

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. 21, of the 11th March. 18th March to 1st April, inclusive.

Dunedin.

Gazette No. 21, of the 11th March. 7th April to 21st April, inclusive.

Gazette No. 16, of the 25th February. 24th March to 7th April, inclusive.

Gazette No. 12, of the 11th February. 10th March to 24th March, inclusive.

Christchurch.

Gazette No. 21, of the 11th March. 26th April to 10th May, inclusive.

Gazette No. 16, of the 25th February. 14th April to 28th April, inclusive.

Gazette No. 12, of the 11th February. 29th March to 13th April, inclusive.

Gazette No. 7, of the 28th January. 15th March to 29th March, inclusive.

[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.
Belgium.	Japan.
Brazil.	Mexico.
Ceylon.	New Zealand.
Cuba.	Norway.
Denmark and Faroe Islands.	Portugal, with the Azores and Madeira.
Dominican Republic.	Servia.
France, with Algeria and Colonies.	Spain.
Germany.	Sweden.
Great Britain.	Switzerland.
Holland, with East Indian Colonies, Curaçoa, and Surinam.*	Tunis.
	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 26th November, 1908.

Classified illustrated abridgments of inventions from 1855 to 1905 and part of 1906.

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

Index of Applicants.

Subject-matter Index.

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

Trade Marks Journal to December, 1908.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to August, 1908.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January, 1906, to the 23rd June, 1908, 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^(b).

United States.

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

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to January, 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.—TOWN HALL.

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^(a).
3. Register of Applications for Letters Patent.
4. Register of Patents.
5. Register of Subsequent Proprietors of Letters Patent^(b).
6. Index of Patentees^(c).
7. Index of Proprietors of Letters Patent granted prior to 1890^(d).
8. Index of Specifications^(e).

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.

(a) 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^(a).
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^(b).
- Pamphlet containing Act and Regulations (price 1s.).

^(a) Names of applicants for registration and proprietors of trade marks are indexed at the beginning of the Registers up to 31st December, 1899; in separate volume up to 5th September, 1904; and since the latter date in card index.

^(b) May also be obtained at any local Patent Office or money-order office.

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

BOOKS, 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 to end of 1908. (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 to 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.
- Pamphlet containing Act and Regulations. (Price, 1s.)

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

Official Publications.

THE following publications may be obtained from the Government Printer, Wellington:—

Printed specifications to the end of the year 1879.

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 1906 inclusive.

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

Local Patent Offices.

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

- Auckland—Supreme Court. (E. W. Cave, 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. B. 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. Tayler, 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.)

Holiday on 17th March (St. Patrick's Day).

Office of the Minister of Internal Affairs,
Wellington, 18th February, 1909.

THE public offices throughout the Dominion will be closed on Wednesday, the 17th March, 1909, being St. Patrick's Day.

D. BUDDO,
Minister of Internal Affairs.

Applications for Letters Patent filed.

LIST 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.)

- No. 25584.—19th February.—C. R. Macdonald, Auckland, N.Z.
Marine-engine governor.
- No. 25585.—19th February.—C. R. Macdonald, Auckland, N.Z.
Thrust-bearing.
- No. 25586.—20th February.—A. Ross, Eilerslie, N.Z.
Heating and circulating boiler.
- No. 25587.—20th February.—W. Richardson, Wyndham, N.Z.
Bolt.
- No. 25588.—23rd February.—E. Andreae, London, Eng.
Suspending curtains.* (Date applied for under section 106 of "The Patents Act, 1889," 25th February, 1908.)
- No. 25589.—23rd February.—G. Bradley, Wellington, N.Z.
Weather-shield of motor-car.

