the exclusive use of any added matter is disclaimed.

NAME.

LUDFORD, KIRBY, AND Co., of Christchurch, in the Dominion of New Zealand, Manufacturers.

No. of class : 47.

Description of goods : Washing-powders.

No. of application : 8320.  
Date : 16th October, 1909.

The word

TRADE MARK.

COMET.

NAME.

ELLIS AND MANTON, of Stout Street, Wellington, in the Dominion of New Zealand.

No. of class : 47.

Description of goods : Candles, common soap, starch, blue, and washing-powders for laundry purposes.

No. of application : 8321.  
Date : 16th October, 1909.

The word

TRADE MARK.

PELICAN.

NAME.

ELLIS AND MANTON, of Stout Street, Wellington, in the Dominion of New Zealand.

No. of class : 47.

Description of goods : Candles, common soap, detergents; starch, blue, and other preparations for laundry purposes, such as washing-powders.

No. of application : 8322.  
Date : 18th October, 1909.

TRADE MARK.

(The mark as shown in preceding notice No. 8288.)

The essential particulars of this trade mark are the word "Planet" and design; and any right to the exclusive use of the added matter is disclaimed.

NAME.

NEILL AND Co., LIMITED, of Lichfield Street, Christchurch, in the Dominion of New Zealand, Merchants.

No. of class : 4.  
Description of goods : Turpentine.

No. of application : 8323.  
Date : 18th October, 1909.

TRADE MARK.

*The  
Thamptonian  
Shoe*

The essential particular of this trade mark is the word "Thamptonian"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

G. A. COLES AND Co., LIMITED, of Exmouth Street, Auckland, in the Dominion of New Zealand, Boot-manufacturers.

No. of class : 38.  
Description of goods : Boots, shoes, slippers, and dancing-shoes.

No. of application : 8324.  
Date : 18th October, 1909.

TRADE MARK.

The word

DIAMOND.

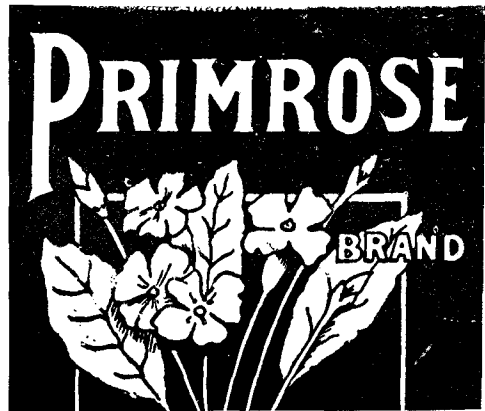
NAME.

WILLIAM HENRY HARRIS, of Kaiwarra, in the Dominion of New Zealand, Currier.

No. of class : 50.  
Description of goods : Leather-polish.

No. of application : 8325.  
Date : 18th October, 1909.

TRADE MARK.



The essential particulars of this trade mark are the flowers and leaves of the primrose and the word "Primrose"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

GOLLIN AND COMPANY PROPRIETARY, LIMITED, of 78 Jervois Quay, Wellington, in the Dominion of New Zealand, Merchants.

No. of class : 47.  
Description of goods : All articles in this class.

[NOTE.—Class 47 is for "Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes, such as washing-powders, benzine."]

No. of application : 8326.  
Date : 18th October, 1909.

TRADE MARK.

(The mark as shown in preceding notice, No. 8325.)

The essential particulars of this trade mark are the flowers and leaves of the primrose and the word "Primrose"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

GOLLIN AND COMPANY PROPRIETARY, LIMITED, of 78 Jervois Quay, Wellington, in the Dominion of New Zealand, Merchants.

No. of class : 48.  
Description of goods : All articles in this class.

[NOTE.—Class 48 is for "Perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap)."]

No. of application : 8327.  
Date : 19th October, 1909.

TRADE MARK.



## NAME.

F. LONGDON AND Co., LIMITED, of Agard Street, Derby, England, Surgical-bandage Manufacturers.

No. of class: 11.

Description of goods: Instruments (medical and surgical), bandages (medical and surgical), elastic stockings (surgical), and other appliances included in this class for surgical purposes.

No. of application: 8328.

Date: 19th October, 1909.

## TRADE MARK.



The essential particulars of this trade mark are the device and the word "Stag"; and any right to the exclusive use of the added matter is disclaimed.

## NAME.

BLACKLOCK AND MACARTHUR, of 165 to 173 West Street, Tradeston, Glasgow, and 102 to 118 Dale Street, Tradeston, Glasgow, Scotland, Manufacturers.

No. of class: 1.

Description of goods: Paints, colours included in this class, varnishes included in this class, and anti-corrosives.

No. of application: 8329.

Date: 19th October, 1909.

## TRADE MARK.

(The mark as shown in preceding notice, No. 8328.)

The essential particulars of this trade mark are the device and the word "Stag"; and any right to the exclusive use of the added matter is disclaimed.

## NAME.

BLACKLOCK AND MACARTHUR, of 165 to 173 West Street, Tradeston, Glasgow, and 102 to 118 Dale Street, Tradeston, Glasgow, Scotland, Manufacturers.

No. of class: 4.

Description of goods: Vegetable, animal, and mineral oils included in this class.

No. of application: 8330.

Date: 19th October, 1909.

## TRADE MARK.

(The mark as shown in preceding notice No. 8328.)

The essential particulars of this trade mark are the device and the word "Stag"; and any right to the exclusive use of the added matter is disclaimed.

## NAME.

BLACKLOCK AND MACARTHUR, of 165 to 173 West Street, Tradeston, Glasgow, and 102 to 118 Dale Street, Tradeston, Glasgow, Scotland, Manufacturers.

No. of class: 47.

Description of goods: Illuminating, heating, and lubricating oils, and grease for lubricating purposes.

No. of application: 8331.

Date: 19th October, 1909.

## TRADE MARK.

(The mark as shown in preceding notice No. 8328.)

The essential particulars of this trade mark are the device and the word "Stag"; and any right to the exclusive use of the added matter is disclaimed.

## NAME.

BLACKLOCK AND MACARTHUR, of 165 to 173 West Street, Tradeston, Glasgow, and 102 to 118 Dale Street, Tradeston, Glasgow, Scotland, Manufacturers.

No. of class: 50.

Description of goods: Putty, varnishes included in Class 50, and wood fillers, being preparations included in Class 50 and not included in other classes.

No. of application: 8332.

Date: 19th October, 1909.

## TRADE MARK.

**Finlayson, Bousfield & Co., Ltd.**

The applicants claim that the said trade mark has been in use by them and their predecessors in business in respect of the articles mentioned for twenty-eight years.

## NAME.

FINLAYSON, BOUSFIELD, AND COMPANY, LIMITED, of Flax Mills, Johnstone, Renfrewshire, Scotland, Flax-spinners and Linen-thread Manufacturers.

No. of class: 26.

Description of goods: Linen and hemp yarn and thread.

No. of application: 8333.

Date: 19th October, 1909.

## TRADE MARK.

The word

**BARBOUR.**

The applicants claim that the said trade mark has been in use by them and their predecessors in business in respect of the articles mentioned for twenty years.

## NAME.

WILLIAM BARBOUR AND SONS, LIMITED, of Lisburn, County Antrim, Ireland, Flax-spinners and Linen-thread Manufacturers.

No. of class: 26.

Description of goods: Linen and hemp yarn and thread.

No. of application: 8334.

Date: 19th October, 1909.

## TRADE MARK.

The word

**BARBOUR.**

The applicants claim that the said trade mark has been in use by them and their predecessors in business in respect of the articles mentioned for twenty years.

NAME.

WILLIAM BARBOUR AND SONS, LIMITED, of Lisburn, County Antrim, Ireland, Flax-spinners and Linen-thread Manufacturers.

No. of class: 49.

Description of goods: Fishing-nets and fishing-lines.

TRADE MARK.

The word

**BARBOUR.**

The applicants claim that the said trade mark has been in use by them and their predecessors in business in respect of the articles mentioned for twenty years.

NAME.

WILLIAM BARBOUR AND SONS, LIMITED, of Lisburn, County Antrim, Ireland, Flax-spinners and Linen-thread Manufacturers.

No. of class: 50 (subclass 7).

Description of goods: Twines.

No. of application: 8335.

Date: 19th October, 1909.

TRADE MARK.



The essential particulars of this trade mark consist of the combination of devices and the word "Twin"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

THE GRAMOPHONE COMPANY, LIMITED, of 21 City Road, in the City and County of London, England, Manufacturers.

No. of class: 8.

Description of goods: Talking-machine records and talking-machine accessories.

No. of application: 8340.

Date: 20th October, 1909.

TRADE MARK.

The words

**DEXTER-GARBINETT.**

NAME.

WALLACE, SCOTT, AND CO., LIMITED, of 27 Cadogan Street, Glasgow, Scotland.

No. of class: 38.

Description of goods: All articles of clothing.

No. of application: 8341.

Date: 20th October, 1909.

TRADE MARK.

The word

**THISTLEDOWN.**

NAME.

WALLACE, SCOTT, AND CO., LIMITED, of 27 Cadogan Street, Glasgow, Scotland.

No. of class: 38.

Description of goods: All articles of clothing.

No. of application: 8343.

Date: 21st October, 1909.

TRADE MARK.

The word

**PEARLOID.**

NAME.

RATJEM AND TRISTRAM, of Napier, in the Provincial District of Hawke's Bay, in the Dominion of New Zealand, Chemists.

No. of class: 48.

Description of goods: Preparations for the teeth.

No. of application: 8345.

Date: 23rd October, 1909.

TRADE MARK.

The word

**KRADIE.**

NAME.

SYDNEY SMITH IRELAND, of Blenheim, in the Dominion of New Zealand, Contractor.

No. of class: 50.

Description of goods: Tan-leather dressing and black-leather dressing.

No. of application: 8346.

Date: 23rd October, 1909.

TRADE MARK.

**800**

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since thirteen years before the 2nd day of September, 1889.

NAME.

THE STANLEY WORKS, a corporation duly organized and existing under and by virtue of the laws of the State of Connecticut, and doing business in the City of New Britain, State of Connecticut, United States of America.

No. of class: 13.

Description of goods: Metal goods not included in other classes; builders' hardware, and particularly hinges.

No. of application: 8347.

Date: 23rd October, 1909.

TRADE MARK.

814

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since thirteen years before the 2nd day of September, 1889.

NAME.

THE STANLEY WORKS, a corporation duly organized and existing under and by virtue of the laws of the State of Connecticut, and doing business in the City of New Britain, State of Connecticut, United States of America.

No. of class: 13.

Description of goods: Metal goods not included in other classes; builders' hardware, and particularly hinges.

No. of application: 8348.

Date: 23rd October, 1909.

TRADE MARK.

838

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned from the year 1876.

NAME.

THE STANLEY WORKS, a corporation duly organized under the laws of the State of Connecticut, and located and doing business in the City of New Britain, State of Connecticut, United States of America.

No. of class: 13.

Description of goods: Metals not included in other classes; builders' hardware, and particularly hinges.

J. C. LEWIS,  
Registrar.

Application for Trade Mark refused.

THE following application for Trade Mark has been refused:—

No. 7859.—Champion and Slee, Limited. (Advertised in Supplement to *New Zealand Gazette*, No. 21, of the 11th March, 1909.)

Subsequent Proprietors of Trade Marks registered.

[NOTE.—The name of the former proprietor is given in brackets; the date is that of registration.]

NOS. 6094/4800, 6095/4801, 6096/4802.—Thomas Staniforth and Co., Limited, of Hackenthorpe, near Sheffield, England, Manufacturers. (T. Staniforth and Co.) 22nd October, 1909.

Nos. 7175/5863 and 7176/5864.—Australian Kodak, Limited, whose registered office is at Southampton Crescent, Abbotsford, near Melbourne, Victoria, Australia, Manufacturers. (Kodak, Limited.) 21st October, 1909.

Trade Marks registered.

LIST of Trade Marks registered from the 16th to the 30th October, 1909, inclusive:—

- No. 6450/8094.—Compagnie Francaise du Gramophone. Class 8. (*Gazette* No. 66, of the 12th August, 1909.)  
 No. 6451/8119.—A. C. Buzby. Class 47. (*Gazette* No. 63, of the 29th July, 1909.)  
 No. 6452/7578.—H. E. Shacklock, Limited. Class 6. (*Gazette* No. 75, of the 1st October, 1908.)  
 No. 6453/8095.—E. Morrison and Sons. Class 42. (*Gazette* No. 63, of the 29th July, 1909.)  
 No. 6454/8132.—G. H. and J. H. Jackson. Class 1. (*Gazette* No. 66, of the 12th August, 1909.)  
 No. 6455/7586.—C. T. Flyger. Class 42. (*Gazette* No. 85, of the 29th October, 1908.)  
 No. 6456/7587.—Collett and Co. Class 42. (*Gazette* No. 79, of the 15th October, 1908.)  
 No. 6457/7588.—Collett and Co. Class 42. (*Gazette* No. 79, of the 15th October, 1908.)  
 No. 6458/7590.—Collett and Co. Class 42. (*Gazette* No. 79, of the 15th October, 1908.)  
 No. 6459/7591.—Collett and Co. Class 42. (*Gazette* No. 79, of the 15th October, 1908.)  
 No. 6460/7619.—J. H. Adams and Co. Class 6. (*Gazette* No. 85, of the 29th October, 1908.)  
 No. 6461/7630.—E. S. Evelyn. Class 2. (*Gazette* No. 85, of the 29th October, 1908.)  
 No. 6462/8097.—Lever Bros., Limited. Class 47. (*Gazette* No. 63, of the 29th July, 1909.)  
 No. 6463/8098.—Lever Bros., Limited. Class 48. (*Gazette* No. 63, of the 29th July, 1909.)  
 No. 6464/8044.—Humphrey, Taylor, and Co., Limited. Class 43. (*Gazette* No. 55, of the 1st July, 1909.)  
 No. 6465/8078.—A. Wander, Ph.D. Class 42. (*Gazette* No. 59, of the 15th July, 1909.)  
 No. 6466/8090.—T. Barton. Class 41. (*Gazette* No. 59, of the 15th July, 1909.)  
 No. 6467/8111.—J. Takamine. Class 42. (*Gazette* No. 63, of the 29th July, 1909.)  
 No. 6468/8123.—Darling Proprietary, Limited. Class 1. (*Gazette* No. 66, of the 12th August, 1909.)  
 No. 6469/8136.—The Spirella Company. Class 38. (*Gazette* No. 66, of the 12th August, 1909.)  
 No. 6470/7549.—H. H. Seaton. Class 14. (*Gazette* No. 79, of the 15th October, 1908.)  
 No. 6471/8012.—T. C. Reynolds. Class 42. (*Gazette* No. 66, of the 12th August, 1909.)  
 No. 6472/8075.—British Anti-fouling Composition and Paint Company, Limited. Class 1. (*Gazette* No. 59, of the 15th July, 1909.)  
 No. 6473/7983.—A. W. Bickerton. Class 20. (*Gazette* No. 45, of the 4th June, 1909.)  
 No. 6474/8026.—J. P. Hooton. Class 38. (*Gazette* No. 51, of the 17th June, 1909.)  
 No. 6475/8027.—J. P. Hooton. Class 38. (*Gazette* No. 51, of the 17th June, 1909.)  
 No. 6476/8028.—J. P. Hooton. Class 38. (*Gazette* No. 55, of the 1st July, 1909.)  
 No. 6477/8134.—R. Arlow and Co., Limited. Class 42. (*Gazette* No. 66, of the 12th August, 1909.)

Trade Mark Renewal Fees paid.

FEES paid for the renewal of the undermentioned Trade Marks for fourteen years from the date first mentioned:—

- No. 1538/1248, 1539/1249, 1540/1250, 1541/1251, 1542/1252, and 1543/1253.—26th October, 1909.—The Publishing, Advertising, and Trading Syndicate, Limited, London, England. Classes 19, 24, 36, 38, 39, and 41. 19th October, 1909.  
 No. 1574/1293.—29th November, 1909.—The New Rapid Cycle Company, Limited, of Birmingham, England (Saint George's Engineering Company, Limited, of Birmingham, England). Class 22. 15th October, 1909.

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 15th to the 28th October, 1909, inclusive:—

- No. 1472/1169 and 1473/1170.—24th July, 1895.—James Inglis and Co., of Sydney, N.S.W. Class 42.  
 No. 1475/1181.—27th July, 1895.—Colonial Sugar Refining Company, Limited, of Auckland, N.Z. Class 42.

**Alphabetical List of Applicants for Letters Patent for Quarter ending 30th September, 1909.**

THIS list includes also (1) applications lodged prior to but gazetted during the quarter, (2) complete specifications following provisional specifications accepted and gazetted during the quarter. The first number and date are those of the application, the second those of the *Gazette*. Where only one number and date are inserted, the application has not yet been accepted.

\* Denotes a provisional specification. † Denotes a prior date under the International and Intercolonial Arrangements.

Abrams, L. G., Sydney, New South Wales; broom or brush; (H. M. Marsh); 26434; 18th August; 85; 7th October.\*  
 Adams, H. H., Auckland, New Zealand; ferro-concrete former; 26235; 12th July.  
 Allan, H., Auckland, New Zealand; gas-cooker; 26424; 13th August; 85; 7th October.\*  
 Alley, C. H., and another, Farnon, New Zealand; nail-punch; 25330; 9th December, 1908; 85; 7th October.  
 Alley, F. L., Camberwell, Victoria; beating and finishing machines; 26547; 10th November, 1908†; 88; 21st October.  
 Alzugaray (see De Alzugaray).  
 Amey, D., Sale, Victoria; reversible plough; 26627; 22nd September.  
 Amies, J. H., Philadelphia, United States America; paving-composition; 26018; 1st June; 63; 29th July.  
 Andersen, P. J., Poukawa, New Zealand; gate opening and closing; 26082; 16th June; 63; 29th July.  
 Andersen, S. P., and another, Auckland, New Zealand; teat-cup; 25184; 6th November, 1908; 75; 9th September.  
 Anderson, A., Albion, Queensland; deodorant-distributor; 26059; 9th April†; 66; 12th August.  
 Anderson, A., and another, St. Kilda, Victoria; jute-bagging manufacture; 25938; 12th May; 66; 12th August.\*  
 Anderson, D. M., Riverside, New Zealand; handle for agricultural implements; 26574; 10th September.  
 Andrew, G. E., and another, Ormond, Victoria; jointing-material for cans; 25936; 12th May; 63; 29th July.  
 Andrews, W., Wellington, New Zealand; flash-lamp; 26589; 15th September.  
 Angus, W., Christchurch, New Zealand; valves of hydraulic rams; 26104; 21st June; 63; 29th July.  
 Anne of Lowenstein Wertheim, London, England; self-levelling cot; 26464; 24th August; 85; 7th October.  
 Ancombe, H., Dunedin, New Zealand; gas water-heater; 26289; 23rd July; 71; 26th August.\*  
 Ancombe, H., Dunedin, New Zealand; hot-water return pipe system; 26446; 16th August; 85; 7th October.\*  
 Ancombe, W. H., Auckland, New Zealand; wire-splice shield; 26360; 3rd August; 75; 9th September.\*  
 Archbold Bros., Christchurch, New Zealand; wirewove couch; 26581; 13th September.  
 Armishaw, D., Kaitangata, New Zealand; flying-machine; 26339; 3rd August; 71; 26th August.\*  
 Arnold, E., Auckland, New Zealand; building-construction; 25749; 27th March; 71; 26th August.  
 Arnold, M., Dunedin, New Zealand; auto-strainer; 26621; 18th September; 93; 4th November.\*  
 Ashton, O., Lawrence, United States America (see United Shoe Machinery Company, No. 25103).  
 Ashworth, F., Beverly, United States America (see United Shoe Machinery Company, No. 26442).  
 Ashworth, H., Wellington, New Zealand; signal indicator; 26578; 14th September; 88; 21st October.\*  
 Atkinson, H. W., Auckland, New Zealand; coal-gas manufacture; 26177; 2nd July.  
 Austin, E. C., Wanganui, New Zealand; tire-inflator; 26278; 23rd July; 71; 26th August.\*  
 Australian Reversible Delivery Label Company, Proprietary, Limited, Melbourne, Victoria; mail-bag and delivery label; (J. G. Reilly); 26268; 22nd July; 71; 26th August.  
 Bach, H. H., Auckland, New Zealand; safety-device for tram-cars; 26205; 6th July; 66; 12th August.\*  
 Bailey, C. J., Otaua, New Zealand; hat-pin-point protector; 25859; 22nd April; 63; 29th July.\*  
 Bailey, J. F., Dunedin, New Zealand; electric developer; 25013; 1st October, 1908; 75; 9th September.  
 Baird, J., Hamilton, New Zealand; earth-closet; 25044; 7th October, 1908; 59; 15th July.  
 Baker, G. H. M., Ottawa, Canada; sawing-device; 26310; 29th July; 75; 9th September.  
 Baldwin, E. S., Wellington, New Zealand; wire-garment stay-making machine; (The Spirella Company—M. M. Beeman); 26213; 9th July; 63; 29th July.  
 Ballinger, T., and Co., Wellington, New Zealand; acetylene-generator; (A. Fischer); 26037; 7th June; 63; 29th July.

APPLICANTS FOR LETTERS PATENT—continued.

Baquie, H. C., and another, North Carlton, Victoria; wheel for motor-cars; 26450; 19th August; 85; 7th October.  
 Barta, H., and another, London, England; type-setting machine; 26003; 1st June; 66; 12th August.  
 Barton, E. L., Hawera, New Zealand; aeronautical apparatus; 24838; 25th August, 1908; 59; 15th July.  
 Barton, E. L., Hawera, New Zealand; document-file; 24666; 25th August, 1908; 59; 15th July.  
 Barton, G. V., Liverpool, England; salts or oxides of lead; 26229; 13th July; 75; 9th September.  
 Barton, T., Hamilton, New Zealand; easy-chair; 24915; 12th September, 1908; 63; 29th July.  
 Baskett, J. S., Te Aroha, New Zealand; bottom for kettles, &c.; 26645; 28th September.  
 Bassett, W., Christchurch, New Zealand; teat-cup; 26072; 14th June; 66; 12th August.\*  
 Bastian, C. O., London, England; transforming electrical energy into heat-energy; 26644; 25th September; 93; 4th November.  
 Bate, J., Auckland, New Zealand; flax-washer; 26260; 17th July; 75; 9th September.\*  
 Bate, J., and another, Auckland, New Zealand; gold-separator; 26314; 28th July; 71; 26th August.\*  
 Bate, J., Auckland, New Zealand; drying and brushing flax-fibre; 26359; 3rd August.  
 Bate, J., Auckland, New Zealand; machine for washing flax; 26583; 13th September.  
 Bates, A., and another, Leicester, England (see United Shoe Machinery Company, No. 26270).  
 Bates, A., and others, Leicester, England (see United Shoe Machinery Company, Nos. 24933, 26399).  
 Bates, A., Leicester, England (see United Shoe Machinery Company, Nos. 25104, 25203, 25200, 26441).  
 Bates, J. W., Hastings, New Zealand; account-book; 25956; 19th May; 66; 12th August.\*  
 Bayston, W. S., Melbourne, Victoria; compound for neutralising noxious fumes; (W. Burgess); 26488; 24th August; 85; 7th October.\*  
 Beach, W. J. H., Wellington, New Zealand; attaching billiard-cue-chalk to table; 26200; 7th July; 66; 12th August.\*  
 Beamish, J. H., Auckland, New Zealand; ventilating building; 26127; 22nd June; 63; 29th July.\*  
 Beamish, W., Hastings, New Zealand (see J. R. Park, No. 26563).  
 Beckett, T., Dannevirke, New Zealand; ship's propeller; 26389; 9th August.  
 Beeman, M. M., Meadville, United States America (see E. S. Baldwin, No. 26213).  
 Beilby, C. S., Murchison, New Zealand; sluice-valve; 26356; 31st July; 78; 23rd September.  
 Bell, A. L., and another, Bethanga, Victoria; pliers; 26438; 18th August; 78; 23rd September.  
 Bell, C. R., and another, Tuakau, New Zealand; utilising flax-waste; 26329; 29th July; 71; 26th August.\*  
 Bell, C. R., and another, Tuakau, New Zealand; utilising flax-waste to produce alcohol, &c.; 26448; 16th August; 78; 23rd September.\*  
 Bellenger, R., The Oaks, New South Wales; preventing damage to milk-cans, &c.; 24816; 20th August, 1908; 71; 26th August.  
 Benn, W. A., and another, Sydney, New South Wales; process for preserving fish; 26512; 2nd September; 85; 7th October.\*  
 Bennet, A., and another, Dunedin, New Zealand; free-wheel cutter for ploughed land; 26226; 8th July; 71; 26th August.  
 Bennet, W., and another, Dunedin, New Zealand; free-wheel cutter for ploughed land; 26226; 8th July; 71; 26th August.  
 Berg, E., and another, Queen Charlotte Sound, New Zealand; beer-register; 26157; 30th June; 75; 9th September.\*  
 Berg, W., and another, Queen Charlotte Sound, New Zealand; beer-register; 26157; 30th June; 75; 9th September.\*  
 Berry, G. W., Moonee Ponds, Victoria; closet; 26207; 3rd August, 1908†; 71; 26th August.  
 Berry, G. W., Moonee Ponds, Victoria; closets or commodes; 26477; 25th March†; 85; 7th October.  
 Bettany, J. H., Hataitai, New Zealand; butter-cooler; (R. O. S. Bettany); 26639; 23rd September.  
 Bettany, R. O. S., Hataitai, New Zealand (see J. H. Bettany, No. 26639).  
 Bettington, A. B., Merriwa, New South Wales; decaudating and cauterising animals; 26350; 4th August; 75; 9th September.  
 Billington, J. E., and another, Broadheath, England (see J. T. Hunter, No. 26191).  
 Bing, Harris, and Co., Limited, Dunedin, New Zealand; shoe; (W. S. Neill and J. Elvidge); 26382; 5th August; 78; 23rd September.

APPLICANTS FOR LETTERS PATENT—*continued.*

Bioletti, H. O., Auckland, New Zealand; door-holder; 26568; 9th September.

Blackwell, H. L. T., Sydney, New South Wales; body-belt; 26603; 2nd February; 88; 21st October.

Blaine, J. B., and others, Wellington, New Zealand; means for locating sunken vessels; 26496; 28th August.

Blaine, J. B., and others, Wellington, New Zealand; apparatus for indicating the position of sunken vessels; 26571; 11th September; 88; 21st October.\*

Blair, J., and others, Dunedin, New Zealand; mitre-cutting machine; 26586; 13th September; 88; 21st October.\*

Blair, W. J., Dunedin, New Zealand (see G. S. Thomson, No. 26323).

Blakey, J., London, England; carburetter; 26333; 12th August, 1908; 85; 7th October.

Bleock, W. A. F., Brisbane, Queensland; primary battery; 26079; 16th June; 63; 29th July.

Blockley, J. J., Palmerston North, New Zealand; ventilator; 25945; 13th May; 63; 29th July.

Blockley, J. J., Palmerston North, New Zealand; flushing-apparatus; 26643; 24th September.

Bollard, R. F., and another, Taupiri, New Zealand; saw-fence; 25045; 7th October, 1908; 75; 9th September.

Bond, A. J., Auckland, New Zealand; barrow-wheel; 26137; 24th June; 63; 29th July.\*

Booth, McDonald, and Co., Limited, Christchurch, New Zealand; lid for barrels, churns, &c.; (C. G. Whitaker and G. Burns); 26455; 20th August.

Booth, W. H., and another, Waipukurau, New Zealand; producing gas from hydrocarbon-oils; 26242; 14th July; 78; 23rd September.

Bostock, E., Stafford, England (see H. Bostock, No. 24775).

Bostock, H., Dunedin, New Zealand; boot or shoe; (E. Bostock); 24775; 7th August, 1908; 59; 15th July.

Bowden, W. G., and another, Melbourne, Victoria; pump for boiler-feeding; 26318; 29th July; 71; 26th August.\*

Boys, C. V., and another, London, England; producing rapid reciprocating motion; 25312; 11th December, 1907; 71; 26th August.

Bradley, B., and others, Sheffield, England; obtaining zinc or copper from complex ores; 26558; 9th September; 93; 4th November.

Bradley, H. W., and others, Sheffield, England; obtaining zinc or copper from complex ores; 26558; 9th September; 93; 4th November.

Brady, E. P., and another, Highland Park, United States America; turbine; 26327; 30th July; 85; 7th October.

Brady, J. F., jun., and another, Highland Park, United States America; turbine; 26327; 30th July; 85; 7th October.

Brady, P., and another, Auckland, New Zealand; railway-carriage couplings; 26539; 7th September; 88; 21st October.\*

Brammer, E., Hikurangi, New Zealand; electric signal-lamp; 26422; 10th August.

Brandon, E., Fendalton, New Zealand; laundry-iron heater; 25505; 28th January; 85; 7th October.

Brenan, J., Paeroa, New Zealand; under-carriage for vehicle; 25019; 6th October, 1908; 75; 9th September.

Brennan, G., and another, Sydney, New South Wales; time-control for liquid-outflow; 26175; 1st July, 1908.†

Bridge, D. I., and another, Narrabri, New South Wales; railway-couplings; 26507; 4th September, 1908; 88; 21st October.

Bridger, F. H., Dunedin, New Zealand; apparatus for automatically maintaining pressure; (T. E. Bridger); 26492; 25th August; 85; 7th October.\*

Bridger, T. E., Dunedin, New Zealand (see F. H. Bridger, No. 26492).

Briggs, G. L., and another, Taupiri, New Zealand, saw-fence; 25045; 7th October, 1908; 75; 9th September.

Briggs, T., and others, Leicester, England (see United Shoe Machinery Company, No. 26399).

Brooker, C. S., Medbury, New Zealand; shutting off steam from gauge-glass; 26187; 5th July; 66; 12th August.\*

Brothers, E., Lynn, United States America (see United Shoe Machinery Company, Nos. 26595, 26596).

Brown, A., Milton, New Zealand; egg-tester; 26617; 18th September.

Brown, F. C., Waihi, New Zealand; ore-treatment; 24861; 23rd August, 1908; 66; 12th August.

Brown, H., Wellington, New Zealand; broom and brush holder; 26056; 10th June; 66; 12th August.\*

Brown, J., Waihi, New Zealand; tire cushion and cover; 26433; 18th August; 85; 7th October.\*

Brown, T., Waterside, Coalgate, New Zealand; stone-gathering machine; 26272; 22nd July.

Brown, T., Christchurch, New Zealand; bag-printing machinery; (J. Troup); 26349; 4th August; 78; 23rd September.

Browne, C. M., Melbourne, Victoria; bottling-machine; 26640; 23rd September.

APPLICANTS FOR LETTERS PATENT—*continued.*

Browne, J. S., Hinuera, New Zealand; liquid-funnel; 26353; 4th August.

Brownlee, J. W., Havelock, New Zealand; saw-bench feed-gear; 26025; 4th June; 63; 29th July.

Bruce, W. R., and another, Paisley, Scotland; tram-car life-guard; 26351; 8th August, 1908.†

Brydges, E., Wellington, New Zealand; bedstead; 26560; 9th September; 88; 21st October.\*

Brydges, J. E., Wellington, New Zealand; billiard-table; 26319; 30th July; 75; 9th September.\*

Buchanan, J. L., Northampton, England; soap; 26580; 14th December, 1908; 93; 4th November.

Buckland, W. T., Dunedin, New Zealand; cycle-driving mechanism; 26301; 26th July; 71; 26th August.\*

Buckland, W. T., Dunedin, New Zealand; brake-block; 26302; 26th July; 71; 26th August.\*

Buckminster, I. C., Beverly, United States America (see United Shoe Machinery Company, No. 26443).