- No. 25590.—23rd February.—W. J. Rawling, Adelaide, S. Aust.
Sanitary pan.*
- No. 25591.—23rd February.—Malkemaskinecompagniet, Patent Gandil, Limited, Copenhagen, Denmark.
Milking-machine.*
- No. 25592.—23rd February.—J. J. Wilton, Masterton, N.Z.
Appliance for picking fruit.*
- No. 25593.—23rd February.—T. McEwen, Longburn, N.Z.
Preparing flax from the blade.
- No. 25594.—23rd February.—J. Kirkwood, Wellington, N.Z.
Suspension of electric lamps.*
- No. 25595.—24th February.—A. J. Arbuikle and A. Osborne, Belgravia, Transvaal.
Separating crushed-ore products.*
- No. 25596.—24th February.—J. S. Douglas, Dunedin, N.Z.
Trolley-pole controller.
- No. 25597.—24th February.—C. Edenfeldt and H. Pearson, Wellington, N.Z.
Cash-receiver.*
- No. 25598.—24th February.—D. McLean, Auckland, N.Z.
Level.
- No. 25599.—24th February.—M. Christopherson, Mangatera, N.Z.
Auger.
- No. 25600.—24th February.—O. A. Curnow, Rockville, N.Z.
Weighing and delivering liquids in predetermined quantities.
- No. 25601.—25th February.—J. H. Jenkins and A. H. Baker, Sydney, N.S.W.
Stereoscopic pictorial and panoramic advertising-machine.
- No. 25602.—25th February.—A. Cowell, Rockhampton, Queensland, and J. Phillips, Tapungah, Queensland.
Fencing-dropper.*
- No. 25603.—25th February.—H. Haugh, Johannesburg, Transvaal.
Filter-press.
- No. 25604.—25th February.—S. H. Donkin, Wellington, N.Z.
Safe and rest for hot plate.
- No. 25605.—25th February.—S. Bendle, D. I. Smith, and T. B. H. Thorne, London, Eng.
Nourishing-wine.* (Date applied for under section 106 of "The Patents Act, 1889," 25th February, 1908.)
- No. 25606.—24th February.—W. Aston, Blenheim, N.Z.
Manure-distributor.
- No. 25607.—26th February.—F. Davison, Caulfield, Vic.
Screen for windows.*
- No. 25608.—26th February.—D. F. B. Brown, Auckland, N.Z.
Tramway-car brake.
- No. 25609.—27th February.—A. Tyree and Co., Limited, Christchurch, N.Z.
Football-boot. (*W. Main and J. V. Tyree.*)
- No. 25610.—25th February.—E. E. Kennedy, Melbourne, Aust.
Displaying advertising-matter.*
- No. 25611.—24th February.—E. N. Waters, Melbourne, Vic.
Glass-blowing machine.* (*Acme Bottle Manufacturing Company, Limited—August Rohrbach.*)
- No. 25612.—25th February.—D. Donald, Masterton, N.Z.
Removing loose fibre from wool-packs.
- No. 25613.—27th February.—A. S. Tange and P. Ellis, Wellington, N.Z.
Game.
- No. 25614.—25th February.—J. J. Neugeschwender, Timaru, N.Z.
Cooking-range.
- No. 25615.—26th February.—J. Small, Dunedin, N.Z.
Water-purifier.
- No. 25616.—24th February.—H. J. and E. E. Turner, Wanganui, N.Z.
Chain-wheel for cycles.*
- No. 25617.—25th February.—M. T. Braik, Dunedin, N.Z.
Fireless cooker.
- No. 25618.—25th February.—G. Williamson, jun., Wyndham, N.Z.
Lifting-jack.
- No. 25619.—25th February.—A. Edmond, Dunedin, N.Z.
Cleaning-instrument.
- No. 25620.—1st March.—G. A. Pearson, Petone, N.Z.
Brake-pipe coupling.*
- No. 25621.—1st March.—J. M. Taylor and H. Oakley, Christchurch, N.Z.
Flushing-cistern.*