Burges, A., and others, Palmerston North, New Zealand; filtering water for use with fibre-machine; 26429; 17th August.

Burges, A., and others, Palmerston North, New Zealand; flax-washer; 26430; 17th August; 75; 9th September.\*

Burgess, J., Matahuru, New Zealand; tide-motor; 26451; 20th August; 85; 7th October.\*

Burgess, W., Cambourne, England (see W. S. Bayston, No. 26488).

Burns, G., and another, Christchurch, New Zealand (see Booth, McDonald, and Co., Limited, No. 26455).

Burt, A., Dunedin, New Zealand; gold-saving apparatus; 26564; 8th September; 88; 21st October.\*

Butler, W. J., Auckland, New Zealand; sewing-machine; 26410; 12th August; 88; 21st October.

Butterworth, H., Auckland, New Zealand; flooring-composition; 25217; 10th November, 1908; 85; 7th October.

Cabena, W. W., Melbourne, Victoria; manufacture of rubber; (W. Stocks); 26345; 4th August; 75; 9th September.

Cabena, W. W., Melbourne, Victoria; purifying waste rubber; (W. Stocks and F. Kolbe); 26346; 4th August; 88; 21st October.

Calders, J., and another, Carterton, New Zealand; noxious-weed exterminator; 26572; 11th September.

Camn, C., Geelong West, Victoria; withdrawing butter from churn; 26195; 7th July; 66; 12th August.\*

Campbell, A., Sutton, New Zealand; hydraulic nozzle; 26133; 21st June; 75; 9th September.

Campbell, A., and another, Tweed River, New South Wales; wire-strainer; 26549; 9th September.

Campbell, H., Melbourne, Victoria; spinning top; 25693; 30th November, 1908; 66; 12th August.

Campbell, H., Waikawa, New Zealand; internal-combustion engine; 26416; 13th August; 75; 9th September.\*

Campbell, W., and another, Takapau, New Zealand; flax-treatment; 24734; 29th July, 1908; 63; 29th July.

Carpenter, A. W., London, England; tire-manufacture; 26040; 16th February; 63; 29th July.

Carter, A. B., and another, Dunedin, New Zealand; table; 26499; 26th August; 85; 7th October.\*

Cartwright, E. O., Springfield, United States America; printing-press; 26196; 7th July; 71; 26th August.

Cartwright, E. O., Springfield, United States America; printing-press; 26197; 7th July; 71; 26th August.

Casgrain, L. A., Beverly, United States America (see United Shoe Machinery Company, No. 26444).

Castles, W., Stanmore, New South Wales; machine for excavating; 26610; 14th September; 93; 4th November.

Cates, A., Ashburton, New Zealand; kerosene-pump; 26611; 15th September.

Caverhill, F. J. S., Christchurch, New Zealand; driving-gear of shearing-machine; 26472; 25th August; 85; 7th October.\*

Cederman, A., and another, Hokitika, New Zealand; locomotive-engine driving-gear; 24579; 29th June, 1908; 59; 15th July.

Chadwick, T., Redfern, Sydney, New South Wales; dry amalgamating-machine; 26515; 2nd September; 85; 7th October.\*

Chaffey, H. F., Christchurch, New Zealand; kettle; 26161; 29th June; 71; 26th August.

Chaffey, H. F., Christchurch, New Zealand; projectile for small arms; 26184; 2nd July; 66; 12th August.\*

Chambers, W. A., and another, Waipukurau, New Zealand; producing gas from hydrocarbon-oils; 26242; 14th July; 78; 23rd September.

Chilton, E. J., Masterton, New Zealand; closet-flush; 26294; 26th July; 71; 26th August.\*

Chilton, E. J., Kuripuni, New Zealand; closet-flush; 26458; 20th August; 85; 7th October.\*

Chipperfield, W. H., London, England; apparatus for compression of gas; 26584; 13th September.



APPLICANTS FOR LETTERS PATENT—*continued.*

Christian, W., Rookwood, Sydney, New South Wales; anti-corrosive anti-fouling compound; 26465; 24th August; 88; 21st October.

Christie, N. C., and another, Invercargill, New Zealand; tablet system; 26626; 20th September.

Clapham, H., Auckland, New Zealand; apparatus for production of gas; 26525; 4th September; 85; 7th October.\*

Clarke, H., and another, Benalla, Victoria; machine for adding up figures; 26447; 18th August; 78; 23rd September.\*

Clayton, C. W., Wanganui, New Zealand; insole; 26000; 31st May; 63; 29th July.\*

Clayton, C. W., Wanganui, New Zealand; bed; 26073; 15th June; 63; 29th July.\*

Clayton, C. W., Wanganui, New Zealand; rubber heel; 26139; 28th June; 63; 29th July.\*

Clayton, C. W., Wanganui, New Zealand; back-seam stay for boots or shoes; 26385; 9th August; 75; 9th September.\*

Cleaver, R., and another, Waikaiti, New Zealand; wire-strainer; 26372; 6th August; 85; 7th October.

Clere, F. de J., Wellington, New Zealand; window; 26461; 23rd August; 85; 7th October.

Cloud, J. W., London, England; fluid-pressure brake-apparatus; 26436; 27th August, 1908†; 78; 23rd September.

Clow, T. R., Auckland, New Zealand; windmill; 25218; 10th November, 1908; 85; 7th October.

Clow, T. R., Auckland, New Zealand; windmill-mechanism; 26533; 3rd September; 88; 21st October.

Clymo, G. H., and others, Auckland, New Zealand; hot closet and hot-water circulator; 26518; 30th August; 85; 7th October.\*

Cochrane, D. L., Waikumete, New Zealand; reinforced-concrete construction; 26655; 27th September.

Cochrane, D. L., Auckland, New Zealand; construction of reinforced concrete; 26543; 8th September; 88; 21st October.\*

Coleman, E. W., Twickenham, England; driving-gear for machinery; 25133; 28th October, 1908; 63; 29th July.

Coles, G. A., and another, Auckland, New Zealand; utilising waste animal substances; 26172; 29th June; 66; 12th August.\*

Coles, G. A., and another, Auckland, New Zealand; utilising waste leather; 26173; 29th June; 66; 12th August.\*

Collins, J. M., and another, Palmerston North, New Zealand; flax-treatment; 24859; 31st August, 1908; 66; 12th August.

Collins, J. M., and others, Palmerston North, New Zealand; filtering water for use with fibre-machine; 26429; 17th August.

Collins, J. M., and others, Palmerston North, New Zealand; flax-washer; 26430; 17th August; 75; 9th September.\*

Condy, J., South Yarra, Victoria (see W. J. Philips, No. 26513).

Cook, D. M., and another, Rochford, Victoria; hame-trace, &c., hook; 26298; 27th July; 71; 26th August.\*

Cook, J. H., and another, Rochford, Victoria; hame-trace, &c., hook; 26298; 27th July; 71; 26th August.\*

Cooper, F. A., Auckland, New Zealand; acetylene-generator; 26093; 17th June; 63; 29th July.\*

Cooper, H. E., and another, Norwich, England (see United Shoe Machinery Company, No. 26270).

Cocper, W. T., Christchurch, New Zealand; collar-joint for water-pipe; 26395; 10th August; 75; 9th September.\*

Cooze, F. S., Wellington, New Zealand; ventilators for buildings; 26437; 18th August; 85; 7th October.\*

Cooze, F. S., Wellington, New Zealand; attachment to lock; 26519; 3rd September; 88; 21st October.\*

Coze, F. S., Wellington, New Zealand; letter-clip; 26638; 23rd September; 93; 4th November.\*

Corry, A. W. B., and another, Napier, New Zealand; nail-punch; 25330; 9th December, 1908; 85; 7th October.

Cossey (see De Cossey).

Coutts, F., and another, Elderslie, Scotland; tram-car life-guard; 26351; 8th August, 1908.

Craig, C., Christchurch, New Zealand; safe; 26485; 26th August; 88; 21st October.\*

Craig, C., Christchurch, New Zealand; apparatus for sharpening tailors' chalk; 26629; 22nd September.

Cranwell, B. F., Auckland, New Zealand; sprayer-tank; 26615; 15th September.

Cutmore, H. A., London, England; closure-device for telephone-mouthpiece; 26247; 19th July; 71; 26th August.\*

Dane, J. E., Melbourne, Victoria (see Perks, Dane, and Co., Proprietary, Limited, No. 26287).

Darlow, G. P., Wellington, New Zealand; mirror-holder; 26189; 6th July.

Davey, J. F., Beverly, United States America (see United Shoe Machinery Company, No. 26624).

APPLICANTS FOR LETTERS PATENT—*continued.*

Davies, G. W., Wellington, New Zealand; raising temperature of gases; 26258; 20th July; 66; 12th August.\*

Davies, G. W., Wellington, New Zealand; method of incandescing gas; 26471; 25th August; 85; 7th October.\*

Davies, H. W., Wellington, New Zealand; acetylene-gas generator; 26291; 26th July; 78; 23rd September.

Davis, G. V., Essendon North, Victoria; tent; 26473; 26th August; 85; 7th October.\*

Dawes, J. S., Aramoho, New Zealand; rotary liner valve for internal-combustion engine; 26396; 9th August; 88; 21st October.\*

Dawes, J. S., Aramoho, New Zealand; internal-combustion engine valve; 26654; 27th September.

Dawson, W. F., and another, Denver, United States America; concentrator; 26407; 12th August; 88; 21st October.

Day, A. E. W., and others, St. Albans, England; hat; 26150; 29th June; 66; 12th August.

De Alzugaray, J. B., New York, United States America; extracting metals from ores; 26408; 12th August; 88; 21st October.

De Cossey, E., and another, Ellerslie, New Zealand; brake; 26244; 12th July; 66; 12th August.\*

Deegan, J., Invercargill, New Zealand; lock for differential gear of traction-engine; 26277; 19th July; 71; 26th August.\*

De La Haye, P. J., New Plymouth, New Zealand; safety brooch-pin; 26459; 19th August.

Dennes, A. C., Auckland, New Zealand; billiard-marking register; 26369; 4th August; 71; 26th August.\*

Dennis, H., and another, Adelaide, South Australia; collapsible box; 26425; 13th August; 85; 7th October.\*

Dent, T., Christchurch, New Zealand; horse-collar; 26526; 3rd September.

Desmoulin, H. P., Dunedin, New Zealand (see New Zealand Acetylene-gas Lighting Company, Limited, No. 26103).

Dodwell, M. G. C., Wellington, New Zealand; tire; 26060; 11th June; 63; 29th July.\*

Douglas, H. M., Wellington, New Zealand; loose-leaf account-book; 26374; 6th August; 85; 7th October.\*

Downey, E., Wanganui, New Zealand; umbrella-holder for vehicles; 24839; 21st August, 1908; 59; 15th July.

Draffin, W. F., Wanganui, New Zealand; draught-regulator for register grate; 26221; 12th July.

Draper, J., Whangarei, New Zealand; building-construction; 26661; 29th September.

Droutledge, H., Auckland, New Zealand; teat-cup; 26047; 7th June; 66; 12th August.\*

Duggan, W., jun., Dunedin, New Zealand; door or gate closer; 26174; 29th June; 71; 26th August.\*

Dunlop, G. H., Auburn, Victoria; excavating-machinery; 26078; 16th June; 71; 26th August.

Dunn, H., Jeppestown, Transvaal; disposing of sand, &c., on mine dumps; 26238; 14th July; 66; 12th August.\*

Dunn, W., Christchurch, New Zealand; stove or range protector; 26233; 13th July; 66; 12th August.\*

Dunne, R., and another, Dunedin, New Zealand; bevelling-attachment for mitre-box fence; 26355; 2nd August; 71; 26th August.\*

Dunne, R., and another, Dunedin, New Zealand; mitre-box and cramp; 26371; 4th August; 71; 26th August.\*

Dunne, R., and others, Dunedin, New Zealand; mitre-cutting machine; 26586; 13th September; 88; 21st October.\*

Dyer, G. P., and another, Dunedin, New Zealand; valve-mechanism for controlling acetylene-gas generators; 26467; 21st August; 85; 7th October.

Dyson, J., and others, Geelong, Victoria; ploughing and cultivating implement; 26206; 8th July; 66; 12th August.\*

East, S. R., and others, Wellington, New Zealand; means for locating sunken vessels; 26496; 28th August.

East, S. R., and others, Wellington, New Zealand; apparatus for indicating the position of sunken vessels; 26571; 11th September; 88; 21st October.\*

Edmond, A., Dunedin, New Zealand; stiffener for articles of dress; 26497; 27th August.

Edward (see Stuart-Edward).

Edwards, A. H., and another, London, England; aeroplane; 26012; 1st June; 66; 12th August.

Edwards, J., and another, Melbourne, Victoria; pump for boiler-feeding; 26318; 29th July; 71; 26th August.\*

Eggleton, A. J., Dunedin, New Zealand; concrete building; 26283; 22nd July; 75; 9th September.

Elliott, O. B., Auckland, New Zealand; fire-alarm; 26264; 19th July; 66; 12th August.\*

Ellis, J., Auckland, New Zealand; game; 26328; 29th July; 71; 26th August.\*

Ellis, P., and another, Wellington, New Zealand; flying-machine; 26363; 5th August; 75; 9th September.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

Elvidge, J., and another, Dunedin, New Zealand (see Bing, Harris, and Co., Limited, No. 26382).

Enfield Cycle Company, Limited, and another, Redditch, England (see J. T. Hunter, No. 26305).

Engel, K., Arlington, United States America (see United Shoe Machinery Company, No. 26623).

Engelbrecht, F. W., West Oxford, New Zealand; appliance for mixing grain-seeds, &c.; 26246; 17th July; 66; 12th August.\*

Eppler, A., Boston, United States America (see United Shoe Machinery Company, No. 24932).

Erickson, P., Dannevirke, New Zealand; soap-manufacture; 26411; 12th August; 75; 9th September.\*

Esping, H. P. W., Nassjo, Sweden; raising liquids; 26061; 9th June; 63; 29th July.\*

Esplen, A., Liverpool, England; fire-bar; 26193; 7th July; 71; 26th August.

Falkner, A., Kaiparoro, New Zealand; actuating-gear for jacks; 26169; 30th June; 78; 23rd September.

Fell, A. G., and another, Wellington, New Zealand; trolley-pole; 26156; 30th June; 63; 29th July.\*

Fellows, G. R., Onehunga, New Zealand; gas-producer and grate; 24749; 28th July, 1908; 66; 12th August.

Ferris, A., and another, Fitzroy, Victoria; post-hole digger; 24961; 23rd September, 1908; 66; 12th August.

Ffrost, J. E., and others, Wellington, New Zealand; counter invoice book; 26158; 30th June; 63; 29th July.\*

Finch, R. E., and others, Auckland, New Zealand; applying disinfectant to closet; 26214; 8th July; 66; 12th August.\*

Fischer, A., Adelaide, South Australia (see T. Ballinger and Co., No. 26037).

Fischer, A. P., and another, Napier, New Zealand; franking-machine; 26510; 1st September; 85; 7th October.\*

Fischer, F. A., and another, Napier, New Zealand; franking-machine; 26510; 1st September; 85; 7th October.\*

Fisher, D. P., Wellington, New Zealand; diaphragm for phonographs; 26520; 3rd September; 85; 7th October.\*

Fisher, E., Dunedin, New Zealand; tie-fastening; 26316; 28th July; 71; 26th August.\*

Fisher, F. F., Wellington, New Zealand; waterproof cover for letter-carriers; 26344; 4th August; 71; 26th August.\*

Fisher, H., Wellington, New Zealand; non-refillable bottle; 26337; 3rd August; 75; 9th September.\*

Fisher, H., Wellington, New Zealand; bottle-stopper; 26402; 10th August.

Fisher, H., Wellington, New Zealand; life-saving apparatus; 26431; 17th August; 75; 9th September.\*

Fitchett, J., Wellington, New Zealand; tipping-lorry; 24778; 11th August, 1908; 66; 12th August.

Fitchett, W. H., Shannon, New Zealand; removable cycle handle-bar; 26332; 3rd August; 71; 26th August.\*

Fletcher, H. T., Auckland, New Zealand; canvas buddle; 25389; 29th December, 1908; 78; 23rd September.

Fletcher, T. N., Thames, New Zealand; target; 26393; 10th August; 75; 9th September.\*

Footo, E., and others, Auckland, New Zealand; folding lunch-box; 26379; 5th August; 75; 9th September.\*

Footo, E., and others, Auckland, New Zealand; cake-tin; 26380; 5th August; 71; 26th August.\*

Foothead, A. E., and another, Lower Hutt, New Zealand; clip for holding button to cloth; 26236; 15th July; 66; 12th August.\*

Forbes, J. S., Philadelphia, United States America; apparatus for sterilising liquids; 26630; 22nd September.

Forester, W., and another, Wellington, New Zealand; flying-machine; 26363; 5th August; 75; 9th September.\*

Forsyth, J., Auckland, New Zealand; flax-treatment; 26347; 4th August; 85; 7th October.\*

Fortune, J., Heathcote, Victoria; appliance for lamb-marking; 26579; 14th September; 88; 21st October.\*

Fraser, D., Petone, New Zealand; gig-saw; 25326; 11th December, 1908; 85; 7th October.

Foster, J., Wellington, New Zealand; bread-toaster; 26215; 10th July; 63; 29th July.\*

Freeman, W. H., Auckland, New Zealand; rope-protector; 26099; 19th June; 63; 29th July.\*

French, T., Waitara, New Zealand; gate or fence post; 24956; 18th September, 1908; 59; 15th July.

Furber, F. M., Beachmont, United States America (see United Shoe Machinery Company, No. 26602).

Gager, T., Hikurangi, New Zealand; storing and drawing off kerosene; 25009; 2nd October, 1908; 71; 26th August.

Galagher, S. F., and another, Collingwood, Victoria; combining leather and rubber; (L. Robinson); 26203; 8th July; 75; 9th September.

Gallichan, A. W., Palmerston North, New Zealand; sovereign-purse; 26552; 9th September; 88; 21st October.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

Gane, C. E., Normanby, New Zealand; milking-machine; 26660; 29th September.

Gannaway, A., Wanganui, New Zealand; letter-copying press; 26375; 7th August; 75; 9th September.\*

Gardner, R. C., Huiroa, New Zealand; vacuum controller; 26245; 16th July.

Garlan, M. J., Broken Hill, New South Wales; water-cycle; 26476; 26th August; 85; 7th October.\*

Gates, G., San Jose, United States America; rail support and fastener; 25885; 28th April; 66; 12th August.

Gawne, E. W., Dunedin, New Zealand; washing-boiler; 26565; 9th September; 88; 21st October.\*

Gayner, T. H. B., Melbourne, Victoria; manufacture of inflatable articles; 26445; 18th August; 78; 23rd September.

Gee, C. A., London, England; exhibiting and advertising apparatus; 26468; 24th August; 88; 21st October.

Gibson (see Maitland-Gibson).

Gill, J., Edinburgh, Scotland; briquetting-machine; 26631; 22nd September; 93; 4th November.

Gillespie, R., and another, Melbourne, Victoria; determining amount of moisture in wool; 24841; 26th August, 1908; 75; 9th September.

Gillman, T. H., Hawera, New Zealand; rotating oven-plate; 26542; 8th September.

Glassop, J., and another, Culcairn, New South Wales; rabbit-crane; 26664; 29th September; 93; 4th November.

Glendinning, T. A., and another, Auckland, New Zealand; utilising waste animal substances; 26172; 29th June; 66; 12th August.\*

Glendinning, T. A., and another, Auckland, New Zealand; utilising waste leather; 26173; 29th June; 66; 12th August.\*

Goddu, G., and another, Winchester, United States America (see United Shoe Machinery Company, No. 26269).

Goddu, G., Winchester, Middlesex, United States America (see United Shoe Machinery Company, No. 26598).

Goodwin, W., Christchurch, New Zealand; means for sowing seeds; 26604; 15th September; 93; 4th November.

Gough, F., Hokitika, New Zealand; perambulator foot-warmer; 26038; 7th June; 66; 12th August.\*

Gough, G. W., Dunedin, New Zealand; book-support; 24771; 8th August, 1908; 59; 15th July.

Gouldbourn, J., and others, Leicester, England (see United Shoe Machinery Company, Nos. 24933, 26400).

Gov, W., and others, Dunedin, New Zealand; golf-club head; 26432; 14th August; 85; 7th October.\*

Grace, L. G., Hawera, New Zealand; aeroplane; 26087; 17th June; 66; 12th August.\*

Grace, L. G., Hawera, New Zealand; vacuum pump; 26100; 17th June; 66; 12th August.\*

Grace, L. G., Hawera, New Zealand; vacuum motor; 26219; 12th July; 66; 12th August.\*

Grace, L. G., Hawera, New Zealand; milking-machinery; 26342; 4th August; 75; 9th September.\*

Grace, L. G., Hawera, New Zealand; gun; 26523; 4th September.

Grace, L. G., Hawera, New Zealand; teapot; 26530; 6th September.

Graham, S., Wendon, New Zealand; railway and tramway rail; 26090; 15th June; 63; 29th July.\*

Grainger, A. M., Dunedin, New Zealand; apparatus for decoying birds; 26487; 24th August.

Grant, C., Hamilton, New Zealand; tine and chain harrow; 24981; 24th September, 1908; 71; 26th August.

Grant, J. H., Wodonga, Victoria; rabbit-destroyer; 25030; 7th October, 1908; 66; 12th August.

Gray, G., Dunedin, New Zealand; ridging-machine; 26522; 2nd September; 85; 7th October.\*

Gray, J., Dunedin, New Zealand; lubricator for wheels; 25066; 9th October, 1908; 75; 9th September.

Gray, J., Dunedin, New Zealand; lubricator for wheels; 25126; 23rd October, 1908; 75; 9th September.

Green, J., Gisborne, New Zealand; fencing-batten; 26491; 27th August; 85; 7th October.\*

Griffin, J. N., Reweti, New Zealand; spring-wheel; 26313; 28th July.

Griffin, J. N., Reweti, New Zealand; tram-car brake; 26426; 13th August; 75; 9th September.\*

Griffin, P. J., Denniston, New Zealand; tea-can; 26201; 7th July; 78; 23rd September; 85; 7th October.

Grimwood, R., Winton, New Zealand; grain-milling machine; 26237; 9th July; 66; 12th August.\*

Grogan, F. J., Douglas, New South Wales; trotting-sulky; 26322; 30th July; 71; 26th August.\*

Gunn, J. F., New Plymouth, New Zealand; clothes-peg; 26452; 18th August; 85; 7th October.\*

Gurney, F. E., Wellington, New Zealand; folding push-cart; 26544; 8th September; 93; 4th November.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

Hagarty, D., Auckland, New Zealand; plough; 26126; 22nd June; 71; 26th August.

Hahn, R. M., London, England (see Sandow, Limited, No. 26555).

Hall, G., and another, Lepperton, New Zealand; reinforced-concrete posts; 26070; 11th June; 63; 29th July.

Hall, H., Leicester, England (see United Shoe Machinery Company, No. 26601).

Hall, W. T., and another, Dunedin, New Zealand; water sprayer or sprinkler; 26209; 8th July.

Halliday, A. W., Roslyn Bush, New Zealand; gear of traction-engines; 26607; 14th September.

Hamer, F., and others, Hayes, England; power-transmission; 26114; 23rd June; 66; 12th August.

Hamilton, T., Winton, New Zealand; riddle; 26489; 24th August; 85; 7th October.\*

Hammond, F. M., Marton, New Zealand; staple; 26503; 31st August; 88; 21st October.\*

Hancock, J. C., Perth, West Australia; heel pad and plate for boot or shoe; 26228; 13th July.

Hancox, W. G., Petone, New Zealand; floor-polishing appliance; 26331; 2nd August; 71; 26th August.\*

Hancox, W. G., Petone, New Zealand; appliance for holding spouting; 26538; 7th September; 93; 4th November.\*

Hannan, E., Wellington, New Zealand; lifeboat; 26409; 12th August; 71; 26th August.

Hansen, A. M., Dunedin, New Zealand; self-anchoring standard; 26285; 22nd July; 66; 12th August.\*

Harbottle, F., Hobart, Tasmania; target; 26357; 4th August; 71; 26th August.\*

Hardcastle, H., Lyttelton, New Zealand; blowing soap-bubbles; 26311; 28th July; 71; 26th August.\*

Hardley, C. E., and another, Auckland, New Zealand; ventilator and skylight; 26498; 27th August.

Hardley, W. F., and another, Auckland, New Zealand; ventilator and skylight; 26498; 27th August.

Hargreaves, W. A., Woodville, South Australia; production of iron or steel; 25829; 14th April; 66; 12th August.

Harris, E. S., Wellington, New Zealand; spring rocking-chair; 26517; 2nd September; 88; 21st October.\*

Harrison, J., Christchurch, New Zealand; ventilator and ceiling-light; 26320; 31st July; 75; 9th September.

Harvey, W. J., Taihape, New Zealand; boot-heel; 26605; 15th September.

Harwood, W., and another, Lower Hutt, New Zealand; clip for holding button to cloth; 26236; 15th July; 66; 12th August.\*

Haworth, C. V., and another, Lancaster, England; apparatus for production of gas; 26506; 1st September; 88; 21st October.

Haye (see De la Haye).

Hayes, E., Otarehua, New Zealand; windmill; 26307; 28th July; 71; 26th August.\*

Hayes, E., Otarehua, New Zealand; reversible wire-grip; 26531; 6th September; 88; 21st October.\*

Hayter, W. J. F., and another, Hamilton, New Zealand; manufacture of bricks, &c.; 26373; 6th August; 85; 7th October.

Hayter, W. J. F., and another, Hamilton, New Zealand; treatment of ores; 26376; 7th August.

Heaven, R., Spreydon, New Zealand; speed-alarm; 26109; 22nd June; 63; 29th July.\*

Heffron, G., Waikino, New Zealand; butter cooler and warmer; 26377; 7th August; 85; 7th October.

Heke, E., Auckland, New Zealand; horse-shoe; 26366; 5th August.

Hele-Shaw, H. S., London, England; variable-stroke fluid-machine; 26149; 29th June; 66; 12th August.

Henderson, H., Owaka, New Zealand; horse-cover; 26141; 25th June; 63; 29th July.\*

Hennah, W. H., and another, Wellington, New Zealand; ship's-course indicator; 26198; 7th July; 71; 26th August.

Hennah, W. H., and another, Wellington, New Zealand; ship's-course recorder; 26199; 7th July; 71; 26th August.

Herbert, A. H., and others, Eketahuna, New Zealand; flushing-apparatus; 26115; 23rd June; 63; 29th July.\*

Hibberd, C. E., Westminster, London; coin-freed mechanism; 26557; 9th September; 93; 4th November.

Hill, C. D., and another, Brunswick, Victoria; wheel for motor-cars; 26450; 19th August; 85; 7th October.

Hodge, C. E., and another, Auckland, New Zealand; teat-cup; 25184; 6th November, 1908; 75; 9th September.

Hodgkinson, L., and another, Hamilton, New Zealand; washing-machine; 26469; 23rd August; 85; 7th October.\*

Holden, W. E., Auckland, New Zealand; displaying advertisements; 26292; 24th July; 71; 26th August.\*

Holden, W. E., Auckland, New Zealand; magic-lantern; 26524; 4th September; 85; 7th October.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

Holle, A. A., Olst, Holland; steam-engine; 26011; 1st June; 63; 29th July.

Holly, E. L., and another, Katanning, West Australia; transport-crate; 26592; 15th September; 93; 4th November.

Hood, J. J., and another, London, England (see The Oil Refining Improvements Company, Limited, No. 26528).

Hooper, G. L., and others, Wellington, New Zealand; apparatus for cleaning and oiling tramway-rails; 26593; 15th September; 93; 4th November.\*

Hooper, J. T., and another, Shannon, New Zealand; propelling bicycles; 26421; 14th August.

Hooper, W. H., and another, Clareville, New Zealand; propelling bicycles; 26421; 14th August.

Hopkirk, J., Hawera, New Zealand; milk-agitator; 25393; 29th December, 1908; 71; 26th August.

Hormann, A., Invercargill, New Zealand; artificial minnow; 26449; 17th August; 78; 23rd September.

Huber, A., Okaiawa, New Zealand; safety fuse; 26546; 8th September; 88; 21st October.\*

Huie, G., and another, Culcairn, New South Wales; rabbit-crate; 26664; 29th September; 93; 4th November.

Humphries, A. E., Weybridge, England; flour-milling; 26130; 22nd June; 66; 12th August.

Hunter, J. T., Wellington, New Zealand; typographical composing and casting machine; (Linotype and Machinery, Limited—H. Pearce and J. E. Billington); 26191; 7th July; 71; 26th August.

Hunter, J. T., Wellington, New Zealand; painting bicycle-frames, &c.; (The Enfield Cycle Company, Limited, and W. Johnson); 26305; 28th July; 78; 23rd September.

Hunter, J. T., and another, Wellington, New Zealand; stereotype printing-plates; (Printing Machinery Company, Limited—H. A. W. Wood); 26632; 22nd September; 93; 4th November.

Hunter, J. T., Wellington, New Zealand; locomotive-boiler smoke-box; (R. F. Thompson); 26647; 28th September; 93; 4th November.

Hunter, W. E., Maungakarama, New Zealand; preventing pigs breaking through fences; 26124; 24th June; 66; 12th August.\*

Hursthause, E. W., Wellington, New Zealand; steam-cooking apparatus; 25108; 21st October, 1908; 75; 9th September.

Hursthause, E. W., Wellington, New Zealand; lamp-pillar; 25107; 21st October, 1908; 85; 7th October.

Hurley, M., Christchurch, New Zealand; potato-planter; 26230; 13th July; 71; 26th August.

Hustwick, R. G., and others, Cheviot, New Zealand; vehicle-wheel; 26058; 11th June; 63; 29th July.\*

Hutcheson, G. R., Wellington, New Zealand; signalling-lamp; 26569; 11th September; 88; 21st October.\*

Hutchings, J., London, England; pumping-machinery; 26248; 19th July; 71; 26th August.

Hutchinson, G., Christchurch, New Zealand; weighing-apparatus; 24588; 30th June, 1908; 71; 26th August.

Hutchinson, G., Christchurch, New Zealand; scales; 26223; 12th July; 66; 12th August.\*

Hutchinson, J. H., Auckland, New Zealand; merchandise-transporter; 25985; 26th May; 71; 26th August.\*

Hutchinson, J. H., Auckland, New Zealand; backing pole-wagons; 26017; 1st June; 63; 29th July.\*

Hutton, F., and another, Waikala, New Zealand; wire-strainer; 26372; 6th August; 85; 7th October.

Irwin, H., Tikokino, New Zealand; nest-box for poultry; 26218; 12th July; 71; 26th August.\*

Irwin, H., Tikokino, New Zealand; grass-cutter for edges of lawns; 26336; 3rd August; 71; 26th August.\*

Isaac, E. C., Wellington, New Zealand; method of sealing mail-bags; 26620; 20th September.

Ittershagen, H. C., Subiaco, West Australia; cooking-box; 26274; 22nd July.

Jackson, A. G., Queensland, Australia; thermostat; 26536; 7th September; 88; 21st October.

Jackson, A. G., Brisbane, Queensland; turret-clock; 26606; 15th September; 93; 4th November.

Jackson, F. H., New Plymouth, New Zealand; grip for scythe-handle; 25262; 25th November, 1908; 78; 23rd September.

James, A., London, England; lixiviation of ores; (A. Swan); 26194; 7th July; 78; 23rd September.

Jeanet, M., St. Claude, France (see M. Rutty, No. 24868).

Jerram, A. E., and others, Leicester, England (see United Shoe Machinery Company, Nos. 24933, 26400).

Jeffrey, B., Palmerston North, New Zealand; flushing-device; 26190; 5th July; 66; 12th August.\*

Jeffrey, B., and another, Palmerston North, New Zealand; flushing cistern; 26387; 9th August; 78; 23rd September.

APPLICANTS FOR LETTERS PATENT—*continued.*

Jeune, J. F., Gisborne, New Zealand; animal-cover; 26652; 28th September; 93; 4th November.

Jira, F., Raki Raki, Fiji; travelling table-filter; 26208; 8th July; 78; 23rd September.\*

Johns, A. E., Auckland, New Zealand; air-ship; 26671; 30th September.

Johns, V. R., Pukekohe, New Zealand; tennis-racquet; 26613; 17th September; 93; 4th November.\*

Johns, W. F., Waharoa, New Zealand; releasing-holder for lift-door; 26234; 14th July; 66; 12th August.\*

Johnson, W., and others, Kenilworth, England (see J. T. Hunter, No. 26305).

Johnston, G. G., Sydney, New South Wales; pneumatic tire; 26559; 15th April.†

Jones, A., Christchurch, New Zealand; step-ladder; 26495; 27th August.

Jones, A. L., Dargaville, New Zealand; safety-lamp; 26486; 26th August; 85; 7th October.\*

Jones, E. F., and another, Wellington, New Zealand; trolley-pole; 26156; 30th June; 63; 29th July.\*

Jones, H. W., and others, Auckland, New Zealand; folding lunch-box; 26379; 5th August; 75; 9th September.\*

Jones, H. W., and others, Auckland, New Zealand; cake-tin; 26380; 5th August; 71; 26th August.\*

Jones, W. E., Burwood, New Zealand; incubation of duck-eggs; 26405; 11th August.

Jones, W. W., and others, Auckland, New Zealand; folding lunch-box; 26379; 5th August; 75; 9th September.\*

Jones, W. W., and others, Auckland, New Zealand; cake-tin; 26380; 5th August; 71; 26th August.\*

Jupp, W. J., Wellington, New Zealand; billiard-dining-table adjuster; 26658; 29th Sept.

Kahlenberg, P., Dunedin, New Zealand; coal-holder; 26614; 15th September.

Kay, D., Maitua, New Zealand; bag-holder for chaff-cutter; 26136; 24th June; 63; 29th July.\*

Keall, F. B., and others, Leicester, England (see United Shoe Machinery Company, Nos. 25201, 26400).

Kelly, J., Invercargill, New Zealand; time-to-rise indicator; 26657; 27th September.

Kennedy, R., and another, Auckland, New Zealand; railway-carriage couplings; 26539; 7th September; 88; 21st October.\*

Kent, J. R., Christchurch, New Zealand; shoette-upper; 24857; 31st August, 1908; 59; 15th July.

Keyes, E. L., Boston, United States America (see United Shoe Machinery Company, No. 25314).

Keymer, W., and another, Auckland, New Zealand; gas-oven boiler; 26144; 25th June; 71; 26th August.\*

Keymer, W., and others, Auckland, New Zealand; hot closet and hot-water circulator; 26518; 30th August; 85; 7th October.\*

Kibblewhite, J. T., Petone, New Zealand; wheelbarrow; 26330; 2nd August; 75; 9th September.\*

Kibblewhite, R., and another, Masterton, New Zealand; swing-tree mountings; 26321; 31st July; 71; 26th August.\*

Kidd, T., Invercargill, New Zealand; vacuum pulsator; 26145; 22nd June; 66; 12th August.\*

Kilburn, B. E. D., London, England; explosives; 26296; 27th July, 1908.†

Kilburn, B. E. D., London, England; explosives; 26297; 27th July, 1908.†

Kilroy, W. E., Dunedin, New Zealand; coal-scuttle; 26211; 7th July; 66; 12th August.\*

King, A. C., and others, Southgate, England; power-transmission; 26114; 23rd June; 66; 12th August.

King, J., and others, Southgate, England; power-transmission; 26114; 23rd June; 66; 12th August.

Kinney, M. A., Rockvale, New Zealand; animal-trap; 26186; 2nd July; 66; 12th August; 88; 21st October.

Knudsen, H., and another, London, England; type-setting machine; 26003; 1st June; 66; 12th August.

Knutzen, H. P., Auckland, New Zealand; air-ship; 26415; 11th August; 78; 23rd September.\*

Kolbe, F., and another, Melbourne, Victoria (see W. W. Cabena, No. 26346).

Krassilnikoff, N. D., St. Petersburg, Russia; propelling-apparatus; 26628; 22nd September.

Lack, S. W., and another, Albert Park, Victoria; jointing-material for cans; 25936; 12th May; 63; 29th July.

Lambert, E. H. A., Sydney, New South Wales; supporting sheep during transportation; 26243; 14th July; 66; 12th August.

La Point, C. A., and another, Denver, United States America; concentrator; 26407; 12th August; 88; 21st October.

Larkin, T., Auckland, New Zealand; fire-extinguisher; 26521; 1st September.

APPLICANTS FOR LETTERS PATENT—*continued.*

Lassen, A. J. L., Copenhagen, Denmark; stoppering bottles; 26440; 1st September, 1908†; 78; 23rd September.

Lassen, A. J. L., Copenhagen, Denmark; machine for stoppering bottles; 26466; 21st January†; 85; 7th October.

Latham, T., Gore, New Zealand; cleaning and grading seed; 26423; 14th August; 78; 23rd September.\*

Lee, D. Y., Dunedin, New Zealand (see Yack Son, No. 26641).

Legg, C. A., Christchurch, New Zealand; door of cooking-oven; 26188; 27th July; 75; 9th September.

Le Marquand, C. W., and another, Auckland, New Zealand; exhaust liquid-heater; 24860; 31st August, 1908; 59; 15th July.

Le Marquand, P. A., and another, Auckland, New Zealand; exhaust liquid-heater; 24860; 31st August, 1908; 59; 15th July.

Leonard, J., Khandallah, New Zealand; hook; 26462; 23rd August; 85; 7th October.\*

Le Roy, E., Devonport, New Zealand; horse-cover; 26502; 28th August; 85; 7th October.\*

Le Roy, E., Devonport, New Zealand; reinforced hammock; 26612; 15th September.

Levestam, F. W. G., Wellington, New Zealand; nail for corrugated iron; 26388; 9th August; 75; 9th September.\*

Levinson, W., St. Kilda, Victoria; cigarette-holder; 25292; 2nd December, 1908; 75; 9th September.

Levy, S., Dunedin, New Zealand; device for removing sediment from beer; 26608; 14th September; 93; 4th November.

Lewis, G., Napier, New Zealand; joining plaster slabs; 26279; 23rd July; 71; 26th August.\*

Lezinsky, G., New York, United States America; explosive compound; 26250; 19th July; 75; 9th September.\*

Lietz, W. F., Wellington, New Zealand (see Utility Manufacturing Company, Limited, No. 26365).

Lindsay, J., Dunedin, New Zealand; tobacco-pipe valve; 26033; 4th June; 66; 12th August.

Lindstrom, K. I., Nykvarn, Sweden; milking-machine; 26481; 26th August.

Link, J. S., and another, Melbourne, Victoria; lighting and extinguishing gas-lamps; 26490; 25th September, 1908†; 88; 21st October.

Linotype and Machinery, Limited, Broadheath, England (see J. T. Hunter, No. 26191).

Lissington, J. A., and another, Palmerston North, New Zealand; flushing cistern; 26387; 9th August; 78; 23rd September.

Little, J., Dunedin, New Zealand; display-cabinet; 26091; 15th June; 63; 29th July.\*

Lloyd, F., and another, Sydney, New South Wales; telephone accessory; 26117; 23rd June; 63; 29th July.

Lockwood, A. A., London, England (see Murex Magnetic Company, Limited, No. 26306).

Lockwood, A. A., and another, London, England; ore-treatment; 25546; 19th March†; 78; 23rd September.

Loggie, J., and another, Auckland, New Zealand; adjustment for raising and lowering curtain-poles; 26535; 3rd September; 85; 7th October.\*

Lohmann, H. R. R., Melbourne, Victoria; air-motor; 26171; 30th June; 66; 12th August.\*

Lomas, J., Southbridge, Tasmania; apple-grader; 25206; 11th November, 1908; 63; 29th July.

Longstaff, T. B., Bendigo, Victoria; portable oven; 26338; 3rd August; 71; 26th August.\*

Lord, A. F., and another, Wellington, New Zealand; splicing ear for electricity-conductor; 25160; 31st October, 1908; 63; 29th July.

Lord, A. F., and another, Wellington, New Zealand; section-insulator for electric tramway; 25165; 2nd November, 1908; 63; 29th July.

Lough, F., and another, Ruapekapeka, New Zealand; manufacture of bricks; 26373; 6th August; 85; 7th October.

Lough, F., and another, Ruapekapeka, New Zealand; ore-treatment; 26376; 7th August.

Love, W. J., Dunedin, New Zealand; lime and cement bag; 25853; 2nd August; 78; 23rd September.

Low, J., and another, Palmerston North, New Zealand; flax-treatment; 24859; 31st August, 1908; 66; 12th August.

Low, J., and others, Palmerston North, New Zealand; filtering water for use with fibre-machine; 26429; 17th August.

Low, J., and others, Palmerston North, New Zealand; flax-washer; 26430; 17th August; 75; 9th September.\*

Low, J., Palmerston North, New Zealand; flax-stripping machine; 26637; 23rd September.

Lowenstein-Wertheim (see Anne of Lowenstein-Wertheim).

Lund, J. P. H., Rockhampton, Queensland; steering and controlling device for screw-propelled vessels; 26508; 1st September; 88; 21st October.

APPLICANTS FOR LETTERS PATENT—*continued.*

Lungley, C. F., Albert Park, Victoria; torpedo and engine therefor; 26240; 14th July; 66; 12th August.\*

Lungley, C. F., Melbourne, Victoria; producing illuminant; 26659; 29th September.

Lyell, A., Wellington, New Zealand; apple parer and corer; 26352; 4th August; 75; 9th September.\*

Lynch, J. M., Beverly, United States America; making dies; 26271; 7th December, 1908†; 88; 21st October.

Lynde, F. C., and another, Manchester, England; apparatus for the production of gas; 26506; 1st September; 88; 21st October.

Lyons, W., Christchurch, New Zealand; artesian-water raising-apparatus; 26427; 16th August; 85; 7th October.

MacAllister, J. F., Timaru, New Zealand; milk-jug cover; 26220; 10th July; 71; 26th August.\*

Macdonald, J. L., Halcombe, New Zealand; self-oiling axle; 26107; 22nd June; 63; 29th July.\*

MacEwan, G. H., Dunedin, New Zealand; driving-mechanism for milk-agitator; (R. W. D. Robertson); 24813; 17th August, 1908; 75; 9th September.

MacGoun, D. M., Dunedin, New Zealand; phonograph; 26254; 19th July; 66; 12th August.\*

Mackenzie, D. S., Levin, New Zealand; making dental fillings; 26111; 22nd June; 63; 29th July.\*

Mackenzie, D. S., Levin, New Zealand; making dental fillings; 26257; 20th July; 66; 12th August.\*

Mackenzie, F. L., and another, Beverly, United States America (see United Shoe Machinery Company, No. 26269).

Maclean, C. J., and another, New Plymouth, New Zealand; cistern; 26095; 18th June; 63; 29th July.\*

Macmeikan, J., Melbourne, Victoria; preservation of food, &c.; (R. Rayson); 25171; 4th November, 1908; 75; 9th September.

Maddison, W., Wellington, New Zealand; mattress-holder; 26509; 1st September; 88; 21st October.

Maggiora, D., and another, London, England; phonograph and records therefor; 26439; 18th August; 78; 23rd September.

Maitland-Gibson, K., Brisbane, Queensland; gas-manufacture; 26413; 13th August; 85; 7th October.\*

Malley, F., and another, Sydney, New South Wales; time-control for liquid-outflow; 26175; 1st July, 1908.†

Maloney, J. P., Fortrose, New Zealand; machine for wiring boxes; 26619; 16th September.

Marconi, G. (see Marconi's Wireless Telegraph Company, Limited; No. 26097).

Marconi's Wireless Telegraph Company, Limited, London, England, wireless telegraphy; (G. Marconi); 26097; 16th June; 66; 12th August.

Marks, L., New Plymouth, New Zealand; drafting trousers; 26152; 29th June; 63; 29th July.\*

Marquand (see Le Marquand).

Marsh, H. M. (see L. G. Abrams, No. 26434).

Marsh, J. J., and others, Leicester, England (see United Shoe Machinery Company, No. 26399).

Martin, H. S., Liverpool, England; reproducing mechanical vibrations; 25020; 6th October, 1908; 66; 12th August.

Martin, J., Yarraville, Victoria; construction usable for coppers; 26622; 21st September.

Martyn, T., Paeroa, New Zealand; combination dressing-table; 26529; 6th September; 85; 7th October.

Masters, S., Cleveland, Transvaal (see W. H. Waters, No. 26368).

McArthur, F. B. K., Auckland, New Zealand; cradle and perambulator; 26635; 22nd September; 93; 4th November.\*

McBride, T. J., Christchurch, New Zealand; pneumatic tire; 26478; 16th January.†

McBride, T. J., Christchurch, New Zealand; pneumatic tire; 26479; 26th August.

McBride, T. J., Christchurch, New Zealand; pneumatic tire; 26480; 26th August.

McCaughan, T., Christchurch, New Zealand; bolt for securing gates, &c.; 26417; 13th August; 75; 9th September.\*

McCurdy, D., Anderson's Bay, New Zealand; land and water motor; 26180; 29th June; 66; 12th August.\*

McCurdy, D., Anderson's Bay, New Zealand; agricultural implement; 26182; 29th June; 63; 29th July.\*

McCurdy, D., Anderson's Bay, New Zealand; elevating-attachment to dray; 26324; 30th July.

McDonald, R. J., Auckland, New Zealand; sandal; 25060; 9th October, 1908; 78; 23rd September.

McDonald, S., Invercargill, New Zealand; aeroplane; 26340; 3rd August; 71; 26th August.\*

McEachern, W., Rosewood, New South Wales; lifting-jack; 24835; 25th August, 1908; 71; 26th August.

McFarlane, W., and others, Geelong, Victoria; ploughing and cultivating implement; 26206; 8th July; 66; 12th August.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

McFeely, R. F., Beverly, United States America (see United Shoe Machinery Company, Nos. 26597, 26599).

McGaffin, R., Hastings, New Zealand; flax-catcher; 24943; 17th September, 1908; 78; 23rd September.

McGaffin, R., Hastings, New Zealand; dressing flax-stripper beating-bars; 26170; 28th June; 78; 23rd September.

McGeever, W. H., Greenmount, Queensland; staff-working of railways, &c.; 24821; 20th August, 1908; 59; 15th July.

McKenzie, A. M., and another, Carterton, New Zealand; noxious-weed exterminator; 26572; 11th September.

McKenzie, C. E., Taumarunui, New Zealand; acetylene-generator; 26394; 10th August.

McKenzie, D., and others, Auckland, New Zealand; corset; 26457; 19th August; 85; 7th October.\*

McKinlay, E. A., Eltham, New Zealand; cow-bail; 26151; 29th June; 63; 29th July.\*

McLaughlin, F., Wellington, New Zealand; push-cart; 26588; 15th September; 93; 4th November.\*

McLean, C. S., Wellington, New Zealand; aeroplane; 26110; 22nd June; 66; 12th August.\*

McLeod, H. F., and another, Auckland, New Zealand; gold-separator; 26314; 28th July; 71; 26th August.\*

McMiken, S. D., Komata, New Zealand; ore-treatment; 26666; 27th September; 93; 4th November.\*

McNab, N. S., Caulfield, Victoria; voting-machine; 26185; 3rd July; 71; 26th August.

McNab, N. S., and another, Caulfield, Victoria; lighting and extinguishing gas-lamps; 26490; 25th September, 1908†; 88; 21st October.

McNaught, W. A., Dunedin, New Zealand; branding-device; 26096; 15th June; 63; 29th July.\*

Mead, J., Auckland, New Zealand; show-case fastener; 26383; 5th August; 78; 23rd September.\*

Mead, W. C., Maldon, Victoria; cycle handle-bar; 25021; 6th October, 1908; 71; 26th August.

Mederer, M., Bloemfontein, Orange River Colony; cooling-chamber; 25544; 14th June; 63; 29th July.

Melva, L., St. Kilda, Victoria; hat-pin; 25902; 3rd May; 63; 29th July.

Metcalfe, G., and another, New Plymouth, New Zealand; tire-cover; 26044; 7th June; 63; 29th July.\*

Meszaros, J., London, England; filament electric lamp; 26649; 28th September.

Millar, R. W., and another, Dunedin, New Zealand; milking-apparatus; 26656; 27th September; 93; 4th November.

Miller, L. V., Chicago, United States America (see United Shoe Machinery Company, No. 26600).

Miller, W., Wellington, England; crucible furnace; 26367; 3rd August; 85; 7th October.

Mitchell, C. H., Auckland, New Zealand; engine; 26582; 13th September; 88; 21st October.\*

Mitchell, F., London, England (see Sub-Target Company, Limited, No. 26312).

Moloney, M., Christchurch, New Zealand; telephone-transmitter; 26625; 21st September; 93; 4th November.

Monkhouse, W. J., and others, Wellington, New Zealand; apparatus for cleaning and oiling tramway-rails; 26593; 15th September; 93; 4th November.\*

Mono Service Vessels, Limited, London, England; manufacture of paper vessel; (E. Z. Taylor); 26113; 23rd June; 63; 29th July.

Monteath, L. M. M., New Plymouth, New Zealand; preparation of flax-fibre; 25073; 13th October, 1908; 71; 26th August.

Moon, R. H., and another, Auckland, New Zealand; adjustment for raising and lowering curtain-poles; 26535; 3rd September; 85; 7th October.\*

Moore, A., Gapes Valley, New Zealand; life-saving appliance; 26428; 17th August; 85; 7th October.\*

Morrison, D., Gisborne, New Zealand; playing-cards; 26576; 13th September; 88; 21st October.\*

Moscicki, L., Freiburg, Switzerland; treating gases; 26045; 7th June; 63; 29th July.

Mouat, W. G., Greymouth, New Zealand; rope coupling; 26390; 7th August.

Mulvena, W., and another, Tweed River, New South Wales; wire-strainer; 26549; 9th September.

Munn, W. F., Sydney, New South Wales; sporting-boot; 26255; 20th July; 66; 12th August.\*

Munro, C. S., Kurow, New Zealand; maintaining heat in bottles; 26381; 5th August; 88; 21st October.\*

Murex Magnetic Company, Limited, London, England; ore-treatment; (A. A. Lockwood); 26306; 28th July; 78; 23rd September.

Murray, A. C., Timaru, New Zealand; ironing-table; 26262; 22nd July; 71; 26th August.\*

Murray, R. L. H., Auckland, New Zealand; acetylene-gas generator; 26261; 17th July; 66; 12th August.

Mustad, T., Birmingham, England; illuminated signs; 26554; 9th September; 88; 21st October.

APPLICANTS FOR LETTERS PATENT—*continued.*

Nance, C. W., Sydney, New South Wales; preserving perishable comestibles; 24704; 21st July, 1908; 66; 12th August.

Nattrass, L. N., Wellington, New Zealand; lubrication of axles; 26575; 13th September; 85; 7th October.\*

Neill, W. S., and another, Dunedin, New Zealand (see Bing, Harris, and Co., Limited, No. 26382).

Nelson, H. F., Timaru, New Zealand; apparatus for drying clothes; 26545; 8th September; 88; 21st October.\*

Nelson, J. P., London, England; fuel briquette; 26392; 10th August.

Nelson, W., Auckland, New Zealand; ventilator for lamps, &c.; 25034; 3rd October, 1908; 59; 15th July.

Newcomb, A., and others, Auckland, New Zealand; applying disinfectant to closets; 26214; 8th July; 66; 12th August.\*

Newcomb, R. S., and others, Auckland, New Zealand; applying disinfectant to closets; 26214; 8th July; 66; 12th August.\*

New Zealand Acetylene Gas Lighting Company, Limited; acetylene-generator carbide-tray; (H. P. Desmoulins); 26103; 19th June; 66; 12th August.

Nicholls, G., Wellington, New Zealand; non-reversed gear for sewing-machine; 26570; 11th September; 88; 21st October.\*

Nicholson, A., and others, Auckland, New Zealand; corset; 26457; 19th August; 85; 7th October.\*

Noffke, O. A., Auckland, New Zealand; go-cart and perambulator; 26534; 3rd September.

Nolan, W. P., Ngapara, New Zealand; railway-ticket dater; 26540; 7th September.

Norden, E., Christchurch, New Zealand; soap-saver; 26160; 29th June; 63; 29th July.\*

North, H., Wellington, New Zealand; bedstead; 26252; 19th July; 71; 26th August.\*

North, H., Wellington, New Zealand; bedstead; 26418; 13th August; 78; 23rd September.\*

Northey, S., and another, Bethanga, Victoria; pliers; 26438; 18th August; 78; 23rd September.

O'Brien, W., Auckland, New Zealand; ice-chest; 26633; 22nd September; 93; 4th November.

O'Neil, H. J., Jamieson, Victoria; horse and cattle rug; 26227; 13th July; 66; 12th August.\*

Oakley, H., and another, Christchurch, New Zealand; snow-board; 26290; 26th July; 71; 26th August.\*

Ockerby, F. W., Launceston, Tasmania; threshing-machine; 26403; 11th August; 78; 23rd September.\*

Ockerby, F. W., Launceston, Tasmania; stripping-appliance; 26511; 2nd September; 85; 7th October.\*

Officer, C. M., Melbourne, Victoria; apparatus for production and supply of carburetted air; 26514; 2nd September; 85; 7th October.\*

Ogden, N., Melbourne, Victoria; automatic disinfecting closet; 26537; 28th November, 1908; 88; 21st October.

Ohlhaver, P. D. H., Sande, Germany; milking-machine; 25900; 29th April; 63; 29th July.

Ohlhaver, P. D. H., Sande, Germany; milking-machine; 25901; 29th April; 63; 29th July.

Oil Refining Improvements Company, Limited, Glasgow, Scotland; oil-treatment; (J. J. Hood and A. G. Salamon); 26528; 3rd September; 88; 21st October.

Oliver, J. C., Tauranga, New Zealand; colander; 25093; 20th October, 1908; 75; 9th September.

O'Neill, P. S., and another, Kokiri, New Zealand; aeroplane; 26642; 21st September.

Ostberg, A. J., St. Kilda, Victoria; leather-board substitute; 26092; 17th June; 63; 29th July.

Page, E., and others, Eketahuna, New Zealand; flushing-apparatus; 26115; 23rd June; 63; 29th July.\*

Page, W. V., Auckland, New Zealand; attaching labels to fabric; 26300; 26th July; 66; 12th August.\*

Palmer, T. J., Darwen, England; cornice-moulding; 26420; 14th May†; 78; 23rd September.

Panting, A. E., and others, Wellington, New Zealand; vehicle-wheel; 26058; 11th June; 63; 29th July.\*

Park, A. J., Dunedin, New Zealand; franking-machine; 26527; 3rd September; 85; 7th October.\*

Park, A. J., and another, Dunedin, New Zealand; bevelling-attachment for mitre-box fence; 26355; 2nd August; 71; 26th August.\*

Park, A. J., and another, Dunedin, New Zealand; mitre box and cramp; 26371; 4th August, 71; 26th August.\*

Park, A. J., and others, Dunedin, New Zealand; mitre-cutting machine; 26586; 13th September; 88; 21st October.\*

Park, J. R., Dunedin, New Zealand; water-flushing apparatus; (W. Beamish); 26563; 8th September; 88; 21st October.

APPLICANTS FOR LETTERS PATENT—*continued.*

Parker, A., and others, Wellington, New Zealand; counter invoice-book; 26158; 30th June; 63; 29th July.\*

Parker, A. H. J., Christchurch, New Zealand; suspending window-sashes; 26163; 30th June; 66; 12th August.\*

Parker, J., Napier, New Zealand; means of fastening wires to posts; 26567; 10th September.

Parker, T., Hampstead, England; coal-distillation; 26146; 29th June; 66; 12th August.

Parker, T., Salop, England; coal-distillation; 26391; 10th August; 85; 7th October.\*

Parsons, C. A., Newcastle-on-Tyne, England; dynamo electric machinery; 26334; 3rd August; 85; 7th October.

Parsons, C. A., Newcastle-on-Tyne, England; turbine; 26651; 28th September; 93; 4th November.

Parsons, F., and another, Auckland, New Zealand; gas-oven boiler; 26144; 25th June; 71; 26th August.\*

Parsons, F., and others, Auckland, New Zealand; hot closet and hot-water circulator; 26518; 30th August; 85; 7th October.\*

Parton, A. W., Wellington, New Zealand; ladder-bracket; 26493; 27th August; 85; 7th October.

Paterson, J. A., Wellington, New Zealand; hydrocarbon-gas producer; 25042; 9th October, 1908; 78; 23rd September.

Paterson, W. C., Denver, United States America; pulp-agitator; 26075; 15th June; 66; 12th August.

Pearce, H., and another, Broadheath, England (see J. T. Hunter, No. 26191).

Peck, M. B., Willowbridge, New Zealand; bag-filling apparatus; 26354; 4th August; 78; 23rd September.

Pedersen, J. H., Utiku, New Zealand; potato-peeler; 26281; 24th July; 75; 9th September.

Pegg, G., and another, Leicester, England (see United Shoe Machinery Company, No. 26398).

Penney, G. W., Dunedin, New Zealand; ear-marking animals; 26286; 22nd July; 66; 12th August.\*

Perks, Dane, and Co. Proprietary, Limited, Melbourne, Victoria; drying insulated electric cables; (J. E. Dane); 26287; 23rd July; 75; 9th September.

Perrins, H., Smethwick, England; vehicle-wheel; 26326; 30th July; 75; 9th September.

Perry, A. M., Wellington, New Zealand; cycle mud-guard; 24785; 12th August, 1908; 59; 15th July.

Petersen, O. R., and another, Masterton, New Zealand; paper-file; 26482; 26th August; 85; 7th October.\*

Phillips, W. J., Melbourne, Victoria; cooking-utensils; (J. Condy); 26513; 2nd September.

Phillips, L. M., Auckland, New Zealand; hat-pin; 26667; 29th September.

Phillips, L. M., and others, Auckland, New Zealand; corset; 26457; 19th August; 85; 7th October.\*

Phillips, S. J., Glencoe West, South Australia; cutter and cauterizer; 26650; 1st October, 1908†; 93; 4th November.

Philpott, T. S., Wellington, New Zealand; method of recording votes; 26618; 18th September.

Pike, H. R., and another, Sydney, New South Wales; clip and suspender for books; 26204; 5th July; 66; 12th August.\*

Pill, N. W., Newport, England; carburetter; 26397; 13th August, 1908.

Pinches, A. A., Wanganui, New Zealand; sand-soap; 26168; 28th June; 63; 29th July.\*

Point (see La Point).

Pomeroy, J., Invercargill, New Zealand; steam-boiler furnace; 24793; 13th August, 1908; 66; 12th August.

Potts, E., Dannevirke, New Zealand; grinding carpenter's tools; 26273; 22nd July; 71; 26th August.\*

Pownall, A. B., Wellington, New Zealand; bottle-spout; 26460; 21st August.

Poynton, J. J., and another, Middle Park, Victoria; post-hole digger; 24961; 23rd September, 1908; 66; 12th August.

Pratt, W., and another, Leicester, England (see United Shoe Machinery Company, No. 26398).

Price, W. J., and another, Narrabri, New South Wales; railway-couplings; 26507; 4th September, 1908; 88; 21st October.†

Printing Machinery Company, Limited, London, England (see J. T. Hunter, No. 26632).

Pritchett, P. H., Mount Somers, New Zealand; plough for burying turf; 26361; 4th August; 71; 26th August.\*

Pullar, A., Owaka, New Zealand; brush for cleaning artificial teeth; 26470; 25th August; 85; 7th October.\*

Queneau, A. L. J., Philadelphia, United States America; metallurgy of zinc; 26134; 21st June; 66; 12th August.

Quertier, H., Christchurch, New Zealand; ticket-printing device; 26384; 7th August; 75; 9th September.\*

Quinlivan, T., Coghill's Creek, Victoria; traction-engine, &c.; 26116; 23rd June; 71; 26th August.

APPLICANTS FOR LETTERS PATENT—*continued.*

Radford, A. E., Broomehill, West Australia; transport-  
crate; 26592; 15th September; 93; 4th November.

Rae, C. E., Auckland, New Zealand; camp-stove; 26634;  
22nd September.

Rae, W. G., Melbourne, Victoria; lamp-attachment; 26662;  
29th September.

Ramsbotham, S. H., Ohau, New Zealand; acetylene-gene-  
rator; 26042; 8th June; 63; 29th July.\*

Ramson, W. S., Auckland, New Zealand; baby's safety  
straps; 26266; 17th July; 71; 26th August.\*

Rapley, T. W., Wellington, New Zealand; magnetic separ-  
ator; 24883; 4th September, 1908; 75; 9th September.

Rasmussen, H. P., Dunedin, New Zealand; electric-insulating  
composition; 26135; 24th June; 63; 29th July.\*

Rayson, R., Melbourne, Victoria (see J. MacMeikan, No.  
25171).

Read, W., Ohau, New Zealand; egg-carrier; 26267; 22nd  
July.

Redstone, J. R., Gisborne, New Zealand; drench for horses;  
26043; 8th June; 63; 29th July.

Reece, W., Christchurch, New Zealand; flooring-composition;  
(R. Stein); 26653; 28th September.

Reed, C., Auckland, New Zealand; window sash and frame;  
25570; 16th February; 78; 23rd September.

Reid, A. W., Stratford, New Zealand; milking-machine  
pulsator; 26343; 4th August; 75; 9th September.\*

Reid, A. W., Stratford, New Zealand; teat-cup; 26364;  
5th August; 93; 4th November.

Reid, A. W., Stratford, New Zealand; apparatus for creating  
a vacuum; 26419; 13th August; 88; 21st October.

Reilly, J. G., Shepparton, Victoria (see Australian Reversible  
Delivery Label Company Proprietary, Limited, No. 26268).

Remus, W. F., Rangataua, New Zealand; aeroplane; 26309;  
29th July; 71; 26th August.\*

Reyburn, R., Warwick, Queensland; cultivator seed-  
attachment; 26663; 29th September; 93; 4th November.\*

Rendle, C. P., and another, Collingwood, Victoria; combining  
leather and rubber; (L. Robinson); 26203; 8th July;  
75; 9th September.

Restler, J. W., London, England; street-box for service-  
cock; 25825; 13th April; 66; 12th August.

Richardson, D., and another, Footscray, Victoria; deter-  
mining amount of moisture in wool; 24841; 26th August,  
1908; 75; 9th September.

Riddell, W. H., Dunedin, New Zealand; school-desk; 24625;  
6th July, 1908; 59; 15th July.

Riddle, J., and another, New Plymouth, New Zealand;  
tire-cover; 26044; 7th June; 63; 29th July.\*

Rigby, J. H., Lynn, United States America (see United Shoe  
Machinery Company, No. 26122).

Ridley, C., London, England; obtaining gases from solids;  
26435; 18th August; 78; 23rd September.

Rissel, A. K. W., and another, Wellington, New Zealand;  
ship's-course indicator; 26198; 7th July; 71; 26th  
August.

Rissel, A. K. W., and another, Wellington, New Zealand;  
ship's-course recorder; 26199; 7th July; 71; 26th  
August.

Ritchie, P. L., Dunedin, New Zealand; toy; 26370; 4th  
August; 75; 9th September.\*

Robb, J., Gisborne, New Zealand; attachment for glazier's  
diamond; 26505; 26th August; 85; 7th October.\*

Roberts, A. S., Inglewood, New Zealand; wire-strainer;  
26178; 2nd July.

Roberts, F., and another, Auckland, New Zealand; automatic  
hose-coupling; 26550; 9th September; 88; 21st October.\*

Roberts, F., and another, Auckland, New Zealand; automatic  
pressure-indicator; 26551; 9th September; 88; 21st Octo-  
ber.\*

Roberts, V. J., and another, Auckland, New Zealand; auto-  
matic hose-coupling; 26550; 9th September; 88; 21st  
October.\*

Roberts, V. J., and another, Auckland, New Zealand; auto-  
matic pressure-indicator; 26551; 9th September; 88; 21st  
October.\*

Robertson, G., and another, Perth, West Australia; can-  
tilting appliance; 26165; 30th June; 71; 26th August.

Robertson, R. W. D., New Plymouth, New Zealand (see  
G. H. MacEwan, No. 24813).

Robertson, W. J., Auckland, New Zealand; brush-making  
machinery; 24443; 22nd May, 1907; 75; 9th September.

Robins, A., Gore, New Zealand; produce-box; 24950; 18th  
September, 1908; 78; 23rd September.

Robinson, G. H., Christchurch, New Zealand; self-locking  
cabinet; 26202; 5th July; 71; 26th August.

Robinson, L., Northcote, Victoria (see S. F. Galagher and  
C. P. Rendle, No. 26203).

Rodger, J., Christchurch, New Zealand; game of amusement;  
26541; 7th September; 88; 21st October.\*

Roebuck, W. J., Dunedin, New Zealand; wire-tightener;  
26183; 30th June; 63; 29th July.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

Rolfe, H. C. L., Melbourne, Victoria; carburetter; 26256;  
20th July.

Rosenberg, A., London, England; depositing metals on  
metallic surfaces; 26077; 16th June; 63; 29th July.

Ross, W. A., Burnie, Tasmania; decanting liquids; 25927;  
7th May; 71; 26th August.\*

Routley, M., Wellington, New Zealand; tag-label printing  
and making machine; 26222; 12th July; 66; 12th  
August.\*

Rowe, G. R., and another, Wellington, New Zealand; electro  
surgical appliance; 24895; 7th September, 1908; 85; 7th  
October.

Roy, A. F., Wellington, New Zealand; nose-bag; 26401;  
11th August; 78; 23rd September.\*

Roy (see Le Roy).

Rucker, M. D., and another, London, England; aeroplane;  
26012; 1st June; 66; 12th August.

Russell, J. C., and another, Wellington, New Zealand;  
splicing ear for electricity-conductor; 25160; 31st Octo-  
ber, 1908; 63; 29th July.

Russell, J. C., and another, Wellington, New Zealand; section-  
insulator for electric tramways; 25165; 2nd November,  
1908; 63; 29th July.

Rutty, M., Sydney, New South Wales; smoking-pipe; (M.  
Jeantet); 24868; 1st September, 1908; 71; 26th August.

Ryan, C., Sydney, New South Wales; shirt-collar; 25785;  
4th November, 1908†; 71; 26th August.

Salamon, A. G., and another, London, England (see The Oil  
Refining Improvements Company, Limited, No. 26528).

Salek, S., and others, Wellington, New Zealand; counter  
invoice-book; 26158; 30th June; 63; 29th July.\*

Salt, R., Lyttelton, New Zealand; venetian blinds; 26566;  
10th September.

Samuel, M. R. A., and another, London, England; ore-  
treatment; 25546; 19th March†; 78; 23rd September.

Sander, E. G. F. C., Greymouth, New Zealand; animal-trap;  
26341; 3rd August.

Sandow, Limited, London, England; corset; (R. M. Hahn);  
26555; 9th September.

Scales, C. H., Christchurch, New Zealand; furniture-castor;  
26069; 14th June; 66; 12th August.\*

Schadwick, J. F. W. H., Westport, New Zealand; construc-  
tion of pipe-joint; 26210; 8th July; 66; 12th August.\*

Schaeff, A. W., Wellington, New Zealand; aeroplane; 26501;  
30th August; 85; 7th October.\*

Schaeff, A. W., Wellington, New Zealand; steering-apparatus  
of aeroplanes; 26532; 6th September; 88; 21st October.\*

Schauli, G., London, England; electric battery; 26251;  
19th July; 75; 9th September.

Scheie, T., Saskatchewan, Canada; extension rims; 26594;  
15th September; 93; 4th November.

Schmidt, A. H., Auckland, New Zealand; wire-link machine  
for wire fabric; 26358; 2nd August; 71; 26th August.\*

Schmidt, H. J., Auckland, New Zealand; photography;  
26232; 13th July; 75; 9th September.

Schultze, A., Greymouth, New Zealand; lock; 26494; 27th  
August; 85; 7th October.\*

Scott, G., Christchurch, New Zealand; manufacture of con-  
fectionery centres; 25866; 26th April; 66; 12th August.

Scott, G. H., and others, Wellington, New Zealand; vehicle-  
wheel; 26058; 11th June; 63; 29th July.\*

Scott, J., Dunedin, New Zealand; means for suspending  
curtain-poles; 26609; 14th September.

Seifert, W., and another, Takapau, New Zealand; flax-  
treatment; 24734; 29th July, 1908; 63; 29th July.

Service, A., and another, Auckland, New Zealand; collapsible  
cardboard box; 26378; 5th August.

Service, K., and another, Auckland, New Zealand; collapsible  
cardboard box; 26378; 5th August.

Shaw, J., Auckland, New Zealand; pigeon-racing timer;  
26585; 13th September; 88; 21st October.\*

Shaw (see Hele-Shaw).

Sheath, A. B., Napier, New Zealand; music-teaching appa-  
ratus; 26456; 20th August; 78; 23rd September.\*

Sheeley, G. A., and another, Johannesburg, Transvaal;  
linings of tube mills; 26239; 14th July; 71; 26th August.

Shekleton, J. H., Perth, West Australia; manufacture of  
briquettes; 26504; 31st August; 88; 21st October.

Shepherd, J., and another, Hokitika, New Zealand; loco-  
motive-engine driving-gear; 24579; 29th June, 1908;  
59; 15th July.

Shirt, S. T., Sydney, New South Wales; hand-shears; 25904;  
10th June, 1908†; 66; 12th August.

Siegert, C. F., Jeppes, Transvaal; treatment of auriferous  
black sand; 26176; 1st July; 63; 29th July.\*

Siegwart, H., Lucerne, Switzerland; process for production  
of cylindrical and like bodies from concrete; 26556;  
9th September; 93; 4th November.

Simonson, A., and another, Masterton, New Zealand; paper-  
file; 26482; 26th August; 85; 7th October.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

Sinclair, M., and another, Sutton, England; phonograph and records therefor; 26439; 18th August; 78; 23rd September.

Sinclair, M. A., Auckland, New Zealand; plate-warmer; 26293; 24th July; 71; 26th August.\*

Small and another, Christchurch, New Zealand; hobble for pacing and trotting horses; 26224; 12th July.

Smart, H., New Plymouth, New Zealand; spouting-bracket; 25167; 2nd November, 1908; 75; 9th September.

Smart, H., New Plymouth, New Zealand; ball-valve; 26414; 9th August; 85; 7th October.\*

Smart, W., Christchurch, New Zealand; broom; 26275; 22nd July; 75; 9th September.

Smith, A., and another, Christchurch, New Zealand; fire-alarm; 26159; 14th April; 66; 12th August.

Smith, A. L., and another, Christchurch, New Zealand; fire-alarm; 26159; 14th April; 66; 12th August.

Smith, C. B., Dunedin, New Zealand; spring-clip; 26212; 6th July; 66; 12th August.\*

Smith, G. E., Wellington, New Zealand; rubber footwear; 26253; 25th November, 1908†; 75; 9th September.

Smith, H. W., Auckland, New Zealand; manure-sower; 26282; 24th July; 75; 9th September.

Smith, R. D., and others, Dunedin, New Zealand; golf-club head; 26432; 14th August; 85; 7th October.\*

Smith, R. M., Roxburgh, New Zealand; resilient wheel; 25426; 6th January; 71; 26th August.

Smith, T. P., and another, New Plymouth, New Zealand; cistern; 26095; 18th June; 63; 29th July.\*

Smyth, L., Dunedin, New Zealand; wash boiler and sink; 26500; 26th August; 85; 7th October.\*

Snelling, J. C., Mitcham, England; slab for building purposes; 26249; 22nd July, 1908†; 71; 26th August.

Son, Y. (trading as Daniel Yat Lee), Dunedin, New Zealand; ironing-machine; 26641; 21st September.

Spencer, H. J., Hobart, Tasmania; heat-radiator for burners; 26317; 29th July; 71; 26th August.\*

Spirella Company, Meadville, United States America (see E. S. Baldwin, No. 26213).

Spry, L. G. F., Melbourne, Victoria; candle-extinguisher; 26241; 14th July; 66; 12th August.\*

Stein, R., Hanover, Germany (see W. Reece, No. 26653).

Stempa, J., and another, Masterton, New Zealand; swingle-tree mountings; 26321; 31st July; 71; 26th August.\*

Stenhouse, W., and another, Wellington, New Zealand; electro surgical appliance; 24895; 7th September, 1908; 85; 7th October.

Stephenson, J. G. L., London, England; carburetter; 26295; 28th August, 1908.†

Stevens, J. G., and others, Otaki, New Zealand; means for locating sunken vessels; 26496; 28th August.

Stevens, J. G., and others, Otaki, New Zealand; apparatus for indicating the position of sunken vessels; 26571; 11th September; 88; 21st October.\*

Stevens, K. M., Auckland, New Zealand; automatic releaser for teat-cup; 26590; 15th September; 88; 21st October.\*

Stewart and Lloyds, Limited, Birmingham, England (see W. H. Waters, No. 26368).

Stocks, H., Melbourne, Victoria; wheel-lock; 26665; 29th September.

Stocks, W., Fitzroy, Victoria (see W. W. Cabena, No. 26345).

Stocks, W., and another, Fitzroy, Victoria (see W. W. Cabena, No. 26346).

Stokes, E. S., and another, Sydney, New South Wales; process for preserving fish; 26512; 2nd September; 85; 7th October.\*

Storrie, A., Invercargill, New Zealand; pipe-connection; 26577; 10th September.

Stuart-Edward, J., Spreydon, New Zealand; cultivating and ploughing implement; 26225; 13th July; 66; 12th August.\*

Sub-target Company, Limited, London, England; apparatus for rifle practice; (F. Mitchell); 26312; 27th July; 75; 9th September.

Suckling, J. O., and others, Eketahuna, New Zealand; flushing-apparatus; 26115; 23rd June; 63; 29th July.\*

Suttie, C., and another, Waharoa, New Zealand; holding fibre on wires in field; 24344; 29th April, 1908; 66; 12th August.

Suttie, C., and another, Waharoa, New Zealand; flax-dressing; 24346; 29th April, 1908; 66; 12th August.

Suttie, C., and another, Waharoa, New Zealand; flax-catcher; 26280; 22nd July; 71; 26th August.\*

Suttie, C., and another, Waharoa, New Zealand; drying flax; 26548; 6th September.

Swan, A., London, England (see A. James, No. 26194).

Swindley, R. W., Dunedin, New Zealand; bottle; 26325; 31st July; 75; 9th September.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

Tait, A. L. J., Dunedin, New Zealand; flax cutting and bundling machine; 26412; 10th August; 85; 7th October.\*

Tandy, C., Wellington, New Zealand; fire grate or range; 26231; 13th July; 66; 12th August.\*

Tattam, C. J., and another, Benalla, Victoria; machine for adding up figures; 26447; 18th August; 78; 23rd September.\*

Taylor, J. S., Beechworth, Victoria; separating gold from battery sands; 26646; 28th September.

Taylor, D., Dunedin, New Zealand; binding-file; 24910; 9th September, 1908; 75; 9th September.

Taylor, E. Z., London, England (see Mono Service Vessels, Limited, No. 26113).

Taylor, J. M., and another, Christchurch, New Zealand; snow-board; 26290; 26th July; 71; 26th August.\*

Taylor, W. T., Wellington, New Zealand; grab and bucket for dredging; 26276; 23rd July; 71; 26th August.\*

Taylor, W. T., Kaipoi, New Zealand; dredging grab or bucket; 26299; 27th July; 71; 26th August.\*

Taylor, W. T., Wellington, New Zealand; dredging grab or bucket; 26386; 9th August; 71; 26th August.\*

Telford, T., Otanomomo, New Zealand; flax-stripper; 26406; 10th August; 85; 7th October.\*

Thomas, J., Kilfeera, Victoria; chaff-cutter feed; 26131; 22nd June; 63; 29th July.\*

Thomas, J., Kilfeera, Victoria; hoe-support of drill; 26132; 22nd June; 63; 29th July.\*

Thomas, R., Auckland, New Zealand; billiard game; 26259; 17th July; 75; 9th September.\*

Thompson, R. F., Wimbledon, England (see J. T. Hunter, No. 26647).

Thomson, C. J. H., Milton, New Zealand; wet-scutter; 26668; 29th September.

Thomson, C. J. H., Milton, New Zealand; treating *phormium tenax*; 26284; 22nd July; 75; 9th September.\*

Thomson, C. J. H., Milton, New Zealand; dry scutter; 26669; 29th September.

Thomson, G. S., Albury, New South Wales; acetylene-generator; (W. J. Blair); 26323; 29th July.

Thomson, G. S., and another, Timaru, New Zealand; valve-mechanism for controlling acetylene-gas generators; 26467; 21st August; 85; 7th October.

Thomson, J., Waiuku, New Zealand; pulley two-horse-equaliser; 26217; 12th July.

Thomson, J. C., and others, Dunedin, New Zealand; golf-club head; 26432; 14th August; 85; 7th October.\*

Thwaites, W., Seaward Bush, New Zealand; lock for railway-points; 25011; 1st October, 1908; 75; 9th September.

Tierney, J. W., and another, London, England; producing rapid reciprocating motion; 25312; 11th December, 1907†; 71; 26th August.

Timm, F. C. W., Hamburg, Germany; metal-production; 26648; 28th September; 93; 4th November.

Tomlinson, E. A., and another, Johannesburg, Transvaal; linings of tube mills; 26239; 14th July; 71; 26th August.

Topp, W. B., Birkenhead, New Zealand; O.G. spouting; 26483; 26th August; 85; 7th October.\*

Towt, W., Lilydale, Victoria; wire-strainer; 25764; 31st March; 66; 12th August.

Trapaki, J., Wyndham, New Zealand; plough-attachment; 26142; 28th June; 66; 12th August.\*

Treloar, J., Hamilton, New Zealand; milking-machine vacuum pump; 26105; 19th June; 66; 12th August.\*

Treloar, J., Hamilton, New Zealand; engine-lubricator; 26106; 19th June; 63; 29th July.\*

Treloar, J., and another, Hamilton, New Zealand; washing-machine; 26469; 23rd August; 85; 7th October.\*

Trevithick, F. R., Auckland, New Zealand; anglemeter-attachment; 26561; 8th September; 88; 21st October.\*

Trehwella, B., and another, Trentham, Victoria; horse-power winch; 26288; 23rd July; 78; 23rd September.

Trehwella, W., and another, Trentham, Victoria; horse-power winch; 26288; 23rd July; 78; 23rd September.

Trist and another, Christchurch, New Zealand; hobble for pacing and trotting horses; 26224; 12th July.

Troup, J., Christchurch, New Zealand (see T. Brown, No. 26349).

Tucker, H. B., Palmerston North, New Zealand; fish-scaler; 26179; 2nd July; 63; 29th July.\*

Turner, A., Otaika, New Zealand; preserving oil-colours on paper; 26362; 30th July; 75; 9th September.\*

Turpin, E., Dannevirke, New Zealand; sharpening chaff-cutter knife; 26348; 4th August; 75; 9th September; 88; 21st October.

Twiss, H. T., Stratford, New Zealand; food-receptacle; 25637; 4th March; 63; 29th July.\*

Tyree, A., Christchurch, New Zealand; heel-stiffener for golosh; 25813; 8th April; 66; 12th August.



APPLICANTS FOR LETTERS PATENT—*continued.*

United Shoe Machinery Company, Paterson, United States America; sewing-machine; (A. Eppler); 24932; 17th September, 1908; 78; 23rd September.

United Shoe Machinery Company, Paterson, United States America; work-support for boot or shoe machine; (A. E. Jerram, J. Gouldbourn, and A. Bates); 24933; 17th September, 1908; 63; 29th July.

United Shoe Machinery Company, Paterson, United States America; conforming uppers to lasts; (O. Ashton); 25103; 21st October, 1908; 66; 12th August.

United Shoe Machinery Company, Paterson, United States America; press; (A. Bates); 25104; 21st October, 1908; 66; 12th August.

United Shoe Machinery Company, Paterson, United States America; heel-nailing machine; (E. A. Webster); 25199; 11th November, 1908; 66; 12th August.

United Shoe Machinery Company, Paterson, United States America; resurfacing beds of presses; (A. Bates); 25200; 11th November, 1908; 85; 7th October.

United Shoe Machinery Company, Paterson, United States America; boot-machine; (F. B. Keall); 25201; 11th November, 1908; 85; 7th October.

United Shoe Machinery Company, Paterson, United States America; in-seam-trimming machine; (A. Bates); 25203; 11th November, 1908; 75; 9th September.

United Shoe Machinery Company, Paterson, United States America; boot or shoe machine; 25314; 9th December, 1908; 66; 12th August.

United Shoe Machinery Company, Paterson, United States America; sole-levelling machine; (J. H. Rigby); 26122; 23rd June; 63; 29th July.

United Shoe Machinery Company, Paterson, United States America; fastener-inserting machine; (G. Goddu and F. L. MacKenzie); 26269; 22nd July; 66; 12th August.\*

United Shoe Machinery Company, Paterson, United States America; turn shoe-reforming machine; (A. Bates and H. E. Cooper); 26270; 22nd July; 66; 12th August.\*

United Shoe Machinery Company, Paterson, United States America; fastenings-inserting machine; (W. Pratt and G. Pegg); 26398; 11th August; 75; 9th September.\*

United Shoe Machinery Company, Paterson, United States America; boot or shoe machine; (A. Bates, J. J. Marsh, and T. Briggs); 26399; 11th August; 75; 9th September.\*

United Shoe Machinery Company, Paterson, United States America; boot or shoe machine; (F. B. Keall, J. Gouldbourn, and A. E. Jerram); 26400; 11th August; 75; 9th September.\*

United Shoe Machinery Company, Paterson, United States America; cutting-out sheet material; (A. Bates); 26441; 18th August; 75; 9th September.\*

United Shoe Machinery Company, Paterson, United States America; press; (F. Ashworth); 26442; 18th August; 75; 9th September.\*

United Shoe Machinery Company, Paterson, United States America; press; (L. C. Buckminster); 26443; 18th August; 75; 9th September.\*

United Shoe Machinery Company, Paterson, United States America; press; (L. A. Casgrain); 26444; 18th August; 75; 9th September.\*

United Shoe Machinery Company, Paterson, United States America; boot and shoe machine; (E. Brothers); 26595; 15th September; 88; 21st October.\*

United Shoe Machinery Company, Paterson, United States America; boot and shoe machine; (E. Brothers); 26596; 15th September; 88; 21st October.\*

United Shoe Machinery Company, Paterson, United States America; work-supports; (R. F. McFeely); 26597; 15th September; 88; 21st October.\*

United Shoe Machinery Company, Paterson, United States America; machine for inserting fastenings; (G. Goddu); 26598; 15th September.

United Shoe Machinery Company, Paterson, United States America; method of making boots and shoes; (R. F. McFeely); 26599; 15th September.

United Shoe Machinery Company, Paterson, United States America; tack-pulling machine; (L. V. Miller); 26600; 15th September.

United Shoe Machinery Company, Paterson, United States America; heel-nailing machine; (H. Hall); 26601; 15th September.

United Shoe Machinery Company, Paterson, United States America; heel-blacking machine; (F. M. Furber); 26602; 15th September.

United Shoe Machinery Company, Paterson, United States America; shoes and methods of making same; (K. Engel); 26623; 21st September.

United Shoe Machinery Company, Paterson, United States America; pegging-machine; (J. F. Davey); 26624; 21st September; 93; 4th November.

Utility Manufacturing Company, Limited, Wellington, New Zealand; treatment of flax-fibres; (W. F. Lietz); 26365; 5th August; 85; 7th October.

APPLICANTS FOR LETTERS PATENT—*continued.*

Varcoe, T., and another, Adelaide, South Australia; collapsible box; 26425; 13th August; 85; 7th October.\*

Virgil, A. K., New York, United States America; exercising-keyboard; 26074; 15th June; 63; 29th July.

Vosseler, H. F., Wellington, New Zealand; screw-cutting timing-gear for turning lathes; 26216; 12th July; 66; 12th August.\*

Wade, H. B., and another, Dunedin, New Zealand; milking-apparatus; 26656; 27th September; 93; 4th November.

Walker, G., and another, Tuakau, New Zealand; utilising flax-waste; 26329; 29th July; 71; 26th August.\*

Walker, G., and another, Tuakau, New Zealand; utilising flax-waste to produce alcohol, &c.; 26448; 16th August; 78; 23rd September.\*

Walker, G., Tuakau, New Zealand; treatment of flax; 26475; 24th August.

Walker, M. M., Wellington, New Zealand; fire-blow for grates; 26304; 28th July.

Walker, R., Dunedin, New Zealand; milk, &c., strainer; 24928; 12th September, 1908; 63; 29th July.

Walker, R. A., and another, Invercargill, New Zealand; tablet system; 26626; 20th September.

Wall, A. W., Birmingham, England; motor-attachment for velocipede; 26192; 7th July; 71; 26th August.

Wallace, H., Porepunkah, Victoria; chaff-cutter safety-device; 26101; 17th June; 63; 29th July.\*

Warren, A. J., and others, Leopold, Victoria; ploughing and cultivating implement; 26206; 8th July; 66; 12th August.\*

Washer, W. C., and another, Dunedin, New Zealand; table; 26499; 26th August; 85; 7th October.\*

Waters, R. J., Blenheim, New Zealand; fastening fencing-wires to standard; 24996; 1st October, 1908; 71; 26th August.

Waters, W. H., Melbourne, Victoria; straightway valve; (Stewarts and Lloyds, Limited—S. Masters); 26368; 3rd August; 85; 7th October.

Wearn, J. S., Christchurch, New Zealand; churn-tap; 26474; 25th August.

Weaver, S., and another, Coburg, Victoria; telephone-accessory; 26117; 23rd June; 63; 29th July.

Webster, E. A., Haverhill, United States America (see United Shoe Machinery Company, No. 25199).

Weir, W., Dunedin, New Zealand; clothes-washing machine; 26303; 26th July; 71; 26th August.\*

Wells, H. G., and another, Moonee Ponds, Victoria; jute-bagging manufacture; 25938; 12th May; 66; 12th August.\*

Wells, T. A., and others, Wellington, New Zealand; apparatus for cleaning and oiling tramway-rails; 26593; 15th September; 93; 4th November.\*

Wertheim (see Lowenstein-Wertheim).

Westbrook, S., Wanganui, New Zealand; body sponge and brush; 26484; 26th August; 88; 21st October.\*

Whatman, C. H., Fairlie, New Zealand; guard-rail on tram-cars; 26636; 21st September.

Wheeler, J. E., and another, Dunedin, New Zealand; water sprayer or sprinkler; 26209; 8th July.

Whitaker, C. G., and another, Christchurch, New Zealand (see Booth, McDonald, and Co., Limited, No. 26455).

White, P. T., and another, Maylands, West Australia; cantilting appliance; 26165; 30th June; 71; 26th August.

Whiteside, A. J., Whangamarino, New Zealand; method of handling flax-fibre; 26265; 17th July; 66; 12th August.\*

Wilkinson, C. J., Dunedin, New Zealand; trolley-head controller; 26315; 28th July; 71; 26th August.\*

Williams, J., and another, Penrose, New Zealand; brake; 26244; 12th July; 66; 12th August.\*

Williams, J., Napier, New Zealand; easy-chair; 26573; 9th September; 93; 4th November.\*

Williams, J. R., and others, Sheffield, England; obtaining zinc or copper from complex ores; 26558; 9th September; 93; 4th November.

Williams, R. B., Winton, New Zealand; mop-wringer; 24921; 14th September, 1908; 71; 26th August.

Williams, R. B., Winton, New Zealand; branding-appliance; 26553; 9th September; 88; 21st October.\*

Williamson, H., Auckland, New Zealand; window-fastener; 26453; 18th August; 78; 23rd September.\*

Williamson, H., Auckland, New Zealand; non-refillable bottle; 26454; 18th August; 78; 23rd September.\*

Wilshire, A., Manilla, New South Wales; seat for sul kies; 26335; 3rd August; 78; 23rd September.

Wilson, A. H., and another, Kokiri, New Zealand; aeroplane; 26642; 21st September.

Wilson, J., Christchurch, New Zealand; interchangeable extension-table; 26562; 10th September; 93; 4th November.\*

Wilson, P., and another, Sydney, New South Wales; clip and suspender for books; 26204; 5th July; 66; 12th August.\*

Withell, W., Brookside, New Zealand; flying-machine; 26404; 10th August; 78; 23rd September.\*

APPLICANTS FOR LETTERS PATENT—*continued.*

- Wood, H. A. W., New York, United States America (see J. T. Hunter, No. 26632).  
 Wood, H. J., Christchurch, New Zealand; kettle-lid; 26108; 22nd June; 63; 29th July.  
 Woods, W., Burwood, New South Wales; treating calcium-carbide; 26463; 20th August; 85; 7th October.\*  
 Woolley, A. E., Auckland, New Zealand; rain, &c., excluder for door; 24960; 23rd September, 1908; 85; 7th October.  
 Worthington, I. A., and another, Waitara, New Zealand; reinforced-concrete post; 26070; 11th June; 63; 29th July.  
 Wright, S., Fairview, New Zealand; acetylene-generator; 25014; 5th October, 1908; 71; 26th August.  
 Wright, A. H., Melbourne, Victoria; displaying advertisements; 26308; 23rd July; 71; 26th August.\*  
 Wright, A. H., Dunedin, New Zealand; advertising-apparatus; 24700; 18th July, 1908; 63; 29th July.  
 Wright, E., Pinner, England; decorticating fibre; 25908; 5th May; 66; 12th August.  
 Wynyard, M. H., and another, Auckland, New Zealand; holding fibre on wires in field; 24344; 29th April, 1908; 66; 12th August.  
 Wynyard, M. H., and another, Auckland, New Zealand; flax-dressing; 24346; 29th April, 1908; 66; 12th August.  
 Wynyard, M. H., and another, Auckland, New Zealand; flax-catcher; 26280; 22nd July; 71; 26th August.\*  
 Wynyard, M. H., Onehunga, New Zealand; drying flax; 26548; 6th September.  
 Yancey, A., Biloxi, United States America; method and apparatus for shucking crustacea; 26591; 15th September; 93; 4th November.  
 Young and Co., Auckland, New Zealand; aerated-liquid dispenser; 26587; 15th September.  
 Young and Co., Auckland, New Zealand; dispensing aerated liquids from bulk; 26616; 18th September.  
 Young, C., Evansford, Victoria; collar for draft animals; 26263; 19th July; 66; 12th August.\*  
 Younghusband, O. R., Wellington, New Zealand; composition of matter as substitute for wood; 26516; 2nd September; 93; 4th November\*.

**Alphabetical List of Inventions for Quarter ending 30th September, 1909.**

THIS list includes also (1) applications lodged prior to but gazetted during the quarter, (2) complete specifications following provisional specifications accepted or gazetted during the quarter. The first number and date are those of the application; the number and date following in parentheses refer to the *Gazette* containing the notification of acceptance. Where the number and date of the *Gazette* are omitted, the application has not yet been accepted.

\* Denotes a provisional specification. † Denotes a prior date under the International and Intercolonial Arrangements.

- Account-book; J. W. Bates; 25956; 19th May (66; 12th August\*).\*  
 Account-book, loose-leaf; H. M. Douglas; 26374; 6th August (85; 7th October\*).\*  
 Acetylene-generator; S. Wright; 25014; 5th October, 1908 (71; 26th August).  
 Acetylene-generator; S. H. Ramsbotham; 26042; 8th June (63; 29th July\*).\*  
 Acetylene-generator; H. W. Davies; 26291; 26th July (78; 23rd September).  
 Acetylene-generator; G. S. Thomson; 26323; 29th July.  
 Acetylene-generator; C. E. McKenzie; 26394; 10th August.  
 Acetylene-generator valve-mechanism; G. S. Thomson and G. P. Dyer; 26467; 21st August (85; 7th October).  
 Acetylene-generator; T. Ballinger and Co.; 26037; 7th June (63; 29th July).  
 Acetylene-generator; F. A. Cooper; 26093; 17th June (63; 29th July\*).\*  
 Acetylene-generator and holder; R. L. H. Murray; 26261; 17th July (66; 12th August).  
 Acetylene-generator carbide-tray; New Zealand Acetylene Gas Lighting Company, Limited; 26103; 19th June (66; 12th August).  
 Adding-machine; C. J. Tattam and H. Clarke; 26447; 18th August (78; 23rd September\*).\*  
 Advertisement-displayer; W. E. Holden; 26292; 24th July (71; 26th August\*).\*  
 Advertisement-displayer; A. H. Wright; 26308; 28th July (71; 26th August\*).\*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

- Advertising-apparatus; A. H. Wright; 24700; 18th July, 1908 (63; 29th July).  
 Advertising and exhibiting apparatus; C. A. Gee; 26468 24th August (88; 21st October).  
 Advertising-cabinet; J. Little; 26091; 15th June (63; 29th July\*).\*  
 Aerated liquid draw-off; Young and Co; 26616; 18th September.  
 Aerating and bottling machine; C. M. Browne; 26640; 23rd September.  
 Aerial machine; D. Armishaw; 26339; 3rd August (71; 26th August\*).\*  
 Aerial machine; W. Withell; 26404; 10th August (78; 23rd September\*).\*  
 Aerial machine; H. P. Knutzen; 26415; 11th August (78; 23rd September\*).\*  
 Aerial machine, steering, &c., device; J. P. H. Lund; 26508; 1st September (88; 21st October).  
 Aeronautical apparatus; E. L. Barton; 24838; 25th August, 1908 (59; 15th July).  
 Aeroplane; A. H. Edwards and M. D. Rucker; 26012; 1st June (66; 12th August).  
 Aeroplane; L. G. Grace; 26087; 16th June (66; 12th August\*).\*  
 Aeroplane; C. S. McLean; 26110; 22nd June (66; 12th August\*).\*  
 Aeroplane; W. F. Remus; 26309; 29th July (71; 26th August\*).\*  
 Aeroplane; P. Ellis and W. Forester; 26363; 5th August (75; 9th September\*).\*  
 Aeroplane; A. W. Schaeff; 26501; 30th August (85; 7th October\*).\*  
 Aeroplane; A. W. Schaeff; 26532; 6th September (88; 21st October\*).\*  
 Aeroplane; P. S. O'Neill and A. H. Wilson; 26642; 21st September.  
 Air-ship; A. E. Johns; 26671; 30th September.  
 Agricultural implement; D. McCurdy; 26182; 29th June (63; 29th July\*).\*  
 Agricultural-implement handle; D. M. Anderson; 26574; 10th September.  
 Air-motor; H. R. R. Lohmann; 26171; 30th June (66; 12th August).  
 Air supplier and carburetter. (See Carburetter.)  
 Alarm. (See Fire-alarm, Speed-alarm.)  
 Alcohol extraction from flax-waste; 26329; 29th July (71; 26th August\*).\*  
 Amalgamator; T. Chadwick; 26515; 2nd September (85; 7th October\*).\*  
 Anglemeter-attachment; F. R. Trevithick; 26561; 8th September (88; 21st October\*).\*  
 Animal. (See Draught animal).  
 Animal-cover; H. Henderson; 26141; 25th June (63; 29th July\*).\*  
 Animal-cover; J. F. Jeune; 26652; 28th September (93; 4th November).  
 Animal-decaudator. (See Decaudator, &c.)  
 Animal-trap; M. A. Kinney; 26186; 2nd July (66; 12th August\* and 88; 21st October).  
 Animal-trap; E. G. F. C. Sander; 26341; 3rd August.  
 Anti-corrosive and anti-fouling compound; W. Christian; 26465; 24th August (88; 21st October).  
 Apple grader, peeler, &c. (See Grader, Peeler, &c.)  
 Artificial minnow; A. Hormann; 26449; 17th August (78; 23rd September).  
 Axle, self-oiling; J. L. MacDonald; 26107; 22nd June (63; 29th July\*).\*  
 Bag, damp-proof for cement, &c.; W. J. Love; 25853; 2nd August (78; 23rd September).  
 Bag-filling machine; M. B. Peck; 26354; 4th August (78; 23rd September).  
 Bag-holder. (See Chaff-cutter, Bag-holder.)  
 Bag-printing machine; T. Brown; 26349; 4th August (78; 23rd September).  
 Bagging. (See Jute-bagging.)  
 Ball-valve; H. Smart; 26414; 9th August (85; 7th October\*).\*  
 Barrel lid or cover; Booth, Macdonald, and Co., Limited; 26455; 20th August.  
 Barrel, removing sediment from; S. Levy; 26608; 14th September.  
 Barrow; J. T. Kibblewhite; 26330; 2nd August (75; 9th September\*).\*  
 Barrow-wheel; A. J. Bond; 26137; 24th June (63; 29th July\*).\*  
 Battery. (See Primary battery.)  
 Beating and finishing machine; F. L. Alley; 26547; 10th November, 1908† (88; 21st October).  
 Bed; C. W. Clayton; 26073; 15th June (63; 29th July\*).\*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Bedstead; H. North; 26252; 19th July (71; 26th August\*  
 Bedstead; H. North; 26418; 13th August (78; 23rd  
 September\*  
 Bedstead; E. Brydges; 26560; 9th September (88; 21st Oc-  
 tober\*  
 Belt. (See Body-belt.)  
 Beer-register; E. and W. Berg; 26157; 30th June (75;  
 9th September\*  
 Bicycle. (See Cycle.)  
 Billiard-chalk holder; W. J. H. Beach; 26200; 7th July  
 (66; 12th August\*  
 Billiard-dining-table adjuster; W. J. Jupp; 26658; 29th  
 September.  
 Billiard-game; R. Thomas; 26259; 17th July (75; 9th  
 September\*  
 Billiard-table; J. E. Brydges; 26319; 30th July (75;  
 9th September\*  
 Billiard-marking register; A. C. Dennes; 26369; 4th  
 August (71; 26th August\*  
 Binding-file; D. Taylor; 24910; 9th September, 1908 (75;  
 9th September).  
 Bird-decoy; A. M. Grainger; 26487; 24th August.  
 Blasting fumes, neutralising; W. S. Bayston; 26488; 24th  
 August (85; 7th October\*  
 Blind. (See Venetian blind.)  
 Body-belt; H. L. Blackwell; 26603; 15th September (88,  
 21st October).  
 Boiler. (See Steam-boiler, Gas-oven boiler, Wash-boiler.)  
 Boiler feed-pump; J. Edwards and W. G. Bowden; 26318;  
 29th July (71; 26th August\*  
 Book. (See Invoice-book, Account-book, Reference-book.)  
 Book clip and suspender; P. Wilson and H. R. Pike; 26204;  
 5th July (66; 12th August\*  
 Book-support; G. W. Gough; 24771; 8th August 1908  
 (59; 15th July).  
 Boot. (See Football-boot.)  
 Boot; H. Bostock; 24775; 7th August, 1908 (59; 15th  
 July).  
 Boot back-seam stay; C. W. Clayton; 26385; 9th August  
 (75; 9th September\*  
 Boot-heel; C. W. Clayton; 26139; 28th June (63; 29th  
 July\*  
 Boot-heel; W. J. Harvey; 26605; 15th September.  
 Boot-heel pad and plate; J. C. Hancock; 26228; 13th July.  
 Boot-inseam trimming-machine; United Shoe Machinery  
 Company; 25203; 11th November, 1908 (75; 9th Sep-  
 tember.  
 Boot-insole; C. W. Clayton; 26000; 31st May (63; 29th  
 July\*  
 Boot-machine; United Shoe Machinery Company; 25103;  
 21st October, 1908 (66; 12th August).  
 Boot-machine; United Shoe Machinery Company; 25314;  
 9th December, 1908 (66; 12th August).  
 Boot-machine; United Shoe Machinery Company; 26270;  
 22 July (66; 12th August\*  
 Boot-machine; United Shoe Machinery Company; 26399;  
 11th August (75; 9th September\*  
 Boot-machine; United Shoe Machinery Company; 26400;  
 11th August (75; 9th September\*  
 Boot-machine; United Shoe Machinery Company; 26595  
 and 26596; 15th September (88; 21st October\*  
 Boot-machine; United Shoe Machinery Company; 26599;  
 15th September.  
 Boot-machine, fastener-insertor; United Shoe Machinery  
 Company; 26269; 22nd July (66; 12th August\*  
 Boot-machine, fastener-insertor; United Shoe Machinery  
 Company; 26398; 11th August (75; 9th September\*  
 Boot-machine, fastener-insertor; United Shoe Machinery  
 Company; 26598; 15th September.  
 Boot-machine, heel-blocking device; United Shoe Machinery  
 Company; 26602; 15th September.  
 Boot-machine, heel-nailing device; United Shoe Machinery  
 Company; 25199; 11th November, 1908 (66; 12th  
 August).  
 Boot-machine, heel-nailing device; United Shoe Machinery  
 Company; 26601; 15th September.  
 Boot-machine, pegging-apparatus; United Shoe Machinery  
 Company; 26624; 21st September; 93; 4th November.  
 Boot-machine, tack-pulling device; United Shoe Machinery  
 Company; 26600; 15th September.  
 Boot-machine, work-support; United Shoe Machinery Com-  
 pany; 24933; 17th September, 1908 (63; 29th July).  
 Boot-machine, work-support; United Shoe Machinery Com-  
 pany; 26597; 15th September; (88; 21st October\*  
 Boot-press; United Shoe Machinery Company; 25104;  
 21st October, 1908 (66; 12th August).  
 Boot-press; United Shoe Machinery Company; 26442, 26443,  
 and 26444; 18th August (75; 9th September\*  
 Boot-press, resurfacing; United Shoe Machinery Company;  
 25200; 11th November, 1908 (85; 7th October).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Boot-sewing machine; United Shoe Machinery Company;  
 24932; 17th September, 1908 (78; 23rd September).  
 Boot-sole levelling machine; United Shoe Machinery Com-  
 pany; 26122; 23rd June (63; 29th July).  
 Boot-upper conforming machine; United Shoe Machinery  
 Company; 25103; 21st October, 1908 (66; 12th August).  
 Bottle; R. W. Swindley; 26325; 31st July (75; 9th Sep-  
 tember\*  
 Bottle, non-refillable; H. Fisher; 26337; 3rd August (75;  
 9th September\*  
 Bottle, non-refillable; H. Williamson; 26454; 18th August  
 (78; 23rd September\*  
 Bottle-capsuling machine; A. J. L. Lassen; 26440; 1st Sep-  
 tember, 1908† (78; 23rd September).  
 Bottle-capsuling machine; A. J. L. Lassen; 26466; 21st  
 January† (85; 7th October).  
 Bottle-funnel; J. S. Browne; 26353; 4th August.  
 Bottle, maintaining heat in; C. S. Munro; 26381 (88; 21st  
 October\*  
 Bottle-spout; A. B. Pownall; 26460; 21st August.  
 Bottle-stopper; H. Fisher; 26402; 10th August.  
 Bracket. (See Spouting-bracket.)  
 Brake; E. de Cossey and J. Williams; 26244; 12th July  
 (66; 12th August\*  
 Brake. (See also Fluid-pressure brake, Tram-car brake.)  
 Brake-block; W. T. Buckland; 26th July (71; 26th  
 August\*  
 Branding-appliance; W. A. McNaught; 26096; 15th June  
 (63; 29th July\*  
 Branding-appliance; R. B. Williams; 26553; 9th September  
 (88; 21st October\*  
 Bread-toaster; J. Foster; 26215; 10th July (63; 29th  
 July\*  
 Briquette-manufacture; J. P. Nelson; 26392; 10th August.  
 Briquette-manufacture; J. H. Skeleton; 26504; 31st  
 August (88; 21st October).  
 Briquette-manufacture; J. Gill; 26631; 22nd September  
 (93; 4th November).  
 Broom; W. Smart; 26275; 22nd July (75; 9th September).  
 Broom; L. J. Abrams; 26434; 18th August (85; 7th  
 October\*  
 Broom and brush holder; H. Brown; 26056; 10th June (66;  
 12th August\*  
 Brush-making machinery; W. J. Robertson; 24443; 22nd  
 May, 1907 (75; 9th September).  
 Brush. (See Broom, Sponge and brush).  
 Brick, pottery, &c., manufacture; F. Lough and W. J. L.  
 Hayter; 26373; 6th August (85; 7th October).  
 Brooch-pin; P. J. de la Haye; 26459; 19th August.  
 Bubbles, blowing. (See Soap-bubbles, &c.)  
 Buddle, rotary; H. T. Fletcher; 25389; 29th December  
 (78; 23rd September).  
 Building-construction. (See Wall-construction.)  
 Bullet for small arms; H. J. Chaffey; 26184; 2nd July (66;  
 12th August\*  
 Building-slab; J. C. Snelling; 26249; 22nd July, 1908†.  
 Butter-cooler; J. H. Bettany; 26639; 23rd September.  
 Butter cooler and warmer; G. Heffron; 26377; 7th August  
 (85; 7th October).  
 Butter, withdrawing, from churn; C. Camm; 26195; 7th  
 July (66; 12th August\*  
 Button-clip; A. E. Foothead and W. Harwood; 26236;  
 15th July (66; 12th August\*  
 Cabinet. (See Display-cabinet.)  
 Cabinet, self-locking; G. H. Robinson; 26202; 5th July  
 (71; 26th August).  
 Cable-drying; Perks, Dane, and Co., Proprietary, Limited;  
 26287; 23rd July (75; 9th September).  
 Cake-tin; H. W. and W. W. Jones and E. Foote; 26380;  
 5th August (71; 26th August\*  
 Calcium-carbide treatment; W. Woods; 26463; 20th August  
 (85; 7th October\*  
 Camp-stove; C. E. Rae; 26634; 22nd September.  
 Candle-extinguisher; L. G. F. Spry; 26241; 14th July  
 (66; 12th August\*  
 Can-jointing material; G. E. Andrew and S. W. Laek;  
 25936; 12th May (63; 29th July).  
 Carburetter; J. G. L. Stephenson; 26295; 26th August,  
 1908.†  
 Carburetter; J. Blakey; 26333; 12th August, 1908† (85;  
 7th October).  
 Carburetter; F. C. Lynde and C. V. Haworth; 26506; 1st  
 September (88; 21st October).  
 Carburetter; C. M. Officer; 26514; 2nd September (85;  
 7th October\*  
 Carburetter; N. W. Pill; 26397; 13th August, 1908.†  
 Carburetter and air supplier; H. C. L. Rolfe; 26256; 20th  
 July.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Cards. (See Playing-cards.)  
 Cardboard-box, collapsible; A. and K. Service; 26378; 5th August.  
 Cart. (See Push-cart.)  
 Castor. (See Furniture-castor.)  
 Cauterizing-instrument, &c.; A. B. Bettington; 26350; 4th August (75; 9th September).  
 Cauterizing-instrument, &c.; S. J. Phillips; 26650; 1st October, 1908† (93; 4th November).  
 Chair-strap for holding child; W. S. Ramson; 26266; 17th July (71; 26th August\*).  
 Ceiling-light. (See Ventilator and ceiling-light.)  
 Chaff-cutter bag-holder; D. Kay; 26136; 24th June (63; 29th July\*).  
 Chaff-cutter feed; J. Thomas; 26131; 22nd June (63; 29th July\*).  
 Chaff-cutter knife-sharpener; E. Turpin; 26348; 4th August (75; 9th September\* and 88; 21st October).  
 Chaff-cutter safety-device; H. Wallace; 26101; 17th June (63; 29th July\*).  
 Chair. (See Easy-chair, Rocking-chair.)  
 Chalk. (See Billiard-chalk.)  
 Chamber. (See Cool chamber.)  
 Chalk-sharpener; C. Craig; 26629; 22nd September.  
 Chimney. (See Ventilator, &c.)  
 Churn, withdrawing butter from; C. Camm; 26195; 7th July (66; 12th August\*).  
 Churn-tap; J. S. Wearn; 26474; 25th August.  
 Cigarette-holder; W. Levinson; 25292; 2nd December (75; 9th September).  
 Clip. (See Button-clip, Reference-book clip, Spring-clip.)  
 Clock. (See Turret-clock.)  
 Closet. (See Dry closet, Earth-closet, Water-closet.)  
 Closet-disinfector; N. Ogden; 26537; 28th November, 1908† (88; 21st October).  
 Closet or commode; G. W. Berry; 26477; 25th March† (85; 7th October).  
 Clothes-drying apparatus; H. F. Nelson; 26545; 8th September (88; 21st October\*).  
 Clothes-peg; J. F. Gunn; 26452; 18th August (85; 7th October\*).  
 Clothes-washer; W. Weir; 26303; 26th July (71; 26th August\*).  
 Cistern. (See Water-closet flush.)  
 Coal, &c., distillation; T. Parker; 26146; 29th June (66; 12th August).  
 Coal, &c., distillation; T. Parker; 26391; 10th August (85; 7th October\*).  
 Coal gas. (See Gas-manufacture.)  
 Coal-holder; P. Kahlenberg; 26614; 15th September.  
 Coal-scuttle; W. E. Kilroy; 26211; 7th July (66; 12th August\*).  
 Cock. (See Street-cock.)  
 Coin-freed mechanism; C. E. Hibberd; 26557; 9th September (93; 4th November).  
 Colander; J. C. Oliver; 25093; 20th October, 1908 (75; 9th September).  
 Collar. (See Draught-animal collar, Horse-collar, Shirt-collar.)  
 Concentrator; C. A. La Point and W. F. Dawson; 26407; 12th August (88; 21st October).  
 Concrete-cylinder former; H. Siegwart; 26556; 9th September.  
 Concrete-former; A. J. Eggleton; 26283; 22nd July (75; 9th September).  
 Confectionery-centres; G. Scott; 25866; 26th April (66; 12th August).  
 Cooking-box; H. C. Ittershagen; 26274; 22nd July.  
 Cooking-oven; C. A. Legg; 26188; 27th July (75; 9th September).  
 Cooking-oven; T. B. Longstaff; 26338; 3rd August (71; 26th August\*).  
 Cooking, steam; E. W. Hursthouse; 25108; 21st October, 1908 (75; 9th September).  
 Cooking-utensil; W. J. Philips; 26513; 2nd September.  
 Cool chamber; M. Mederer; 25544; 14th June (63; 29th July).  
 Copper, &c., extraction; J. R. Williams and H. W. and B. Bradley; 26558; 9th September (93; 4th November).  
 Copper-furnace; J. Martin; 26622; 21st September.  
 Copying-press. (See Letter-copying press.)  
 Cornice-mould; T. J. Palmer; 26420; 14th May† (78; 23rd September).  
 Corset; Sandow, Limited; 26555; 9th September.  
 Corset; L. M. Phillips, A. Nicholson, and D. McKenzie; 26457; 19th August (85; 7th October\*).  
 Cot. (See Hammock and cot.)  
 Cot, self-levelling; Anne of Lowenstein-Wertheim; 26464; 24th August (85; 7th October).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Coupling. (See Railway-coupling, Rope-coupling, &c.)  
 Couch; Archbold Bros.; 26581; 13th September.  
 Cover. (See Animal-cover, Tire-cover.)  
 Cow-bail; E. A. McKinlay; 26151; 29th June (63; 29th July\*).  
 Crane and gear; A. Falkner; 26169; 30th June (78; 23rd September).  
 Cradle; F. B. K. McArthur; 26635; 22nd September (93; 4th November\*).  
 Crate, collapsible; H. Dennis and T. Varcoe; 26425; 13th August (85; 7th October\*).  
 Crate, collapsible; E. L. Holly and A. E. Radford; 26592; 15th September (93; 4th November).  
 Crate, collapsible; G. Huie and J. Glassop; 26664; 29th September (93; 4th November).  
 Crucible-furnace; W. Miller; 26367; 3rd August (85; 7th October).  
 Curd-agitator. (See Milk-agitator.)  
 Curtain-poles, raising, &c.; J. Scott; 26609; 14th September.  
 Cutter for sheet material; United Shoe Machinery Company; 26441; 18th August (75; 9th September)\*.  
 Cutting and cauterizing. (See Cauterizing, &c., instrument.)  
 Cycle-attachment; M. J. Gartlan; 26476; 26th August (85; 7th October\*).  
 Cycle-driving gear; W. T. Buckland; 26301; 26th July (71; 26th August\*).  
 Cycle-handle bar; W. C. Mead; 25021; 6th October, 1908 (71; 26th August).  
 Cycle-handle bar; W. H. Fitchett; 26332; 3rd August (71; 26th August\*).  
 Cycle-mudguard; A. M. Perry; 24785; 12th August, 1908 (59; 15th July).  
 Cycle-propeller; J. T. and W. H. Hooper; 26421; 14th August.  
 Curtain-pole lifter; J. Loggie and R. H. Moon; 26535; 3rd September (85; 7th October\*).  
 Damp-proof bag. (See Bag, damp-proof.)  
 Decanting liquids; W. A. Ross; 25927; 7th May (71; 26th August\*).  
 Decaudator; A. B. Bettington; 26350; 4th August (75; 9th September).  
 Decoy. (See Bird-decoy.)  
 Dental-filing apparatus; D. S. Mackenzie; 26257; 20th July (66; 12th August\*).  
 Dental filling, making; D. S. Mackenzie; 26111; 22nd June (63; 29th July\*).  
 Deodorant-distributor; A. Anderson; 26059; 9th April† (66; 12th August).  
 Desk. (See School-desk.)  
 Developer. (See Electric developer.)  
 Diamond. (See Glazier's diamond.)  
 Die-making method; J. M. Lynch; 26271; 7th December, 1908† (88; 21st October).  
 Differential-gear lock; J. Deegan; 26277; 19th July (71; 26th August\*).  
 Display cabinet; J. Little; 26091; 15th June (63; 29th July\*).  
 Document-file; E. L. Barton; 24666; 25th July, 1908 (59; 15th July).  
 Door-holder; H. O. Bioletti; 26568; 9th September.  
 Door-closer; W. Duggan, jun.; 26174; 27th June; (71; 26th August\*).  
 Draught-animal collar; C. Young; 26263; 19th July (66; 12th August\*).  
 Draught, dust, &c., excluder; A. E. Woolley; 24960; 23rd September, 1908 (85; 7th October).  
 Draught-equaliser for horses, &c.; J. Thomson; 26217; 12th July.  
 Draught-regulator for fireplace; W. F. Draffin; 26221; 12th July.  
 Dray-elevator; D. McCurdy; 26324; 30th July.  
 Dredge-bucket; W. T. Taylor; 26276, 26299, and 26386; 23rd July (71; 26th August\*).  
 Drench. (See Horse-drench.)  
 Dress-stiffener; A. Edmond; 26497; 27th August.  
 Dressing-table; T. Martyn; 26529; 6th September (85; 7th October).  
 Drill-hoe support; J. Thomas; 26132; 22nd June (63; 29th July\*).  
 Dumping sand, &c.; H. Dunn; 26238; 14th July (66; 12th August\*).  
 Driving-gear. (See Locomotive driving-gear, Machinery driving-gear.)  
 Dry closet; G. W. Berry; 26207; 3rd August, 1908† (71; 26th August).  
 Dynamo; C. A. Parsons; 26334; 3rd August (85; 7th October).

ALPHABETICAL LIST OF INVENTIONS--*continued.*

Ear-marking device; G. W. Penney; 26286; 22nd July (66; 12th August\*).

Earth-closet; J. Baird; 25044; 7th October, 1908 (59; 15th July).

Easy-chair; J. Williams; 26573; 9th September (93; 4th November\*).

Easy-chair; T. Barton; 24915; 12th September, 1908 (63; 29th July).

Egg-carrier; W. Read; 26267; 22nd July.

Egg-tester; A. Brown; 26617; 18th September.

Electric battery; G. Schauli; 26251; 19th July (75; 9th September).

Electric developer; J. F. Bailey; 25013; 1st October, 1908 (75; 9th September).

Electric-lamp filament; J. Meszaros; 26649; 28th September.

Electric signal-lamp; E. Brammer; 26422; 10th August.

Electrical installation, safety-fuse; A. Huber; 26546; 8th September (88; 21st October\*).

Electro-surgical appliance; G. R. Rowe and W. Stenhouse; 24895; 7th September, 1908 (85; 7th October).

Electrolytic cell; J. R. Williams and H. W. and B. Bradley; 26558; 9th September.

Elevator. (See Dray-elevator, Lift).

Electrical energy, transforming; C. O. Bastian; 26664; 25th September (93; 4th November).

Engine. (See Internal-combustion engine, Traction-engine, Turbine, &c.)

Engine-exhaust, utilising; P. A. and C. W. Le Marquand; 24860; 31st August, 1908 (59; 15th July).

Engine-lubricator; J. Treloar; 26106; 19th June (63; 29th July\*).

Excavating-machine; G. H. Dunlop; 26078; 16th June; (71; 26th August).

Excavating-machine; W. Castles; 26610; 14th September (93; 4th November).

Exhaust. (See Engine-exhaust.)

Exhibiting, &c., apparatus. (See Advertising, &c., apparatus.)

Explosive compound, &c.; G. Lezinsky; 26250; 19th July (75; 9th September).

Explosive compound, &c.; B. E. D. Kilburn; 26296 and 26297; 27th July, 1908.†

Fastener. (See Show-case fastener.)

Feed-gear. (See Bench feed-gear.)

Feeding-bottle, maintaining heat in; C. S. Munro; 26381; 5th August (88; 21st October\*).

Fence-post; T. French; 24956; 18th September, 1908 (59; 15th July).

Fence-post; G. Hall and I. A. Worthington; 26070; 11th June; 63; 29th July.

Fence post-hole digger; A. Ferris and J. J. Poynton; 24961; 23rd September, 1908 (66; 12th August).

Fencing-batten; J. Green; 26491; 27th August; 85; 7th October.

Fencing-staple; F. M. Hammond; 26503; 31st August (88 21st October\*).

Fencing-standard; A. M. Hansen; 26285; 22nd July (66; 12th August\*).

Fencing-wire fastener; R. R. J. Waters; 24996; 1st October, 1908 (71; 26th August).

Ferro-concrete former; H. H. Adams; 26235; 12th July.

Fibre-decorating; E. Wright; 25908; 5th May (66; 12th August).

Fibre-drying; C. Suttie and M. D. Wynyard; 24344; 29th April, 1908 (66; 12th August).

Fibre-washing machine filter; J. M. Collins, J. Low, and A. Burges; 26429; 17th August.

Filament lamp; J. Meszaros; 26649; 28th September.

File. (See Binding-file, Document-file.)

Filter. (See Fibre-washing-machine filter, Table-filter.)

Fire-alarm; A. Smith; 26159; 14th April (66; 12th August).

Fire-alarm; O. B. Elliott; 26264; 19th July (66; 12th August\*).

Firebars; A. Esplen; 26193; 7th July (71; 26th August).

Fire-blower for grate; M. M. Walker; 26304; 23th July.

Fire-extinguisher; F. Larkin; 26521; 1st September.

Fire-grate; C. Tandy; 26231; 13th July (66; 12th August\*).

Fire-place draught. (See Draught-regulator.)

Fish-preserving; W. A. Benn and E. S. Stokes; 26512; 2nd September (85; 7th October\*).

Fish-scaling; H. B. Tucker; 26179; 2nd July (63; 29th July\*).

Flax. (See Fibre.)

Flax-catcher; R. McGaffin; 24943; 17th September, 1908 (78; 23rd September).

Flax-catcher; C. Suttie and M. H. Wynyard; 26280; 22nd July (71; 26th August\*).

ALPHABETICAL LIST OF INVENTIONS--*continued.*

Flax cutter and binder; A. L. J. Tait; 26412; 10th August (85; 7th October\*).

Flax-dressing; C. Suttie and M. H. Wynyard; 24346; 29th April, 1908 (66; 12th August).

Flax-drying apparatus; C. Suttie and M. H. Wynyard; 26548; 6th September).

Flax-fibre brushing; J. Bate; 26359; 3rd August.

Flax-handling device; A. J. Whiteside; 26265; 17th July (66; 12th August\*).

Flax-machine; G. Walker; 26475; 24th August.

Flax-preparation; L. M. M. Monteath; 25073; 13th October (71; 26th August).

Flax-scutocher, dry; C. J. H. Thomson; 26669; 29th September.

Flax-scutocher, wet; C. J. H. Thomson; 26668; 29th September.

Flax-stripper; T. Telford; 26406; 10th August (85; 7th October\*).

Flax-stripper; J. Low; 26637; 23rd September.

Flax-stripper bars, grinding; R. McGaffin; 26170; 28th June (78; 23rd September).

Flax-treatment; W. Seifert and W. Campbell; 24734; 29th July, 1908 (63; 29th July).

Flax-treatment; J. Forsyth; 26347; 4th August (85; 7th October\*).

Flax-treatment; Utility Manufacturing Company, Limited; 26365; 5th August (85; 7th October\*).

Flax-treatment; J. M. Collins and J. Low; 24859; 31st August, 1908 (66; 12th August).

Flax-treatment; C. J. H. Thomson; 26284; 22nd July (75; 9th September\*).

Flax-washer; C. J. H. Thomson; 26260; 17th July (75; 9th September\*).

Flax-washer; J. M. Collins, J. Low, and A. Burges; 26430; 17th August (75; 9th September\*).

Flax washer and brusher; J. Bate; 26583; 13th September.

Flax-waste, making alcohol from; G. Walker and C. R. Bell; 29th July (71; 26th August\*).

Flax-waste utilisation; G. Walker and C. R. Bell; 26448; 16th August (78; 23rd September).

Floor-polisher; W. G. Hancox; 26331; 2nd August (71; 26th August\*).

Flooring-composition; W. Reece; 26653; 28th September.

Flooring and paving composition; J. H. Amies; 26018; 1st June (63; 29th July).

Flooring and paving composition; H. Butterworth; 25217; 10th November, 1908 (85; 7th October).

Flour-milling; A. E. Humphries; 26130; 22nd June (66; 12th August).

Fluid-machine; H. S. Hele-Shaw; 26149; 29th June (66; 12th August).

Fluid-pressure brake; J. W. Cloud; 26436; 27th August, 1908† (78; 23rd September).

Flushing-cistern. (See Water-closet flush.)

Flying-machine. (See Aerial machine, Aeroplane.)

Food-receptacle; H. T. Twiss; 25637; 4th March (63; 29th July\*).

Football-boot; W. F. Munn; 26255; 20th July (66; 12th August\*).

Foot-warmer. (See Perambulator foot-warmer.)

Former. (See Ferro-concrete former.)

Franking-machine; F. A. and A. P. Fischer; 26510; 1st September (85; 7th October\*).

Franking-machine; A. J. Park; 26527; 3rd September (85; 7th October\*).

Fumes, neutralising. (See Blasting-fumes, &c.)

Funnel. (See Bottle-funnel.)

Fuse. (See Electrical installation, &c.)

Furnace. (See Copper-furnace, Crucible-furnace, Steam-boiler furnace.)

Furniture-castor; C. H. Scales; 26069; 14th June (66; 12th August\*).

Game; J. Ellis; 26328; 29th July (71; 26th August\*).

Game; J. Rodger; 26541; 7th September (88; 21st October\*).

Garment-stay machine; E. S. Baldwin; 26213; 9th July (63; 29th July).

Gas-generator. (See Acetylene-generator, Carburetter, Gas-producer, &c.)

Gas-compressor for lamp; W. H. Chipperfield; 26584; 13th September.

Gas-cooker; H. Allan; 26424; 13th August (85; 7th October\*).

Gas-engine. (See Internal-combustion engine.)

Gas, incandescing; G. W. Davies; 26471; 25th August (85; 7th October\*).

Gas-lamp lighter and extinguisher; N. S. McNab and J. S. Link; 26490; 25th September, 1908† (88; 21st October).

## ALPHABETICAL LIST OF INVENTIONS—continued.

Gas-manufacture; H. W. Atkinson; 26177; 2nd July.  
 Gas-oven boiler; W. Keymer and F. Parsons; 26144; 25th June (71; 26th August\*);  
 Gas-producer; F. C. Lynde and C. V. Howarth; 26506; 1st September (88; 21st October).  
 Gas producer, hydrocarbon-; J. A. Paterson; 25042-9th October, 1908 (78; 23rd September).  
 Gas producer, hydrocarbon-; W. A. Chambers and W. H. Booth; 26242; 14th July (78; 23rd September).  
 Gas producer, hydrocarbon-; H. Clapham; 26525; 4th September (85; 7th October\*);  
 Gas producer and grate; G. R. Fellows; 24749; 28th July, 1908 (66; 12th August).  
 Gas-treating by liquids; J. Moscicki; 26045; 7th June (63; 29th July).  
 Gas, raising temperature of, for heating, &c.; G. W. Davies; 26258; 19th July (66; 12th August\*);  
 Gases, obtaining, from oils; K. Maitland-Gibson; 26413; 13th August (85; 7th October\*);  
 Gases, obtaining, from solids; C. Ridley; 26345; 18th August (78; 23rd September).  
 Gate-bolt; T. McCoughan; 26417; 13th August (75; 9th September\*);  
 Gates, opening and shutting; P. J. Andersen; 26082; 16th June (63; 29th July).  
 Gate-post; T. French; 24956; 18th September, 1908 (59; 15th July).  
 Gauge-glass, shutting off steam and water from; C. S. Brooker; 26187; 5th July (66; 12th August\*);  
 Generator. (See Acetylene-gas generator.)  
 Gig-saw; D. Fraser; 25326; 11th December, 1908 (85; 7th October).  
 Glazier's diamond-adjuster; J. Robb; 26505; 26th August (85; 7th October\*);  
 Go-cart; O. A. Noffke; 26534; 3rd September.  
 Golf-club head; R. D. Smith, J. C. Thomson, and W. Gow; 26432; 14th August (85; 7th October\*);  
 Gold-separation; J. S. Taylor; 26646; 28th September.  
 Gold-saving apparatus; A. Burt; 26564; 8th September (88; 21st October\*);  
 Golosh-heel stiffener; A. Tyree; 25813; 8th April (66; 12th August).  
 Golosh-heel stiffener; G. E. Smith; 26253; 25th November† (75; 9th September).  
 Grain-milling; R. Grimwood; 26237; 9th July (66; 12th August\*);  
 Grass-seed stripper; F. W. Ockerby; 26511; 2nd September (85; 7th October\*);  
 Grader, apple, &c.; J. Lomas; 25206; 11th November, 1908 (63; 29th July).  
 Grate. (See Fire-grate.)  
 Grinding-device. (See Tool-grinder.)  
 Gun; L. G. Grace; 26523; 4th September.  
 Gunnery-practice. (See Rifle, &c., practice.)

Hames, J. H. and D. M. Cook; 26298; 27th July (71; 26th August\*);  
 Hammock and cot; E. Le Roy; 26612; 15th September.  
 Hand-shears; S. T. Shirt; 25904; 10th June, 1908† (66; 12th August).  
 Handle. (See Agricultural-implement handle.)  
 Harrow; C. Grant; 24981; 24th September (71; 26th August).  
 Hat; A. E. W. Day and Vyse, Sons, and Co., Limited; 26150; 29th June (66; 12th August).  
 Hat-pin; L. Melva; 25902; 3rd May (63; 29th July).  
 Hat-pin; L. M. Phillips; 26667; 29th September.  
 Hot-pin point-protector; C. J. Bailey; 25859; 22nd April (63; 29th July\*);  
 Heating liquids. (See Liquid heater and sterilizer.)  
 Heel. (See Boot-heel, Golosh-heel, Rubber heel.)  
 Hobbler. (See Horse-leg hobbler.)  
 Hoe-support. (See Drill-hoe support.)  
 Hook; J. Leonard; 26462; 23rd August (85; 7th October\*);  
 Hot-water system; H. Anscombe; 26446; 16th August (85; 7th October\*);  
 Horse-collar; T. Dent; 26526; 3rd September.  
 Horse-cover; E. Le Roy; 26502; 28th August (85; 7th October\*);  
 Horse-drench; J. R. Redstone; 26043; 8th June (63; 29th July).  
 Horse-leg hobbler; Trist and Small; 26224; 12th July.  
 Horse-power winch; B. and W. Trehwella; 26288; 23rd July (78; 23rd September).  
 Horse-shoe; E. Heke; 26366; 5th August.  
 Hose-coupling; F. and V. J. Roberts; 26550; 9th September (88; 21st October\*);  
 Hose-coupling; A. Storrie; 26577; 10th September.  
 Hydraulic-nozzle operating; A. Campbell; 26133; 21st June (75; 9th September).

## ALPHABETICAL LIST OF INVENTIONS—continued.

Hydraulic-ram valve; W. Angus; 26104; 21st June (63; 29th July).  
 Hydrocarbon-gas producer. (See Gas-producer, &c.)  
 Ice-chest; W. O'Brien; 26633; 22nd September (93; 4th November).  
 Illuminant, producing; C. F. Lungley; 26659; 29th September.  
 Incandescing gas. (See Gas, &c.)  
 Incubator; W. E. Jones; 26405; 11th August.  
 Indicator. (See Time-to-rise indicator.)  
 Inflatable-article manufacture; T. H. B. Gayner; 26445; 18th August (78; 23rd September).  
 Insole. (See Boot-insole.)  
 Insulating-composition; H. P. Rasmussen; 26135; 24th June (63; 29th July\*);  
 Insulator for tramway-sections; J. C. Russell and A. F. Lord; 25165; 2nd November, 1908 (63; 29th July).  
 Intermittent gas-supply for sign; T. Mustad; 26554; 9th September (88; 21st October).  
 Internal-combustion engine; H. Campbell; 26416; 13th August (75; 9th September\*);  
 Internal-combustion engine; C. H. Mitchell; 26582; 13th September (88; 21st October\*\*);  
 Internal-combustion engine; J. S. Dawes; 26654; 27th September.  
 Internal-combustion engine-valve; J. S. Dawes; 26396; 9th August.  
 Invoice-book; A. Parker, S. Salek, and J. E. Frost; 26158; 30th June (63; 29th July\*);  
 Iron and steel production; W. A. Hargreaves; 25829; 14th April (66; 12th August).  
 Ironing-machine; Yack Son; 26641; 21st September.  
 Ironing-table; A. C. Murray; 26262; 22nd July (71; 26th August\*);  
 Jack. (See Lifting-jack.)  
 Jute-bagging manufacture; H. G. Wells and A. Anderson; 25938; 12th May (66; 12th August\*);  
 Kettle-bottom; J. S. Basket; 26645; 28th September.  
 Kettle, &c.; H. F. Chaffey; 26161; 29th June (71; 26th August).  
 Kettle-lid; H. J. Wood; 26108; 22nd June (63; 29th July).  
 Kerosene-can tilting appliance; P. T. White and G. Robertson; 26165; 30th June (71; 26th August).  
 Kerosene-pump; A. Cates; 26611; 15th September.  
 Kerosene-tank and decanting-apparatus; T. Gager; 25009; 2nd October, 1908 (71; 26th August).  
 Label. (See Tag-label.)  
 Label-attaching to fabric; W. V. Page; 26300; 26th July (66; 12th August\*);  
 Ladder. (See Step-ladder.)  
 Ladder-bracket; A. W. Parton; 26493; 27th August (85; 7th October).  
 Lamb-marking appliance; J. Fortune; 26579; 14th September (88; 21st October\*);  
 Lamp-attachment; W. G. Rae; 26662; 29th September.  
 Lamp. (See Safety-lamp.)  
 Lamp-pillar; E. W. Hursthouse; 25107; 21st October, 1908 (85; 7th October).  
 Lamp-ventilator; W. Nelson; 25034; 3rd October, 1908 (69; 15th July).  
 Lathe, screw-cutting timing-gear; H. F. Vosseler; 26216; 12th July (66; 12th August\*);  
 Laundry-iron heater; E. Brandon; 25505; 28th January (85; 7th October).  
 Lawn, edge-cutter for; H. Irwin; 26336; 3rd August (71; 26th August\*);  
 Lead salts and oxides, manufacturing; G. V. Barton; 26229; 13th July (75; 9th September).  
 Leather and rubber combination; S. F. Gallagher and C. P. Rendle; 26203; 8th July (75; 9th September).  
 Leather-board substitute; A. J. Ostberg; 26092; 17th June (63; 29th July).  
 Letter-copying press; A. Gannaway; 26375; 7th August (75; 9th September\*);  
 Letter clip or holder; F. S. Cooze; 26638; 23rd September (93; 4th November\*);  
 Letter-cover for letter-carriers; F. F. Fisher; 26344; 4th August (71; 26th August\*);  
 Life-belt; A. Moore; 26428; 17th August (85; 7th October\*);  
 Life boat or raft; E. Hannan; 26409; 12th August (71; 26th August).  
 Life-saving apparatus; H. Fisher; 26431; 17th August (75; 9th September\*);  
 Lift-door operator; W. F. Johns; 26234; 14th July (66; 12th August\*);

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Lifting-jack; W. McEachern; 24835; 25th August, 1908 (71; 26th August).  
 Lifting-jack and actuating-gear; A. Falkner; 26169; 30th June (78; 23rd September).  
 Lid. (See Kettle-lid.)  
 Liquid, &c., time-control; F. Malley and G. Brennan; 26175; 1st July, 1908.†  
 Liquid-decanting device; W. A. Ross; 25927; 7th May (71; 26th August\*).  
 Liquid-draw-off; Young and Co.; 26587; 15th September.  
 Liquid heater and sterilizer; J. S. Forbes; 26630; 22nd September.  
 Liquid-raising apparatus; H. P. W. Esping; 26061; 9th June (63; 29th July\*).  
 Live-stock transportation; E. H. A. Lambert; 26243; 14th July (66; 12th August).  
 Lixiviator. (See Ore-lixiviator.)  
 Locomotive-boiler smoke-box; J. T. Hunter; 26647; 28th September (93; 4th November).  
 Locomotive-driving gear; J. Shepherd and A. Cederman; 24579; 29th June, 1908 (59; 15th July).  
 Lock; A. Schultze; 26494; 27th August (85; 7th October\*).  
 Lock. (See also Differential-gear lock, Wheel-lock.)  
 Lock-attachment; F. S. Cooze; 26519; 3rd September (88; 21st October\*).  
 Lorry. (See Wagon.)  
 Lubricator. (See Engine-lubricator.)  
 Lubricator for wheels; J. Gray; 25066; 9th October, 1908 (75; 9th September).  
 Lubricator for wheels; J. Gray; 25126; 23rd October, 1908 (75; 9th September).  
 Lunch-box; H. W. and W. W. Jones; 26379; 5th August (75; 9th September\*).  
 Machinery-driving gear; E. W. Coleman; 25133; 28th October, 1908 (63; 29th July).  
 Magic-lantern; W. E. Holden; 26524; 4th September (85; 7th October\*).  
 Magnetic separator; T. W. Rapley; 24883; 4th September, 1908 (75; 9th September).  
 Mail-bag seal; E. C. Isaac; 26620; 20th September.  
 Mail-bag, &c., label; Australian Reversible Delivery Label Company Proprietary, Limited; 26268; 22nd July (71; 26th August).  
 Mattress-holder; W. Maddison; 26509; 1st September (88; 21st October).  
 Manure-sower; H. W. Smith; 26282; 24th July (75; 9th September).  
 Mechanical-vibrations, reproducing; H. S. Martin; 25020; 6th October, 1908 (66; 12th August).  
 Merchandise-transporter; J. H. Hutcheson; 25985; 26th May (71; 26th August\*).  
 Metal-deposition; A. Rosenberg; 26077; 16th June (63; 29th July).  
 Metal-extraction; J. Bate and H. F. McLeod; 26314; 28th July (71; 26th August\*).  
 Metal-extraction; J. B. de Alzugaray; 26408; 12th August (88; 21st October).  
 Metal-production; F. C. W. Timm; 26648; 28th September (93; 4th November).  
 Metal-recovery; C. F. Siegert; 26176; 1st July (63; 29th July\*).  
 Milk and curd agitating apparatus; G. H. MacEwan; 24813; 17th August, 1908 (75; 9th September).  
 Milk and curd agitating apparatus; J. Hopkirk; 25393; 29th December, 1908 (71; 26th August).  
 Milk-can, &c.; R. Bellenger; 24816; 20th August, 1908 (71; 26th August).  
 Milk-jug cover; J. F. Macallister; 26220; 10th July (71; 26th August\*).  
 Milk-strainer; R. Walker; 24928; 12th September, 1908 (63; 29th July).  
 Milking-machine; P. D. H. Ohlhafer; 25900, 25901; 29th April (63; 29th July).  
 Milking-machine; L. G. Grace; 26342; 4th August (75; 9th September\*).  
 Milking-machine; K. I. Lindstrom; 26481; 26th August.  
 Milking-machine; R. W. Millar and H. B. Wade; 26656; 27th September (93; 4th November).  
 Milking-machine; C. E. Gane; 26660; 29th September.  
 Milking-machine, pulsator; A. W. Reid; 26343; 4th August (75; 9th September\*).  
 Milking-machine teat-cup; C. E. Hodge and S. P. Andersen; 25184; 6th November, 1908 (75; 9th September).  
 Milking-machine teat-cup; W. Bassett; 26072; 14th June (66; 12th August\*).  
 Milking-machine teat-cup; H. Droutlege; 26047; 7th June (66; 12th August\*).  
 Milking-machine teat-cup; A. W. Reid; 26364; 5th August (93; 4th November).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Milking-machine teat-cup; K. M. Stevens; 26590; 15th September (88; 21st October\*).  
 Milking-machine vacuum-pump; J. Treloar; 26105; 19th June (66; 12th August\*).  
 Milking-machine vacuum-pulsator; T. Kidd; 26145; 22nd June (66; 12th August\*).  
 Mine dumps, disposing of sand on; H. Dunn; 26238; 14th July (66; 12th August\*).  
 Minnow. (See Artificial minnow.)  
 Mirror-holder; G. P. Darlow; 26189; 6th July.  
 Mitre-box; R. Dunne and A. J. Park; 26355; 2nd August (71; 26th August\*).  
 Mitre box and cramp; R. Dunne and A. J. Park; 26371; 4th August (71; 26th August\*).  
 Mitre-cutter; R. Dunne, J. Blair, and A. J. Park; 26586; 13th September (88; 21st October\*).  
 Moisture-indicator for bales, &c.; D. Richardson and R. Gillespie; 24841; 26th August, 1908 (75; 9th September).  
 Mop-wringer; R. B. Williams; 24921; 14th September, 1908 (71; 26th August).  
 Motor. (See Air-motor, Vacuum-motor.)  
 Motor, land and water; D. McCurdy; 26180; 29th June (66; 12th August\*).  
 Motor-car propulsion; T. Quinlivan; 26116; 23rd June (71; 26th August).  
 Motor-car wheel; A. E. Panting, R. G. Hustwick, and G. H. Scott; 26058; 11th June (63; 29th July\*).  
 Motor-car wheel; H. Perrins; 26326; 30th July (75; 9th September).  
 Motor-car wheel; C. D. Hill and H. C. Baquie; 26450; 19th August (85; 7th October).  
 Motor-valve; J. S. Dawes; 26396; 9th August (88; 21st October\*).  
 Mould. (See Cornice-mould.)  
 Mudguard. (See Cycle-mudguard.)  
 Music-exercising keyboard; A. K. Virgil; 26074; 15th June (63; 29th July).  
 Music-teaching apparatus; A. B. Sheath; 26456; 20th August (78; 23rd September\*).  
 Nail. (See Roofing-nail.)  
 Nail-punch; A. W. B. Corry and C. H. Alley; 25330; 9th December, 1908 (85; 7th October).  
 Nest. (See Poultry nest.)  
 Nosebag; A. F. Roy; 26401; 11th August (78; 23rd September\*).  
 Nozzle. (See Hydraulic nozzle.)  
 Oil-colour preservative; A. Turner; 26362; 30th July (75; 9th September\*).  
 Oil-treatment; Murex Magnetic Company, Limited; 26306; 28th July (78; 23rd September).  
 Oil-treatment; The Oil Refining Improvements Company, Limited; 26528; 3rd September (88; 21st October).  
 Ore-lixiviation; A. James; 26194; 7th July (78; 23rd September).  
 Ore-treatment; F. C. Brown; 24861; 28th August, 1908 (66; 12th August).  
 Ore-treatment; A. A. Lockwood and M. R. A. Samuel; 25546; 19th March, 1908† (78; 23rd September).  
 Ore-treatment; F. Lough and W. J. F. Hayter; 26376; 7th August.  
 Ore-treatment; S. D. McMiken; 26666; 27th September (93; 4th November\*).  
 Oven. (See Cooking-oven.)  
 Oven-plate, rotating; T. H. Gillman; 26542; 8th September.  
 Oxides. (See Lead salts and oxides.)  
 Paper-vessels; Mono Service Vessels, Limited; 26113; 23rd June (63; 29th July).  
 Paving. (See Flooring and paving.)  
 Painting lines on cycles, vehicles, &c.; J. T. Hunter; 26305; 28th July (78; 23rd September).  
 Paper-file; A. Simonson and O. R. Petersen; 26482; 26th August (85; 7th October\*).  
 Peeler for potatoes, apples, &c.; J. H. Pedersen; 26281; 24th July (75; 9th September).  
 Peeler for potatoes, apples, &c.; A. Lyell; 26352; 4th August (75; 9th September\*).  
 Perambulator foot-warmer; F. Gough; 26038; 7th June (66; 12th August\*).  
 Phonograph; D. M. McGoun; 26254; 19th July (66; 12th August\*).  
 Phonograph and record; D. Maggiora and M. Sinclair; 26439; 18th August (78; 23rd September).  
 Phonograph-diaphragm; D. P. Fisher; 26520; 3rd September (85; 7th October\*).  
 Photography; H. J. Schmidt; 26232; 13th July (75; 9th September).  
 Pigeon-race timer; J. Shaw; 26585; 13th September (88; 21st October\*).

## ALPHABETICAL LIST OF INVENTIONS—continued.

Pigs, preventing, breaking through barriers; W. E. Hunter; 26124; 24th June (66; 12th August\*).

Pin. (See Hat-pin.)

Pipe. (See Tobacco-pipe.)

Pipe-joint; J. F. W. H. Schadiok; 26210; 8th July (66; 12th August\*).

Pipe-joint; W. T. Cooper; 26395; 10th August (75; 9th September).

Pliers; S. Northey and A. L. Bell; 26438; 18th August (78; 23rd September).

Plaster slabs, joining; G. Lewis; 26279; 23rd July (71; 26th August\*).

Plate-warmer; M. A. Sinclair; 26293; 24th July (71; 26th August\*).

Plate-warmer; W. Keymer, F. Parsons, and G. H. Clymo; 26518; 30th August (85; 7th October\*).

Playing-cards; D. Morrison; 26576; 13th September (88; 21st October\*).

Plough; J. Stuart-Edward; 26225; 13th July (66; 12th August\*).

Plough-attachment; J. Trapski; 26142; 28th June (66; 12th August\*).

Plough, cross-cutting device; A. and W. Bennet; 26226; 8th July (71; 26th August).

Plough multiple furrow; D. Hagarty; 26126; 22nd June (71; 26th August).

Plough, reversible; D. Amey; 26627; 22nd September.

Plough, turf-burying; P. H. Pritchett; 26361; 4th August (71; 26th August\*).

Ploughing-implement; W. McFarlane, J. Dyson, and A. J. Warren; 26206; 8th July (66; 12th August\*).

Pole wagon, backing; J. H. Hutchinson; 26017; 1st June (63; 29th July\*).

Post. (See Fence-post.)

Post-hole digger; A. Ferris and J. J. Poynton; 24961; 23rd September, 1908 (66; 12th August).

Potato-peeler. (See Peeler.)

Potato-planter; M. Hurley; 26230; 13th July (71; 26th August).

Pottery, &c. (See Brick and pottery manufacture.)

Poultry-nest box; H. Irwin; 26218; 12th July (71; 26th August\*).

Power-transmission; A. C. King and F. Hamer; 26114; 23rd June (66; 12th August).

Preserving alimentary substances; J. Macmeikan; 25171; 4th November, 1908 (75; 9th September).

Preserving perishable comestibles; C. W. Nance; 24704; 21st July, 1908 (66; 12th August).

Pressure, apparatus for maintaining; F. H. Bridger; 26492; 25th August (85; 7th October\*).

Pressure-indicator; F. and V. J. Roberts; 26551; 9th September (88; 21st October\*).

Primary battery; W. A. F. Bleock; 26079; 16th June (63; 29th July).

Printing-machine. (See Bag-printing machine.)

Printing-press; E. O. Cartwright; 26196; 7th July (71; 26th August).

Produce-box; A. Robins; 24950; 18th September, 1908 (78; 23rd September).

Propeller; T. Beckett; 26389; 9th August.

Propeller; N. D. Krassilnikoff; 26628; 22nd September.

Pulp-agitator; W. C. Paterson; 26075; 15th June 66; 12th August).

Pump. (See Kerosene-pump.)

Purse. (See Sovereign-purse.)

Push-cart; F. E. Gurney; 26544; 8th September (93; 4th November\*).

Push-cart; F. McLaughlin; 26588; 15th September (93; 4th November\*).

Pump. (See also Boiler-feed pump, Vacuum-pump.)

Pumping-machinery; J. Hutchings; 26248; 19th July (71; 26th August).

Rabbit-exterminator; J. H. Grant; 25030; 7th October, 1908 (66; 12th August).

Racket. (See Tennis-racket.)

Radiator; H. J. Spencer; 26317; 29th July (71; 26th August\*).

Rail-cleaner; &c.; T. A. Wells, G. L. Hooper, and W. J. Monkhouse; 26593; 15th September (93; 4th November\*).

Rail, tramway and railway; S. Graham; 26090; 15th June (63; 29th July\*).

Railway-coupling; W. J. Price and D. I. Bridge; 26507; 4th September, 1908† (88; 21st October).

Railway-coupling; P. Brady and R. Kennedy; 26539; 7th September.

Railway-point lock; W. Thwaites; 25011; 1st October, 1908 (75; 9th September).

## ALPHABETICAL LIST OF INVENTIONS—continued.

Railway-rail fastener; G. Gates; 25885; 28th April (66 12th August).

Railway-staff system; W. H. McGeever; 24821; 20th August, 1908 (59; 15th July).

Railway-staff system; R. A. Walker and N. C. Christie; 26626; 20th September.

Railway-ticket dater; W. P. Nolan; 26540; 7th September.

Ram. (See Hydraulic ram.)

Receptacle. (See Food-receptacle.)

Reciprocating motion, producing; C. V. Boys and J. W. Tierney; 25312; 11th December, 1907† (71; 26th August).

Reference-book clip; P. Wilson and H. R. Pike; 26204; 5th July (66; 12th August\*).

Reinforced-concrete construction; D. L. Cochrane; 26543; 8th September (88; 21st October\*).

Reinforced-concrete construction; D. L. Cochrane; 26655; 27th September.

Resilient wheel; R. M. Smith; 25426; 6th January (71; 26th August).

Riddle; T. Hamilton; 26489; 24th August (85; 7th October\*).

Ridger; G. Gray; 26522; 2nd September (85; 7th October\*).

Rifle, &c., practice-apparatus; The Sub-target Company, Limited; 26312; 27th July (75; 9th September).

Rocking-chain; E. S. Harris; 26517; 2nd September (88; 21st October\*).

Roofing-nail; F. W. G. Levestam; 26388; 9th August (75; 9th September\*).

Rope coupling or grip; W. G. Mouat; 26390; 7th August.

Rope-protector; W. H. Freeman; 26099; 19th June (63; 29th July\*).

Rotary-liner valve; J. S. Dawes; 26396; 9th August.

Rubber foot-wear. (See Golosh.)

Rubber heel; C. W. Clayton; 26139; 28th June (63; 29th July\*).

Rubber-manufacture; W. W. Cabena; 26345; 4th August (75; 9th September).

Rubber-waste, purifying; W. W. Cabena; 26346; 4th August (88; 21st October).

Rug for animals; H. J. O'Neil; 26227; 13th July (66; 12th August\*).

Safe; C. Craig; 26485; 26th August (88; 21st October\*).

Safety-lamp; A. L. Jones; 26486; 26th August (85; 7th October\*).

Sandal; R. J. McDonald; 25060; 9th October, 1908; 78; 23rd September.

Sand-soap; A. A. Pinches; 26168; 28th June (63; 29th July\*).

Salts. (See Lead-salts, &c.)

Sash. (See Window-sash.)

Saw-bench feed-gear; J. W. Brownlee; 26025; 4th June (63; 29th July).

Saw-fence; G. L. Briggs and R. F. Bollard; 25045; 7th October, 1908 (75; 9th September).

Saw-guiding, &c., device; G. H. M. Baker; 26310; 29th July (75; 9th September).

Scales; G. Hutchinson; 26223; 12th July (66; 12th August\*).

Sealing-fish. (See Fish-sealing.)

School-desk; W. H. Riddell; 24625; 6th July, 1908 (59; 15th July).

Ser.w-cutting. (See Latho.)

Scutcher. (See Flax-scutcher.)

Scythe-handle grip; F. H. Jackson; 25262; 25th November, 1908 (78; 23rd September).

Seat-adjuster for sulky; A. Wilshire; 26335; 3rd August (78; 23rd September).

Sediment, removing; S. Levy; 26608; 14th September (93; 4th November).

Seed-cleaner. (See Riddle.)

Seed-grader; T. Latham; 26423; 14th August (78; 23rd September\*).

Seed-mixer; F. W. Engelbrecht; 26246; 17th July (66; 12th August\*).

Seed-sower; W. Goodwin; 26604; 15th September (93; 4th November).

Seed-sowing attachment; R. Reyburn; 26663; 29th September (93; 4th November\*).

Separator. (See Magnetic separator.)

Sewing-machines; W. J. Butler; 26410; 12th August (88; 21st October).

Sewing-machine; G. Nicholls; 26570; 11th September (88; 21st October\*).

Shafting-lubricator; L. N. Nettrass; 26575; 13th September (85; 7th October\*).

Shears. (See also Hand-shears, Sheep-shearing machine.)



ALPHABETICAL LIST OF INVENTIONS—*continued.*

Sheep-supporting device for railway-cars, &c.; E. H. A. Lambert; 26243; 14th July (66; 12th August).  
 Sheep-shearing machine; F. J. S. Caverhill; 26472; 25th August (85; 7th October\*).\*  
 Shirt-collar; C. Ryan; 25785; 4th November, 1908† (71; 26th August).  
 Shell-fish, &c., cleaning; A. Yancey; 26591; 15th September (93; 4th November).  
 Ship's-course indicator; W. H. Hennah and A. K. W. Rissel; 26198; 7th July (71; 26th August).  
 Ship's-course indicator; W. H. Hennah and A. K. W. Rissel; 26199; 7th July (71; 26th August).  
 Signal-lamp; E. Brammer; 26422; 10th August.  
 Signal-lamp; G. R. Hutchason; 26569; 11th September (88; 21st October\*).\*  
 Signal-lamp; W. Andrews; 26589; 15th September.  
 Shoe; H. Bostock; 24775; 7th August, 1908 (59; 15th July).  
 Shoe; Bing, Harris, and Co., Limited; 26382; 5th August (78; 23rd September).  
 Shoe-manufacture; United Shoe Machinery Company; 26623; 21st September.  
 Shoette; J. R. Kent; 24857; 31st August, 1908 (59; 15th July).  
 Show-case fastener; J. Mead; 26383; 5th August (78; 23rd September\*).\*  
 Skylight. (See Ventilator and skylight.)  
 Slab. (See Plaster slab.)  
 Sluice-valve; C. S. Beilby; 26356; 31st July (78; 23rd September).  
 Smoke-box; J. T. Hunter; 26647; 28th September (93; 4th November).  
 Snow-board; J. M. Taylor and H. Oakley; 26290; 26th July (71; 26th August\*).\*  
 Soap; P. Ericksen; 26411; 12th August (75; 9th September\*).\*  
 Soap. (See also Sand-soap.)\*  
 Soap-bubbles, blowing; H. Hardcastle; 26311; 28th July (71; 26th August\*).\*  
 Soap-manufacture; J. L. Buchanan; 26580; 14th December, 1908† (93; 4th November).  
 Soap-saver; E. Norden; 26160; 29th June (63; 29th July\*).\*  
 Sovereign-purse; A. W. Gallichar; 26552; 9th September (88; 21st October\*).\*  
 Speed-alarm; R. Heaven; 26109; 22nd June (63; 29th July\*).\*  
 Spinning-top; H. Campbell; 25693; 30th November, 1908† (66; 12th August).  
 Splicing-ear for electric cable; J. C. Russell and A. F. Lord; 25160; 31st October, 1908 (63; 29th July).  
 Sponge and brush; S. Westbrook; 26484; 26th August (88; 21st October).  
 Spouting; W. B. Topp; 26483; 26th August (85; 7th October\*).\*  
 Spouting-bracket; H. Smart; 25167; 2nd November, 1908 (75; 9th September).  
 Spouting-bracket; W. G. Hancox; 26538; 7th September (93; 4th November\*).\*  
 Sprayer. (See Water-sprayer.)  
 Spring-clip; C. B. Smith; 26212; 6th July (66; 12th August\*).\*  
 Spring-wheel; J. N. Griffin; 26313; 28th July.  
 Staple. (See Fencing-staple.)  
 Standard. (See Fencing-standard.)  
 Stay. (See Garment-stay.)  
 Steam, &c., engine; A. A. Holle; 26011; 1st June (63; 29th July).  
 Steam-boiler furnace; J. Pomeroy; 24793; 13th August, 1908 (66; 12th August).  
 Steering, &c., device; J. P. H. Lund; 26508; 1st September (88; 21st October).  
 Step-ladder; A. Jones; 26495; 27th August.  
 Stock. (See Live-stock.)  
 Stereotypes, casting, &c.; J. T. Hunter; 26632; 22nd September (93; 4th November).  
 Sterilising. (See Liquid heater and steriliser.)  
 Stone-gathering machine; T. Brown; 26272; 22nd July.  
 Stove. (See Camp-stove.)  
 Stove-protector; W. Dunn; 26235; 13th July (66; 12th August\*).\*  
 Straightway-valve; W. H. Waters; 26368; 3rd August (85; 7th October).  
 Strainer. (See Wire-strainer.)  
 Strainer and lid; M. Arnold; 26621; 18th September (93; 4th November\*).\*  
 Strainer for milk, &c.; R. Walker; 24928; 12th September, 1908 (63; 29th July).  
 Street-cock cover; J. W. Restler; 25825; 13th April (66; 12th August).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Sulky. (See Seat-adjuster for sulky.)  
 Sunken ships, locating; J. R. Blaine, S. R. East, and J. G. Stevens; 26496; 28th August.  
 Sunken ships, locating; J. R. Blaine, S. R. East, and J. G. Stevens; 26571; 11th September (88; 21st October\*).\*  
 Swingletree-mounting; R. Kibblewhite and J. Stempa; 26321; 31st July (71; 26th August\*).\*  
 Table; A. B. Carter and W. C. Washer; 26499; 26th August (85; 7th October\*).\*  
 Table, extensible; J. Wilson; 26562; 10th September (93; 4th November\*).\*  
 Table-filter; F. Jira; 26208; 8th July (78; 23rd September\*).\*  
 Tap. (See Churn-tap.)  
 Target; T. N. Fletcher; 26393; 10th August (75; 9th September\*).\*  
 Target; F. Harbottle; 26357; 4th August (71; 26th August\*).\*  
 Tag-label printing-machine; M. Routley; 26222; 12th July (66; 12th August\*).\*  
 Tea-can; P. J. Griffin; 26201; 7th July (78; 23rd September\*); 85; 7th October).  
 Tea-pot; L. G. Grace; 26530; 6th September.  
 Teat-cup. (See Milking-machine teat-cup.)  
 Telegraphy. (See Wireless telegraphy.)  
 Telephone-accessories; F. Lloyd and S. Weaver; 26117; 23rd June (63; 29th July).  
 Telephone-mouthpiece closure; H. A. Cutmore; 26247; 19th July (71; 26th August\*).\*  
 Tennis-racket; V. R. Johns; 26613; 17th September (93; 4th November\*).\*  
 Tent; G. V. Davis; 26473; 26th August (85; 7th October\*).\*  
 Thermostat; A. G. Jackson; 26536; 7th September (88; 21st October).  
 Telephone-transmitter; M. Moloney; 26625; 21st September (93; 4th November).  
 Threshing-machine; F. W. Ockerby; 26403; 11th August (78; 23rd September\*).\*  
 Ticket-printer; H. Quertier; 26384; 7th August (75; 9th September\*).\*  
 Tide-motor; J. Burgess; 26451; 20th August (85; 7th October\*).\*  
 Tie-fastener; E. Fisher; 26316; 28th July (71; 26th August\*).\*  
 Lime-to-rise indicator; J. Kelly; 26657; 27th September.  
 Tipping lorry or wagon; J. Fitchett; 24778; 11th August, 1908 (66; 12th August).  
 Tire; A. W. Carpenter; 26040; 16th February† (63; 29th July).  
 Tire and rim casement; T. J. McBride; 26479 and 26480; 26th August.  
 Tire-cover; J. Riddles and G. Metcalfe; 26044; 7th June (63; 29th July\*).\*  
 Tire-cushion; J. Brown; 26433; 18th August (85; 7th October\*).\*  
 Tire for motor-car, &c.; M. G. C. Dodwell; 26060; 11th June (63; 29th July\*).\*  
 Tire, pneumatic; T. J. McBride; 26478; 16th January.†  
 Tire, pneumatic; G. G. Johnston; 26559; 15th April.†  
 Tire-valve; E. C. Austin; 26278; 23rd July (71; 26th August\*).\*  
 Toaster; J. Foster; 26215; 10th July (63; 29th July).  
 Tobacco-pipe; M. Ruddy; 24868; 1st September (71; 26th August).  
 Tobacco-pipe valve; J. Lindsay; 26033; 4th June (66; 12th August).  
 Tool-controlling mechanism; United Shoe Machinery Company; 25201; 11th November, 1908 (85; 7th October).  
 Tool-grinder; E. Potts; 26273; 22nd July (71; 26th August\*).\*  
 Top. (See Spinning-top.)  
 Torpedo; C. F. Lungley; 26240; 14th July (66; 12th August\*).\*  
 Tooth-brush; A. Pullar; 26470; 25th August (85; 7th October\*).\*  
 Toy; P. L. Ritchie; 26370; 4th August (75; 9th September\*).\*  
 Traction-engine; A. W. Halliday; 26607; 14th September.  
 Traction-engine, &c., propulsion; T. Quinlivan; 26116; 23rd June (71; 26th August).  
 Traction-engine wheel-rim; T. Scheie; 26594; 15th September (93; 4th November).  
 Tram-car brake; J. N. Griffin; 26426; 12th August (75; 9th September\*).\*  
 Tram-car-destination indicator; H. Ashworth; 26578; 14th September (88; 21st October\*).\*

## ALPHABETICAL LIST OF INVENTIONS—continued.

- Tram-car life-guard; W. R. Bruce and F. Coutts; 26351; 8th August, 1908.†
- Tram-car life-guard; C. H. Whatman; 26636; 21st September.
- Tram-car safety appliance; H. H. Bach; 26205; 6th July (66; 12th August\*).
- Tram-section insulator; J. C. Russell and A. F. Lord; 26165; 2nd November, 1908 (63; 29th July).
- Transporting merchandise. (See Merchandise transporter).
- Trap. (See Animal-trap.)
- Trolley-pole; E. F. Jones and A. G. Fell; 26156; 30th June (63; 29th July\*).
- Trolley-pole controller; C. J. Wilkinson; 26315; 28th July (71; 26th August\*).
- Trotting sulky; F. J. Grogan; 26322; 30th July (71; 26th August\*).
- Trousers, drafting; L. Marks; 26152; 29th June (63; 29th July\*).
- Tube-mill lining; G. A. Sheeley and E. A. Tomlinson; 26239; 14th July (71; 26th August\*).
- Turbine; E. P. Brady and J. F. Brady, jun.; 26327; 30th July (85; 7th October).
- Turbine; Hon. C. A. Parsons; 26651; 28th September (93; 4th November).
- Turn shoe-refracting machine; United Shoe Machinery Company; 26270; 22nd July (66; 12th August\*).
- Turret-clock; A. G. Jackson; 26606; 15th September (93; 4th November).
- Type-setting machine; H. Knudsen and H. Barta; 26003; 1st June (66; 12th August\*).
- Type-setting machine; J. T. Hunter; 26191; 7th July (71; 26th August\*).
- Umbrella-holder. (See Vehicle umbrella-holder.)
- Vacuum controller; R. C. Gardner; 26245; 16th July.
- Vacuum motor; L. G. Grace; 26219; 12th July (66; 12th August\*).
- Vacuum producing apparatus; A. W. Reid; 26419; 13th August (88; 21st October).
- Vacuum pulsator. (See Milking-machine.)
- Vacuum pump. (See Milking-machine.)
- Vacuum pump; L. G. Grace; 26100; 21st June (66; 12th August\*).
- Valve. (See Motor-valve, Rotary-liner valve, Sluice-valve, Straightway-valve, Tire-valve.)
- Variable-stroke fluid-machine; H. S. Hole-Shaw; 26149; 29th June (66; 12th August\*).
- Vehicle umbrella-holder; E. Downey; 24839; 21st August, 1908 (59; 15th July).
- Vehicle-undercarriage; J. Brennan; 25019; 6th October, 1908 (75; 9th September).
- Velocipede-trailer attachment; A. W. Wall; 26192; 7th July (71; 26th August\*).
- Venetian blind; R. Salt; 26586; 10th September.
- Ventilator; W. Nelson; 25034; 3rd October, 1908 (59; 15th July).
- Ventilator; E. Arnold; 25749; 27th March (71; 26th August\*).
- Ventilator; J. J. Blockley; 25945; 13th May (63; 29th July).
- Ventilator; J. H. Beamish; 26127; 22nd June.
- Ventilator; F. S. Cooze; 26437; 18th August (85; 7th October\*).
- Ventilator and ceiling-light; J. Harrison; 26320; 31st July (75; 9th September).
- Ventilator and skylight; W. F. and C. E. Hardley; 26498; 27th August.
- Vibrations, changing mechanical to electrical; H. S. Martin; 25020; 6th October, 1908 (66; 12th August\*).
- Voting, &c., machine; N. S. McNab; 26185; 3rd July (71; 26th August\*).
- Voting, &c., machine; T. S. Philpott; 26618; 18th September.
- Wagon. (See Pole-wagon.)
- Wagon or lorry, tipping-gear for; J. Fitchett; 24778; 11th August, 1908 (66; 12th August\*).
- Wall-construction; J. Draper; 26661; 29th September.
- Wash boiler and sink; L. Smyth; 26500; 26th August (85; 7th October\*).
- Washing boiler or copper; E. W. Gawne; 26565; 9th September (88; 21st October\*).
- Washing-machine; J. Ireloar and L. Hodgkinson; 26469; 28th August (85; 7th October\*).
- Waste-animal substances, utilising; T. A. Glendinning and G. A. Oates; 26172; 29th June (66; 12th August\*).
- Waste-leather substances, utilising; T. A. Glendinning and G. A. Oates; 26173; 29th June (66; 12th August\*).

## ALPHABETICAL LIST OF INVENTIONS—continued.

- Water-closet-disinfecting method; R. E. Finch, R. S. and A. Newcomb; 26214; 8th July (66; 12th August\*).
- Water-closet flush; T. P. Smith and C. J. Maclean; 26095; 18th June (63; 29th July\*).
- Water-closet flush; J. O. Suckling, A. H. Herbert, and E. Page; 26115; 23rd June (63; 29th July\*).
- Water-closet flush; B. Jeffrey; 26190; 5th July (66; 12th August\*).
- Water-closet flush; E. J. Chilton; 26294; 26th July (71; 26th August\*).
- Water-closet flush; J. A. Lissington and B. Jeffrey; 26387; 9th August (78; 23rd September).
- Water-closet flush; E. J. Chilton; 26458; 20th August (85; 7th October\*).
- Water-closet flush; J. R. Park; 26563; 8th September (88; 21st October\*).
- Water-closet flush; J. J. Blockley; 26643; 24th September.
- Water-heater; H. Anscombe; 26289; 23rd July (71; 26th August\*).
- Water-raising apparatus; W. Lyons; 26427; 16th August (85; 7th October).
- Water-sprayer; W. T. Hall and J. E. Wheeler; 26269; 8th July.
- Water-sprayer tank; B. F. Cranwell; 26615; 15th September.
- Weed-exterminator; J. Calders and A. M. McKenzie; 26572; 11th September.
- Weighing apparatus; G. Hutchinson; 24588; 30th June, 1908 (71; 26th August\*).
- Wheel. (See Barrow-wheel, Motor-car wheel, Resilient wheel, Spring-wheel, Traction-engine wheel.)
- Wheel-barrow. (See Barrow.)
- Wheel-lock; H. Stocks; 26665; 29th September.
- Winch. (See Horse-power winch.)
- Windmill; T. R. Clow; 25218; 10th November, 1908 (85; 7th October).
- Windmill; E. Hayes; 26307; 28th July (71; 26th August\*).
- Windmill; T. R. Clow; 26533; 3rd September (88; 21st October).
- Window; F. de J. Clere; 26461; 23rd August (85; 7th October).
- Window-fastener; H. Williamson; 26453; 18th August (78; 23rd September\*).
- Window sash and frame; C. Reed; 25570; 16th February (78; 23rd September).
- Window-sash suspender; A. H. J. Parker; 26163; 30th June (66; 12th August\*).
- Wireless telegraphy; Marconi's Wireless Telegraph Company, Limited; 26097; 16th June (66; 12th August\*).
- Wire-grip; E. Hayes; 26531; 6th September (88; 21st October\*).
- Wire-fastener; J. Parker; 26567; 10th September.
- Wire-link machine; A. H. Schmidt; 26358; 2nd August (71; 26th August\*).
- Wire-splice shield; W. H. Anscombe; 26360; 3rd August (75; 9th September).
- Wire-strainer; W. Towt; 25764; 31st March (66; 12th August\*).
- Wire-strainer; A. S. Roberts; 26178; 2nd July.
- Wire-strainer; R. Cleaver and F. Hutton; 26372; 6th August (85; 7th October).
- Wire-strainer; W. Mulvena and A. Campbell; 26549; 9th September.
- Wire-tightener; W. J. Roebuck; 26183; 30th June (68; 29th July\*).
- Wiring and stapling boxes; J. P. Meloney; 26619; 18th September.
- Wood substitute; O. R. Younghusband; 26516; 2nd September; 93; 4th November\*.
- Zinc, &c., extraction; J. R. Williams, and H. W. and B. Bradley; 26558; 9th September (93; 4th November).
- Zinc metallurgy; A. L. J. Queneau; 26134; 21st June (66; 12th August\*).

## Alphabetical List of Applicants for Registration of Trade Marks.

ALPHABETICAL List of Applicants for registration of Trade Marks for quarter ending 30th September, 1909 (including also applications lodged prior to but gazetted during such quarter). The first number and date are those of the application, the second those of the *Gazette*.

\* Denotes an application under section 98 of the Act.

Aitchison, Steans, and Co., Christchurch, New Zealand; (50); 8091; 3rd July (78; 23rd September).

## APPLICANTS FOR REGISTRATION OF TRADE MARKS—continued.

"All-Blacks" Manufacturing Company (see T. Deane).  
 Arlow, R., and Co., Limited, Christchurch, New Zealand; (42); 8134; 26th July (66; 12th August).  
 Australian Papaw (Dr. Lucas's) Ointment Company (see A. H. S. Lucas).

Baron, H. J., Christchurch, New Zealand; (22); 8139; 27th July (71; 26th August).  
 Barry, D. J., Gisborne, New Zealand; (43); 8262; 22nd September.  
 Barton, T., Hamilton, New Zealand; (41); 8090; 3rd July (59; 15th July).  
 Bastin, J. A., Auckland, New Zealand; (41, 38); 8207, 8; 20th August (75; 9th September).  
 Bataafsche Petroleum-Maatschappij, The Hague, Holland; (47); 8229; 1st September.  
 Bell, R., and Co., Limited, London, England, and South Richmond, Victoria; (47); 8141; 28th July (75; 9th September).  
 Berry, H., and Co., Christchurch, New Zealand; (6, 12); 8251, 2; 15th September (85; 7th October).  
 Berry, H., and Co., Christchurch, New Zealand; (38); 8275; 27th September (85; 7th October).  
 Billson, H. E., Christchurch, New Zealand; (50); 7451; 18th July, 1908 (71; 26th August).  
 Bing, Harris, and Co., Limited, Dunedin and elsewhere, New Zealand; (38); 8178; 9th August (71; 26th August).  
 Bluff Canning Company (see T. Crocket).  
 Booth's Distillery, Limited, London, England; (43); 8203, 4; 19th August.  
 Bray, G., and Co., Limited, Leeds, England; (18); 8230; 1st September (75; 9th September).  
 British Plate Powder Company (see A. McNaughton).  
 Brown, A. A., Auckland, New Zealand; (50); 8246; 11th September.  
 Buckley, A., Auckland, New Zealand; (3); 8129; 23rd July (63; 29th July).  
 Burt, A. and T., Limited, Dunedin and elsewhere, New Zealand; (18); 8093; 7th July.  
 Burt, A. and T., Limited, Dunedin and elsewhere, New Zealand; (18); 8130; 23rd July (66; 12th August).  
 Burt, A. and T., Limited, Dunedin and elsewhere, New Zealand; (5); 8135; 26th July (66; 12th August).  
 Burt, A. and T., Limited, Dunedin and elsewhere, New Zealand; (5); 8237; 6th September (78; 23rd September).  
 Burton, J., Owaka, New Zealand; (48); 8219; 26th August (75; 9th September).  
 Butterworth, G. M., Christchurch, New Zealand; (42); 8247; 13th September.  
 Buzby, A. C. ("Keystone Lubricating Company"), Philadelphia, United States America; (47); 8119; 22nd July (63; 29th July).

Calvert, F. C., and Co., Bradford, England; (1, 2, 3, 47, 48); 8159, 60, 1, 2, 3; 3rd August (71; 26th August).  
 Canada Cycle and Motor Company, Limited, Toronto, Canada; (13); 8120; 22nd July (63; 29th July).  
 Capewell Horse Nail Company, Limited, London, England; (13); 8231; 1st September.  
 Carnegie, D., and Co. (see Porterbryggeriaktiebolaget D. Carnegie and Co.).  
 Cave, J., and Sons, Limited, Rushden, England; (38); 8193; 18th August.  
 Chamberlain, C. ("Oxford Sausage Company"), Auckland, New Zealand; (42); 8271; 23rd September.  
 Chambers, H. S. ("Northampton Boot Factory"), Auckland, New Zealand; (38); 8074; 24th June (75; 9th September).  
 Champion and Slee, Limited, London, England; (42); 8265; 23rd September.  
 Chatterton, S., Ellerslie, New Zealand; (2); 8224; 28th August (75; 9th September).  
 Chisholm, D. R., and Co., Christchurch, New Zealand; (3); 8133; 26th July.  
 Compagnie Francaise du Gramophone, Paris, France; (8); 8094; 31st March\* (66; 12th August).  
 Comstock, W. H., Company, Limited, Morristown, United States America; (3); 8127; 22nd July (66; 12th August).  
 Continental-Caoutchouc-und-Gutta-Percha-Compagni, Hannover, Germany; (40); 8194; 18th August (75; 9th September).  
 Continental-Caoutchouc-und-Gutta-Percha-Compagni, Hannover, Germany; (40); 8195; 18th August.  
 Cotton, F. H., Christchurch, New Zealand; (50); 8116; 19th July.  
 Cowie and Co., Dunedin, New Zealand; (43); 8092; 5th July (66; 12th August).  
 Cree, J. S., Dunedin, New Zealand; (3); 8250; 15th September (85; 7th October).

## APPLICANTS FOR REGISTRATION OF TRADE MARKS—continued.

Crocket, T. ("The Bluff Canning Company"), Bluff, New Zealand; (42); 8188; 13th August (75; 9th September).  
 Crown Clothing Manufacturing Company, Limited, Christchurch, New Zealand; (38); 8113; 27th July (66; 12th August).

Dadley, H. S., Auckland, New Zealand; (38); 8175; 7th August.  
 Daglish, J., Mosgiel, New Zealand; (42); 8107; 12th July (63; 29th July).  
 Dainties, Limited, Christchurch, New Zealand; (42); 8186; 12th August.  
 Darling Proprietary, Limited, Melbourne, Victoria; (1); 8122; 22nd July (63; 29th July).  
 Darling Proprietary, Limited, Melbourne, Victoria; (1); 8123; 22nd July (66; 12th August).  
 Darling Proprietary, Limited, Melbourne, Victoria; (1); 8124, 5; 22nd July.  
 Davidson, C., and Sons, Limited, London, England; (36); 8166; 4th August.  
 Davies, G., Christchurch, New Zealand; (38); 7452; 18th July, 1908 (78; 23rd September).  
 Deane, T. ("All-Black's" Manufacturing Company), Christchurch, New Zealand; (50); 7900; 18th March (75; 9th September).  
 Demuth, R., London, England; (3); 8253; 15th September (78; 23rd September).  
 Diamond Cycle Components and Engineering Company, Limited, Birmingham, England; (22); 8109; 13th July (63; 29th July).  
 Diamond Cycle Components and Engineering Company, Limited, Birmingham, England; (22); 8110; 13th July (75; 9th September).  
 Dick, R. and J., Limited, Greenhead, Scotland; (40); 7314; 11th May, 1908 (71; 26th August).  
 Dingo Medicine Company (see R. A. and E. Dutton).  
 Duthie, J., and Co., Limited, Wellington, New Zealand; (5); 8239; 7th September (78; 23rd September).  
 Dutton, R. A. and E. ("The Dingo Medicine Company"), Auckland, New Zealand; (3); 8245; 11th September (85; 7th October).

Edgerton, C. A., Manufacturing Company, Shirley, United States America; (38); 8221; 27th August (85; 7th October).  
 Ellis and Manton, Wellington, New Zealand; (42); 8216; 24th August (75; 9th September).  
 Farmer's Sanitary Pan Company of New Zealand, Auckland, New Zealand; (18); 8104; 10th July (63; 29th July).  
 Farmer's Sanitary Pan Company of New Zealand, Auckland, New Zealand; (2); 8114; 19th July (63; 29th July).

Fletcher, C. A., Wellington, New Zealand; (3); 8117; 19th July (63; 29th July).  
 Fletcher, C. A., Wellington, New Zealand; (3); 8172; 3; 5th August (71; 26th August).  
 Fletcher, C. A., Wellington, New Zealand; (3); 8118; 19th July.  
 Frossard, Levic, and Co. (see F. Levic).  
 Fry, J. S., and Sons, Limited, Bristol, England; (42); 8084; 1st July.

Great Northern Brewery, Limited, Auckland, New Zealand; (43); 8153; 2nd August (78; 23rd September).  
 Green, T. H., and Co., Christchurch, New Zealand; (42); 8108; 13th July (63; 29th July).  
 Gundelfinger, B., K., and A., and another ("B. Gundelfinger"), Johannesburg, South Africa; (42); 8150; 30th July (78; 23rd September).

Hadfields Steel Foundry Company, Limited, Sheffield, England; (5, 6, 13, 19); 7896, 7, 8, 9; 18th March (71; 26th August).  
 Haig, J., and Co., Limited, Markinch, Scotland; (43); 8155; 3rd August (71; 26th August).  
 Hardley and Hardley, Limited, Auckland, New Zealand; (5); 8240; 8th September (85; 7th October).  
 Hargreaves, J., Auckland, New Zealand; 8233; 3rd September (85; 7th October).  
 Hargreaves Bros. and Co., Limited, Hull, England; (47); 8198; 19th August (75; 9th September).  
 Hayward Bros. and Co., Limited, Christchurch, New Zealand; (47); 8206; 20th August (78; 23rd September).  
 Heath, R., and Sons, Limited, London, England; (5); 8145; 29th July (66; 12th August).  
 Heath, R., and Sons, Limited, London, England; (6); 8143, 4; 29th July.  
 Heather, Robertson, and Co., Auckland, New Zealand; (15); 8277; 28th September (88; 21st October).

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*continued.*

- Henderson, J., Island Cliff, New Zealand; (2); 8256; 17th September (85; 7th October).
- Hendy, A. M., Dunedin, New Zealand; (50); 8121; 22nd July (88; 21st October).
- Hotop, H. H., Sydney, New South Wales; (1); 8242; 8th September (78; 23rd September).
- Hudson and Marriott, Limited, Levin, New Zealand; (42); 8272; 24th September.
- Hunt, G., Wellington, New Zealand; (18); 8255; 17th September (85; 7th October).
- Hutchinson Bros., Limited, Auckland, New Zealand; (42); 7981; 13th May (78; 23rd September).
- Hutchinson Bros., Limited, Auckland, New Zealand; (42); 8248; 13th September.
- Hyde, A., Te Awamutu, New Zealand; (43); 8254; 16th September.
- Hymans, J., London, England; (34); 8212; 24th August (75; 9th September).
- Ireland, S. S., Blenheim, New Zealand; (50); 8257; 18th September.
- Jackson and Co. (see G. H. and J. H. Jackson).
- Jackson, G. H., and J. H. ("Jackson and Co."), Wellington, New Zealand; (1); 8132; 26th July (66; 12th August).
- Jackson, H. L., Blenheim, New Zealand; (3); 8281; 29th September (88; 21st October).
- Jones, A., Auckland, New Zealand; (39); 8225; 30th August (75; 9th September).
- Kaumheimer, B., and others ("B. Gundelfinger"), Johannesburg, South Africa; (42); 8150; 30th July (78; 23rd September).
- Keystone Lubricating Company (see A. C. Buzby).
- Klotz, H. and G., and Cie ("Ed. Pinaud"), Paris, France; (48); 8180, 1, 2, 3; 10th August (71; 26th August).
- Kronheimer, J., and Co., Hamburg, Germany; (50); 8029; 4th June (78; 23rd September).
- Krupp, F., Aktiengesellschaft Grusonwerk Magdeburg-Buckau, Germany; (5, 6, 7, 13); 8266, 7, 8, 9; 22nd September.
- Kynvett, F. B., Auckland, New Zealand; (6); 8128; 23rd July.
- Laidlaw, Leeds, and Co., Auckland, New Zealand; (42); 8176; 9th August (75; 9th September).
- Lambert, T. D., jun. ("The Reducine Company"), Dublin, Ireland; (2); 8137; 27th July (66; 12th August).
- Lee, G. M., and another, Auckland, New Zealand; (4); 8149; 29th July.
- Lennard, A. C., Wanganui, New Zealand; (42); 8189; 14th August (75; 9th September).
- Leurent, E., Tourcoing, France; (34, 38); 8154, 5; 3rd August (71; 26th August).
- Leurent, E., Tourcoing, France; (34, 38); 8156, 7; 3rd August.
- Lever Bros., Limited, Balmain, New South Wales; (47); 8097; 8th July (63; 29th July).
- Lever Bros., Limited, Balmain, New South Wales (48); 8098; 8th July (63; 29th July).
- Levic, F. ("Frossard, Levic, and Co."), Sydney, New South Wales; (45); 8086; 2nd July (59; 15th July).
- Levic, F. ("Frossard, Levic, and Co."), Sydney, New South Wales; (45); 8087; 2nd July (59; 15th July).
- Levic, F. ("Frossard, Levic, and Co."), Sydney, New South Wales; (45); 8088; 2nd July (59; 15th July).
- Levic, F. ("Frossard, Levic, and Co."), Sydney, New South Wales; (45); 8089; 2nd July (63; 29th July).
- Litherland, W., and Co., Hikurangi, New Zealand; (42); 8238; 7th September (85; 7th October).
- Long, T. F., Gisborne, New Zealand; (2); 8234; 3rd September.
- Lucas, A. H. S. ("Dr. Lucas's Papaw Ointment Company"—"The Australian Papaw (Dr. Lucas's) Ointment Company"), Wellington, New Zealand; (3); 8258; 18th September (85; 7th October).
- Lucas's, Dr., Papaw Ointment Company (see A. H. S. Lucas).
- Lungley, C. F., Albert Park, Victoria; (37); 8205; 19th August (78; 23rd September).
- Lutz, E. F., Christchurch, New Zealand; (3); 8112; 16th July (63; 29th July).
- MacEwan, J. B., and Co., Limited, Wellington, New Zealand; (42); 8151; 31st July (78; 23rd September).
- MacEwan, J. B., and Co., Limited, Wellington, New Zealand; (42); 8191; 16th August (85; 7th October).
- Maitland Brewing Company, Limited, Sydney, New South Wales; (43); 8222; 27th August (78; 23rd September).
- Maitland Brewing Company, Limited, Sydney, New South Wales; (15); 8226; 30th August (75; 9th September).

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*continued.*

- May, F. W. ("May Bros."), Auckland, New Zealand; (42); 8184; 11th August (88; 21st October).
- May Bros. (see F. W. May).
- Martin, J., Wellington, New Zealand; (3); 8279; 29th September (88; 21st October).
- Mayson, S., Kaikoura, New Zealand; (47); 8261; 20th September (88; 21st October).
- McDonald, R. J., Devonport, New Zealand; (38); 8241; 8th September (85; 7th October).
- McNaughton, A. ("The British Plate Powder Company"), Dunedin, New Zealand; (50); 8131; 23rd July (71; 26th August).
- Meyer, W., and Co., Limited, Patras, Greece; (42); 8263; 22nd September (85; 7th October).
- Merck, E., Darmstadt, Germany; (3); 8164, 5; 4th August (71; 26th August).
- Milburn Lime and Cement Company, Limited, Dunedin, New Zealand; (17); 8274; 27th September.
- Milne and Choyce, Limited, Auckland, New Zealand; (47); 8210; 23rd August.
- Milne and Choyce, Limited, Auckland, New Zealand; (24); 8211; 23rd August (75; 9th September).
- Milsom and Co., Wellington, New Zealand; (48); 8174; 5th August (71; 26th August).
- Migge, W., London, E.C., England; (48); 8138; 27th July (66; 12th August).
- Mitchell, J., Auckland, New Zealand; (17); 8126; 22nd July (71; 26th August).
- Moir, J., and Son, Limited, London, England, Aberdeen, Scotland, and Seville, Spain; (42); 8273; 24th September (85; 7th October).
- Moore, M., Hawera, New Zealand; (3); 8278; 29th September.
- Morris, Little, and Son, Limited, Doncaster, England; (2); 8177; 9th August (71; 26th August).
- Morrison, E., and Sons, Warkworth, New Zealand; (42); 8095; 8th July (63; 29th July).
- Mulcott Belting Company, Limited, Bradford, England; (25); 8140; 28th July (85; 7th October).
- Munn, W. F., Hurstville, New South Wales; (38); 8179; 10th August (71; 26th August).
- Murray, R. L. H., Ponsoby, New Zealand; (18); 8152; 2nd August (71; 26th August).
- Nathan, J., and Co., Limited, Wellington, New Zealand; (5); 8168, 9, 70, 1; 5th August (71; 26th August).
- Neave, J. R., and Co., Fordingbridge, England; (42); 8228; 1st September.
- Nederlandsche Gist and Spiritusfabriek ("Netherlands Distilleries"), Delft, Holland; (43); 8146, 7, 8; 29th July (66; 12th August).
- Neill and Co., Limited, Christchurch, New Zealand; (42); 8105; 12th July (63; 29th July).
- Neill and Co., Limited, Christchurch, New Zealand; (42); 8106; 12th July.
- Netherlands Distilleries (see Nederlandsche Gist and Spiritusfabriek).
- Newcomb, A., and Co., Auckland, New Zealand; (50); 8220; 27th August (78; 23rd September).
- Newman, A. H., Napier, New Zealand; (47); 8196; 18th August (75; 9th September).
- Nicholson, J. and W., and Co., Limited, London, England; (43); 7911; 24th March (63; 29th July).
- Nobel's Explosives Company, Limited, Glasgow, Scotland; (20); 8115; 19th July (75; 9th September).
- Northampton Boot Factory (see H. S. Chambers).
- Oxford Sausage Company (see C. Chamberlain).
- Oxymel Oil and Anti-Corrosive Paint Proprietary, Limited, Melbourne, Victoria; (1); 8101; 8th July (78; 23rd September).
- Petrolite, Limited, Lambeth, England; (13); 7447; 16th July, 1908 (66; 12th August).
- Phillips, W., Christchurch, New Zealand; (43); 8227; 31st August (75; 9th September).
- Pinaud, Ed. (see H. and G. Klotz and Cie).
- Plowman, W., and Son, Napier, New Zealand; (3); 8249; 13th September.
- Porterbryggeriaktiebolaget D. Carnegie and Co, Goteborg, Sweden; (43); 8099; 8th July (63; 29th July).
- "Premier" Gas-engine Company, Limited, Sandiacre, England; (6); 8270; 22nd September.
- Reckitt's (Over Sea), Limited, Wellington, New Zealand; (50); 8192; 17th August (75; 9th September).
- Reducine Company (see T. D. Lambert, jun.).
- Reece, W., Christchurch, New Zealand; (17); 8280; 29th September.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*continued.*

- Reliance Commercial Agency, Christchurch, New Zealand; (49); 8142; 29th July (66; 12th August).  
 Rennie, G., and another, Auckland, New Zealand; (4); 8149; 29th July.  
 Reynolds, T. C., Prahran, Victoria; (42); 8012; 27th May (66; 12th August).  
 Ridgway Society, Sydney, New South Wales; (3); 8218; 26th August.  
 Rosenberg, A., London, England; (50); 8243; 9th September.  
 Rosenthal, A., and Co., Limited, London, England; (38); 8085; 1st July, 1909 (59; 15th July).  
 Ross, A. L., and Co., Christchurch, New Zealand; (50); 8073; 24th June (66; 12th August).  
 Ruddy, M., Sydney, New South Wales; (6); 8213, 4; 24th August (75; 9th September).  
 "Sarotti" Chocoladen and Cacao-Industrie, A. G., Berlin, Germany; (42); 8259; 20th September.  
 "Sarotti" Chocolader and Cacao-Industrie, A. G., Berlin, Germany; (42); 8860; 20th September (88; 21st October).  
 Scarborough, Nephew, and Co., Halifax, England; (34); 8264; 23rd September (85; 7th October).  
 Schmidt, H. J., Auckland, New Zealand; (39); 8100; 8th July (63; 29th July).  
 Smith and Veale, Auckland, New Zealand; (18); 8244; 10th September (78; 23rd September).  
 Societe Anonyme "Dubonnet," Paris, France; (43); 8102; 9th July (63; 29th July).  
 Societe Generale des Etablissements Bergougnan and Cie, Clermont-Ferrand, France; (40); 8232; 2nd September (75; 9th September).  
 Spirella Company, Meadville, United States America; (38); 8136; 27th July (66; 12th August).  
 Takamine, J., New York, United States America; (42); 8111; 13th July (63; 29th July).  
 Tamaki Co-operative Dairy Company, Limited, Dannevirke, New Zealand; (42); 8190; 16th August (71; 26th August).  
 Taylor, B., Christchurch, New Zealand; (1); 8223; 28th August.  
 Teofani and Co., Limited, London, England; (45); 8215; 24th August (75; 9th September).  
 Toomer, A. F., Christchurch, New Zealand; (38); 8209; 21st August (75; 9th September).  
 Tootal, Broadhurst, Lee Company, Limited, Manchester, England; (24); 8199, 8201; 19th August (75; 9th September).  
 Tootal, Broadhurst, Lee Company, Limited, Manchester, England; (25); 8200; 19th August (75; 9th September).  
 Torries, Limited, Auckland, New Zealand (44); 8185; 11th August (78; 23rd September).  
 Tucker, W. F., and Co., Auckland, New Zealand; (42); 8235; 4th September (75; 9th September).  
 Vacuum Oil Company Proprietary, Limited, Melbourne, Victoria, and Wellington, New Zealand; (47); 8082; 29th June (63; 29th July).  
 Vinolia Company, Limited, London, England; (48); 8276; 28th September (85; 7th October).

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*continued.*

- Waldron, C. F., Auckland, New Zealand; (50); 8096; 8th July.  
 Walker, J., and Sons, Limited, Kilmarnock, Scotland; (43); 8167; 4th August.  
 Waterman, L. E., Company, New York, United States America; (39); 8187; 12th August.  
 Wedgwood, J., and Sons, Limited, Stoke-on-Trent, England; (16); 7965; 27th April (78; 23rd September).  
 Weingarten Bros., Inc., New York, United States America; (38); 8202; 19th August.  
 West, T. ("T. West and Co."), Dunedin, New Zealand; (44); 8071; 24th June (71; 26th August).  
 West, T., and Co. (see T. West).  
 Willox, D., Parkhead, Scotland; (50); 8217; 26th August (75; 9th September).  
 Winchester Repeating Arms Company, Connecticut, United States America; (19); 7696, 7, 8, 9; 23rd November, 1908 (66; 12th August).  
 Wright, Stephenson, and Co., Limited, Dunedin, &c., New Zealand; (42); 8103; 9th July (63; 29th July).  
 Wright, Stephenson, and Co., Limited, Dunedin, &c., New Zealand; (50); 8197; 18th August (75; 9th September).  
 Wright, Stephenson, and Co., Limited, Dunedin, &c., New Zealand; (37); 8236; 4th September (75; 9th September).

## Alphabetical List of Applicants for Registration of Designs.

ALPHABETICAL list of applicants for registration of designs for the quarter ended 30th September, 1909. The numbers in parentheses are those of the classes, the next number and date are those of the application, and the final number and date those of the *Gazette*.

- Canterbury Wire-working Company. (See W. J. Jenkin, D. F. Coulter, and H. H. Priston.)  
 Coulter, D. F., and others, Christchurch, N.Z.—(1); 491, 29th September; 88, 21st October.  
 Freebury, E. J., Nelson, N.Z.—(1); 488, 16th September; 85, 7th October.  
 Hunton, G. W., Christchurch, N.Z.—(10); 486, 7th July; 63, 29th July.  
 Hunton, G. W., Christchurch, N.Z.—(10); 493, 2nd September; 93, 4th November.  
 Jenkin, W. J., and others, Christchurch, N.Z.—(1); 491, 29th September; 88, 21st October.  
 Morris, J., Wellington, N.Z.—(10); 492, 24th September; 88, 21st October.  
 New Zealand Brick, Tile, and Pottery Company, Limited, Auckland, N.Z.—(4); 487, 3rd August; 66, 12th August.  
 Priston, H. H., and others, Christchurch, N.Z.—(1); 491, 29th September; 88, 21st October.  
 Smith, E. J., New York, U.S.A.—(1); 489, 6th April; 85, 7th October.  
 Wellington Co-operative Boot Company, Wellington, N.Z.—(10); 490, 13th September; 85, 7th October.

The first part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are:

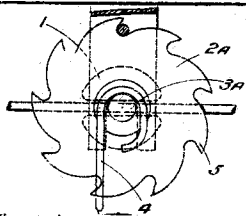
- John Smith
- James Brown
- William Jones
- Robert Taylor
- Thomas White
- Charles Green
- Henry Black
- George Grey
- Edward Red
- Richard Blue
- Samuel Yellow
- Benjamin Purple
- Joseph Orange
- Samuel Green
- John White
- James Brown
- William Jones
- Robert Taylor
- Thomas White
- Charles Green
- Henry Black
- George Grey
- Edward Red
- Richard Blue
- Samuel Yellow
- Benjamin Purple
- Joseph Orange

The second part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are:

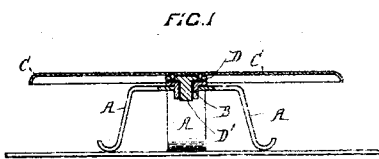
- John Smith
- James Brown
- William Jones
- Robert Taylor
- Thomas White
- Charles Green
- Henry Black
- George Grey
- Edward Red
- Richard Blue
- Samuel Yellow
- Benjamin Purple
- Joseph Orange
- Samuel Green
- John White
- James Brown
- William Jones
- Robert Taylor
- Thomas White
- Charles Green
- Henry Black
- George Grey
- Edward Red
- Richard Blue
- Samuel Yellow
- Benjamin Purple
- Joseph Orange

# ILLUSTRATIONS OF INVENTIONS.

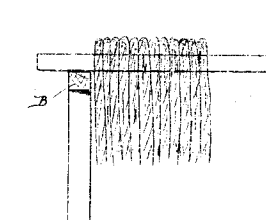
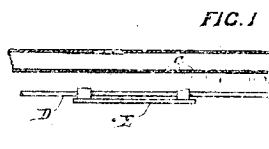
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



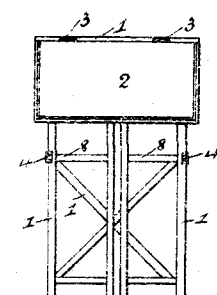
Wire-strainer. Macgregor and Reid. 25075.



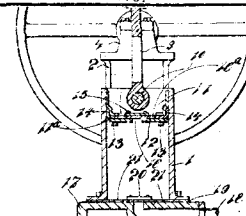
Oven-shelf. Owen. 25225.



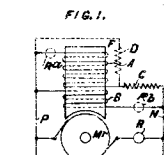
Flax-treatment. Sciort. 25395.



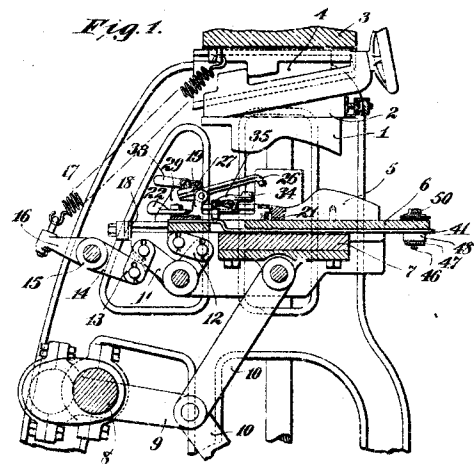
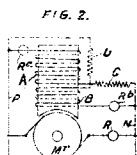
Wardrobe. Loughnan. 26766.



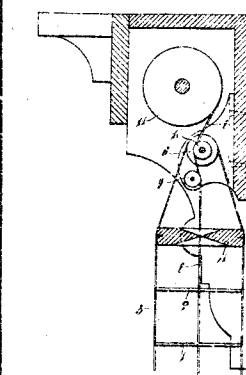
Milking-machine Vacuum-pump. Reid. 25236.



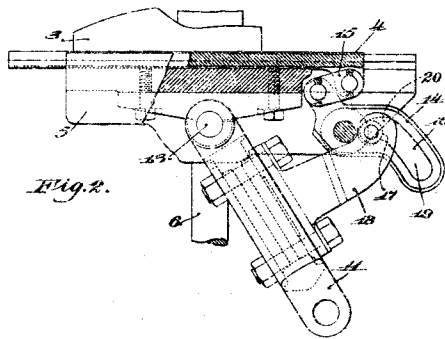
Electro-magnet Winder. Stansfield and Hatt. 26730.



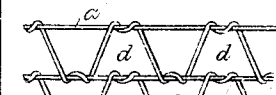
Boot Pressure-softening Machine. United Shoe Machinery Company. (Preble.) 25414.



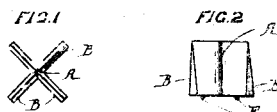
Venetian Blind. Sollett. 25474.



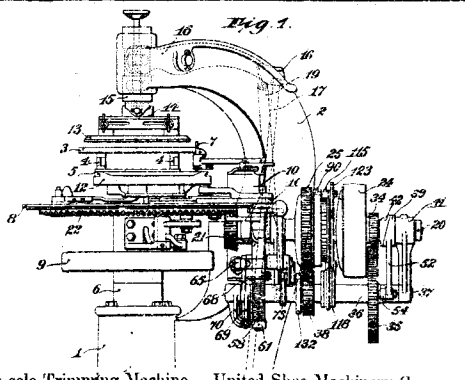
Boot-sole Leveling Machine. United Shoe Machinery Company. (Ball.) 25413.



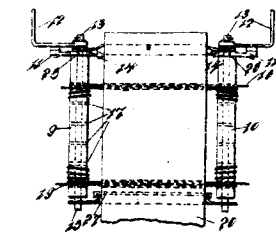
Brickwork Bond. Johnson. 25761.



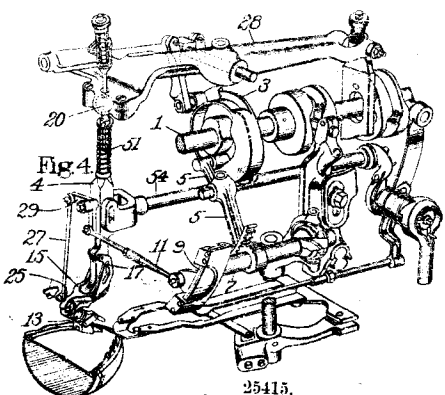
Broom-handle Fastener. Roseman. 25184.



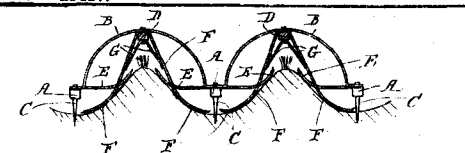
Boot-sole Trimming Machine. United Shoe Machinery Company. (Eaton.) 25417.



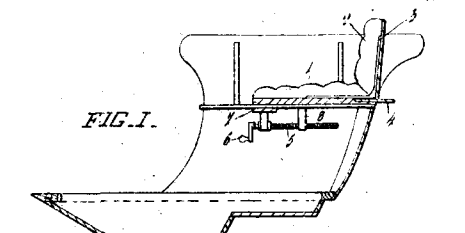
Wire-strainer. Howard. 26712.



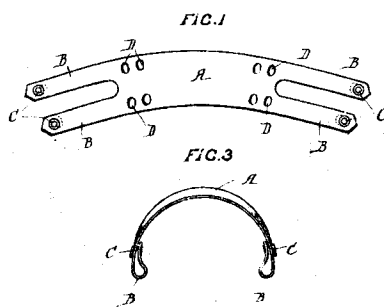
Boot-lasting Machine. United Shoe Machinery Company. (Wheeler, Winkley, and Smith.) 25415.



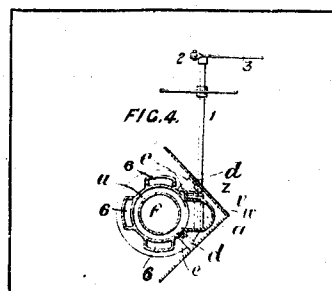
Drill and Ridge Scarifier. Sheedy. 25478.



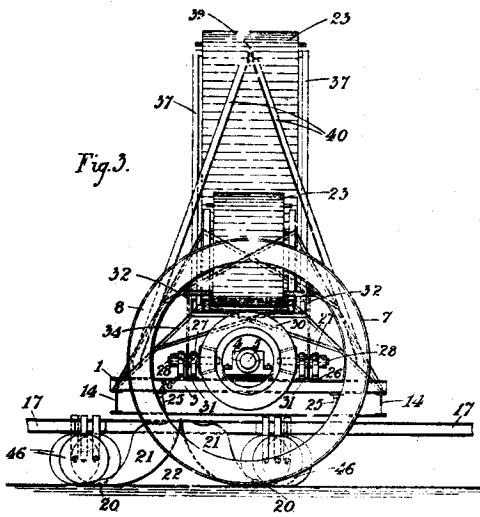
Bicycle Toe-clip. Pearse. 25889.



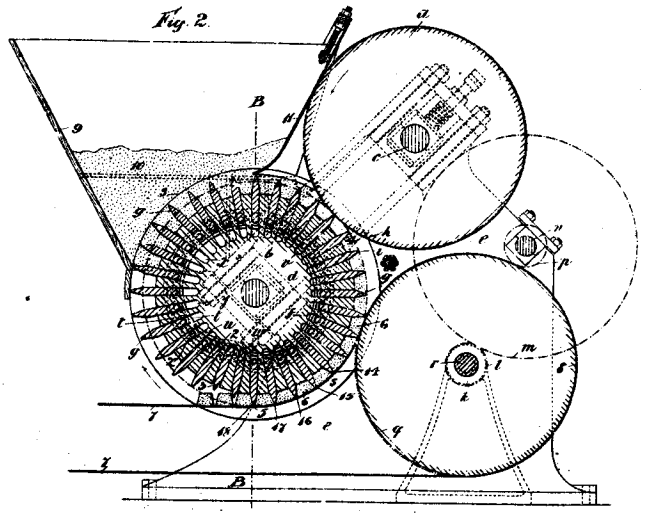
Bicycle Toe-clip. Pearse. 25889.



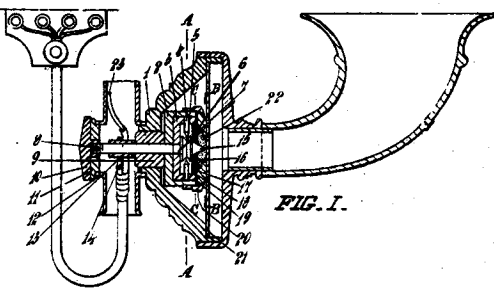
Locomotive Smoke-box. Hunter. (Thompson.) 26647.



Excavator Raiser and Dumper. Castles. 26610.

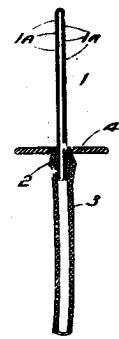


Briquette-machine. Güll. 26681.



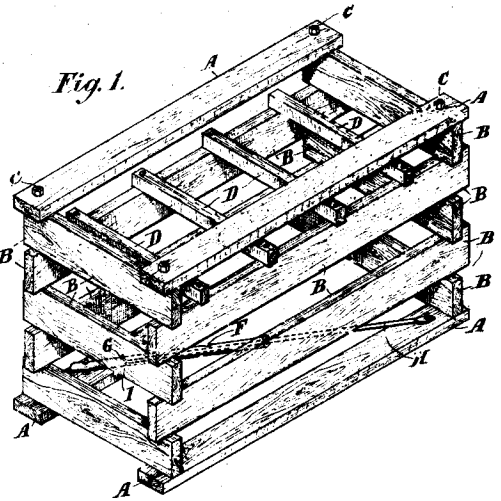
Telephone-transmitter. Moloney. 26625.

FIG. 2



Milking-apparatus. Millar and Wade. 26656.

Fig. 1.



Crate. Huie and Glassop. 26664.

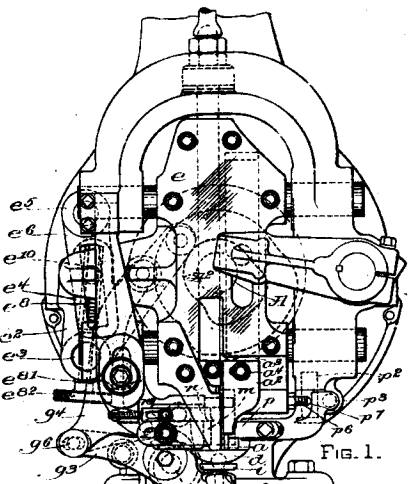
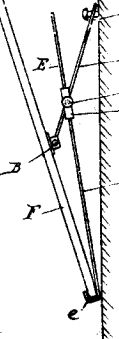
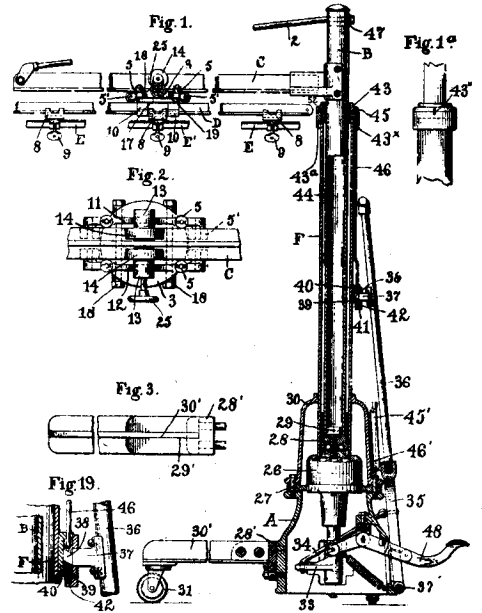


FIG. 10. FIG. 16. Boot-pegging Machine. United Shoe Machinery Company. 26624. (Davey).

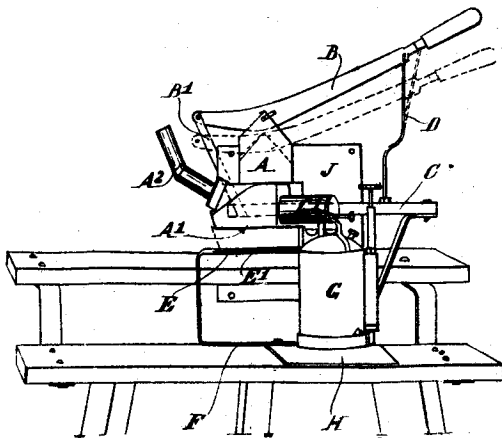
FIG. 2



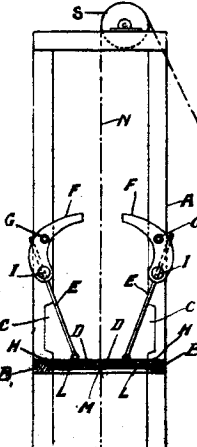
Picture-hanger. Thompson and Goodwin. 26677.



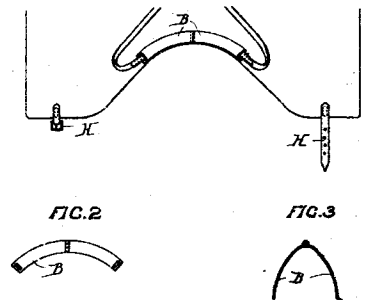
Invalid-lifter. Smith. 26682.



Cutter and Cauterizer. Phillips. 26650.

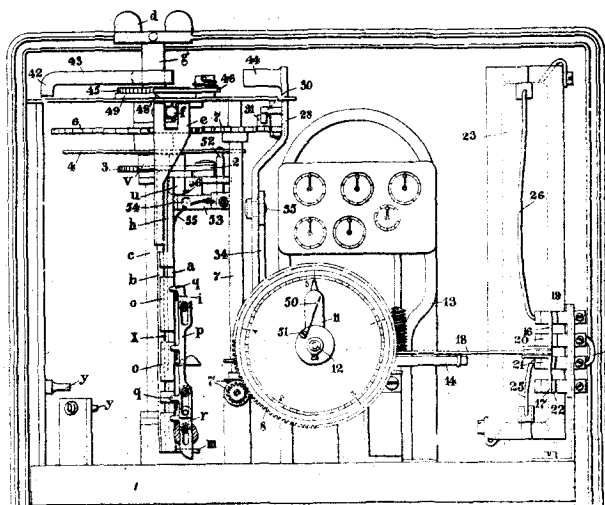


Lift-shaft Safety-device. Leaf. 26787.

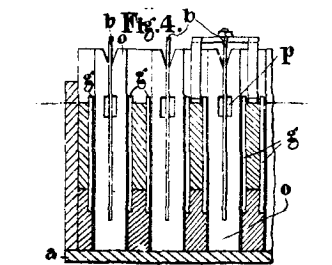


Animal-cover. Jenne. 26652.





Coin-freed Mechanism. Hibberd. 26557.



Electrolytic Cell. Williams and H. and W. Bradley. 26558.

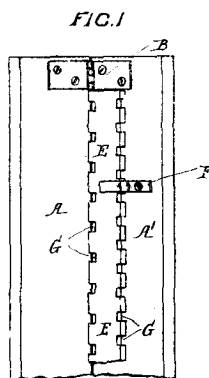
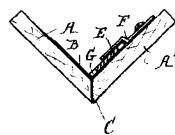
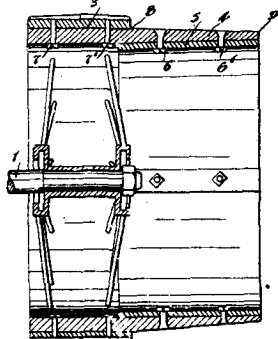


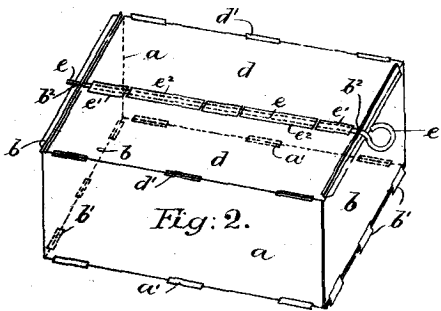
FIG. 2



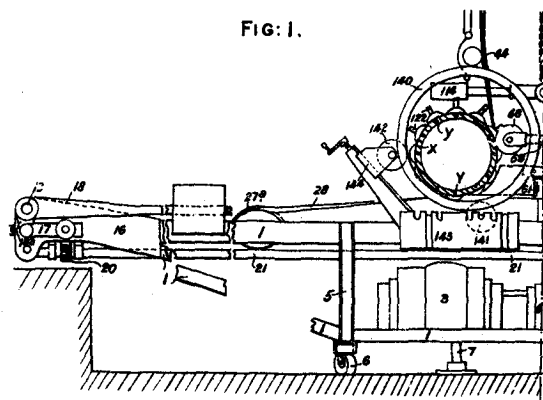
Seed-sower. Goodwin. 26604.



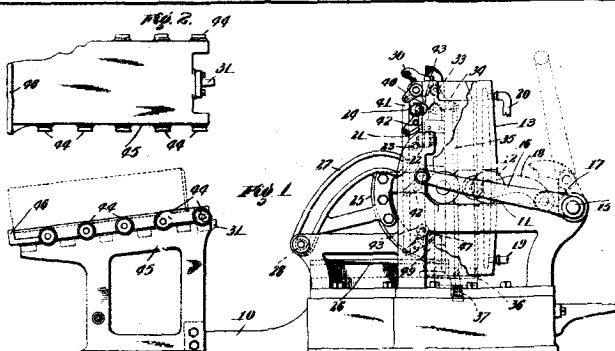
Traction-engine Wheel Rim. Scheie. 26594.



Crate. Holly and Radford. 26592.



Concrete-cylinder Producer. Siegwart. 26556



Stereotype-plate Caster. Hunter. (Printing Machinery Company (Limited),—Wood.) 26622.



Fig. 2.

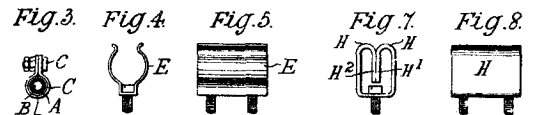
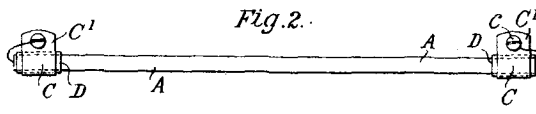
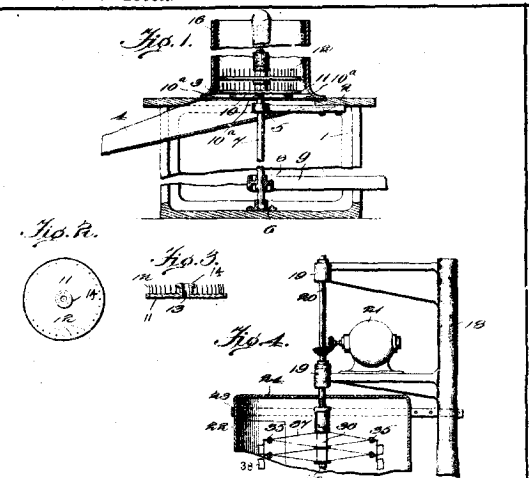
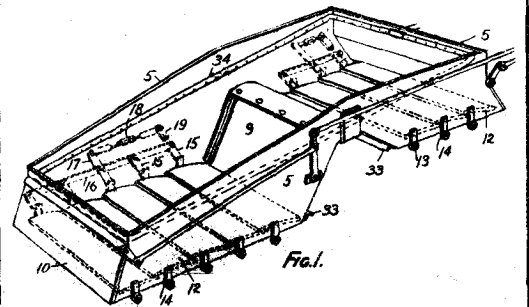


Fig. 6.

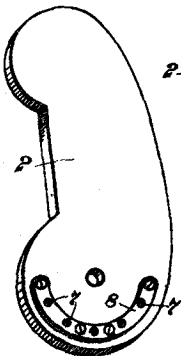
Electrical-energy Transformer. Bastian. 26644.



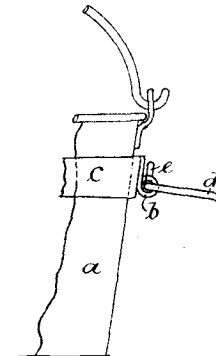
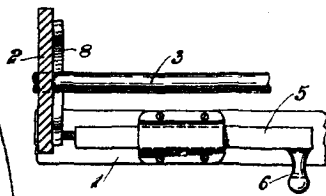
Crustacea-shucker. Yancey. 26591.



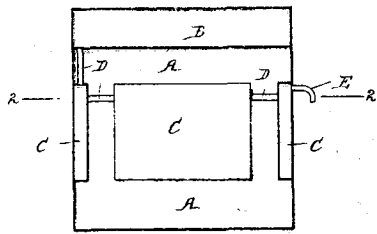
Locomotive Ash-pan. Hills. 26698.



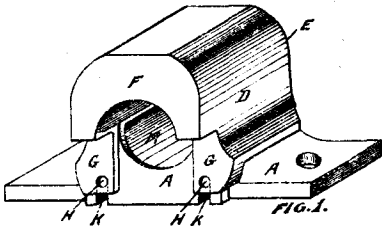
Couch. Chapman. 26691.



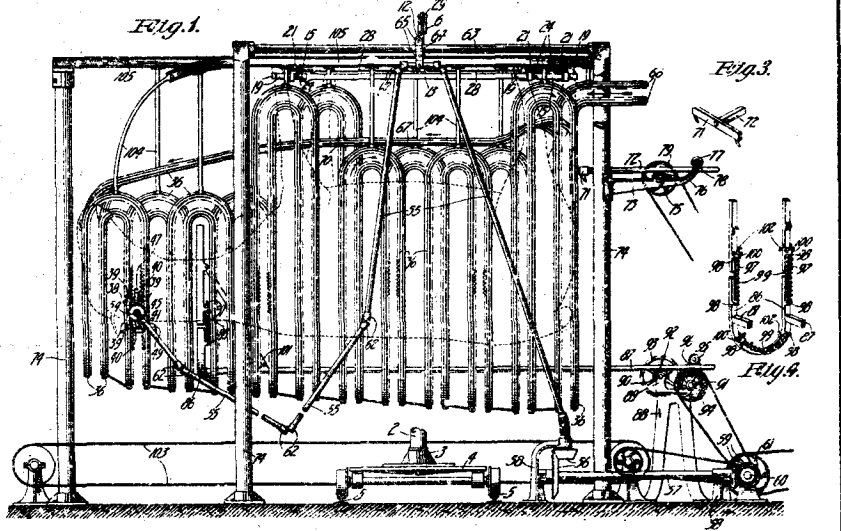
Milk-bucket Knee-grip. Holly. 26748.



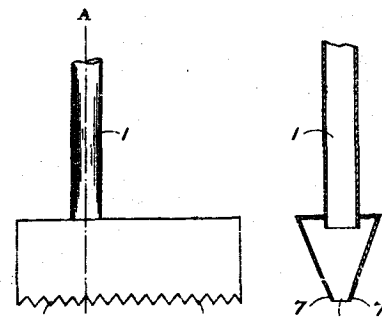
Ice-chest. O'Brien. 26633.



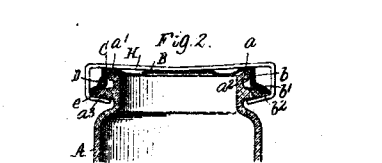
Bearing for Axles, Pedestal, Phelan, Parsons, and Jansen. 26673.



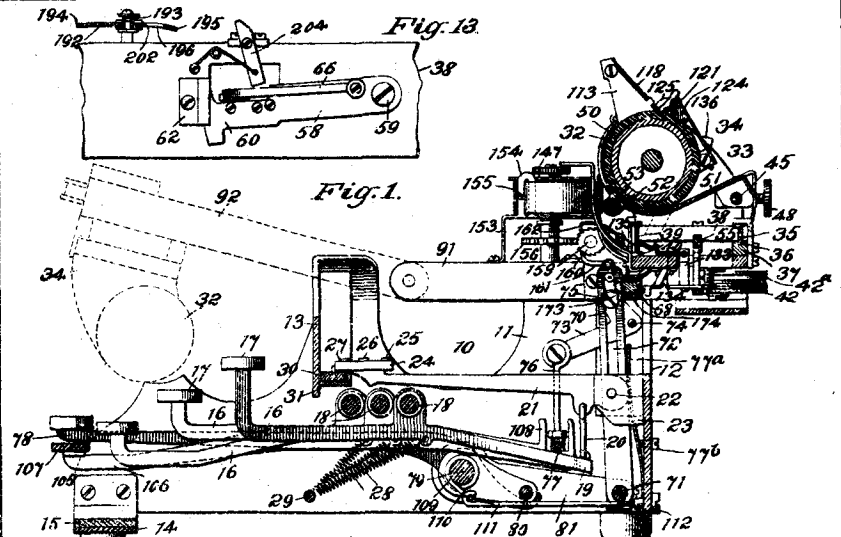
Sheep-shearer. De Grosse. 26728.



Beer, &c. Sediment-remover. Levy. 26608.



Closure, Vessel. A. L. Schram. 26721



Typewriter. Hazen. 26742.

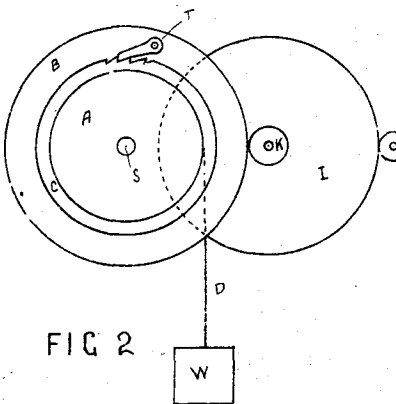
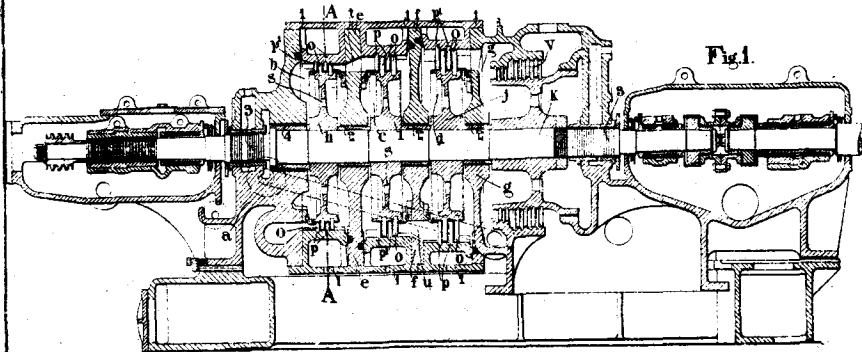
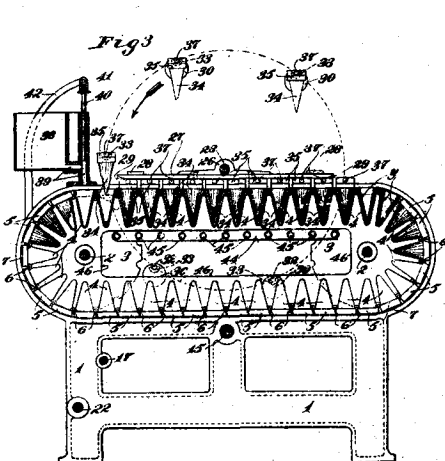


FIG 2

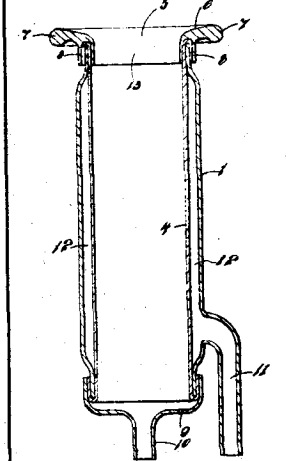
Clock. Jackson. 26606.



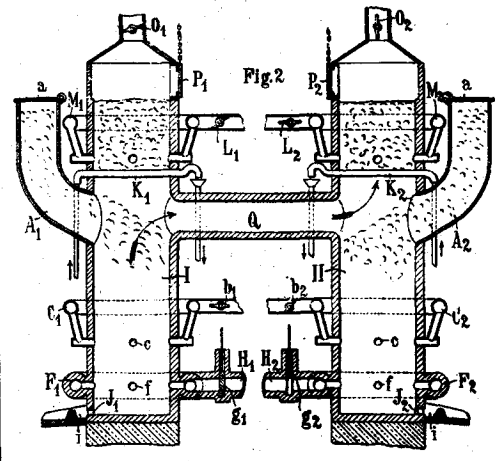
Turbine. Parsons. 26651.



Ice-cream Cone Machine. St. Paul Cornet Company. (Wessel.) 26764.



Milking-machine Test-cap. Reid. 26864.



Metal-production. Timm. 26648.