- No. 25622.—2nd March.—F. Smith, Christchurch, N.Z.
Shoette.*
- No. 25623.—2nd March.—D. Munro, Featherston, N.Z.
Earth-scoop.
- No. 25624.—1st March.—A. G. Codey, Dargaville, N.Z.
Shut-off socket.
- No. 25625.—3rd March.—W. H. Boyens, Pahiatua, N.Z.
Launching life-boats.
- No. 25626.—3rd March.—P. A. S. Stephens, Ashburton, N.Z.
Cartridge-holder.
- No. 25627.—3rd March.—E. S. Baldwin, H. H. Rayward, W. Forrester, and P. Ellis, Wellington, N.Z.
Aeroplane.
- No. 25628.—3rd March.—W. S. Potter, Mahwah, U.S.A.
Steel-rail working.*
- No. 25629.—3rd March.—United Shoe Machinery Company, Paterson, U.S.A.
Sole-rounding machine. (*B. F. Mayo and I. C. Buckminster.*)
- No. 25630.—3rd March.—W. V. Watson, Matehuala, Mexico.
Extraction of metals from ores.*
- No. 25631.—3rd March.—W. V. Watson, Matehuala, Mexico.
Precipitation of metals from cyanide solutions.*
- No. 25632.—1st March.—N. C. Christie and W. Henderson, Invercargill, N.Z.
Railway air-brake apparatus.
- No. 25633.—1st March.—J. Burton, Owaka, N.Z.
Hair-cream.
- No. 25634.—4th March.—E. W. Greenwood, Melbourne, Aust.
Horse- and cattle-rug fastening.
- No. 25635.—4th March.—E. W. Greenwood, Melbourne, Aust.
Roller-blind fitting.
- No. 25636.—4th March.—Babcock and Wilcox, Limited, London, Eng.
Conveyer-chain.* (*J. H. Rosenthal.*)
- No. 25637.—4th March.—H. T. Twiss, Stratford, N.Z.
Receptacle for comestibles.
- No. 25638.—4th March.—Black Sand and Gold Recovery Company, Chicago, U.S.A.
Pipe dredge.* (*T. J. Lovett.*)
- No. 25639.—4th March.—T. J. Murphy, Rochester, U.S.A.
Electricity rectifier.*
- No. 25640.—4th March.—T. J. W. Kenny, Melbourne, Aust.
Droppings-receiver for harness-horses.
- No. 25641.—4th March.—P. R. Hughes, Geelong, Aust.
Metallic bale-fastener.
- No. 25642.—4th March.—United Shoe Machinery Company, Paterson, U.S.A.
Machine for lacing shoe-uppers. (*W. A. Smith.*)
- No. 25643.—4th March.—United Shoe Machinery Company, Paterson, U.S.A.
Feeding mechanism for shoe machinery. (*A. B. Jerram.*)
- No. 25644.—4th March.—K. D. Duncan and A. G. Hutchin-son, Wellington, N.Z.
Driving-gear for shearing-machine.*
- No. 25645.—4th March.—E. H. Donaldson, Karamea, N.Z.
Washing flax-fibre.
- No. 25646.—1st March.—T. Gore and H. Wyatt, Pahiatua, N.Z.
Telegraph-lineman's flexible ladder.
- No. 25647.—5th March.—H. M. Levinge, Okato, N.Z.
Locating wrecks.
- No. 25648.—3rd March.—N. C. Christie and W. Henderson, Invercargill, N.Z.
Railway air-brake apparatus.
- No. 25649.—3rd March.—X. C. A. Du H. De Sainte Croix, Johannesburg, Transvaal.
Safety device for gradual stoppage of falling conveyances in guided travelling-ways.*
- No. 25650.—3rd March.—A. H. V. King, Dunedin, N.Z.
Match.
- No. 25651.—6th March.—T. F. Leihy, Auckland, N.Z.
Branding eggs.*
- No. 25652.—4th March.—W. Morton, Dunedin, N.Z.
Feathering-float for current-wheel.*
- No. 25653.—4th March.—J. Beatty, Dunedin, N.Z.
Escritoire.*
- No. 25654.—5th March.—J. F. Lutjohann, Christchurch, N.Z.
Cushion for billiard-table.*
- No. 25655.—4th March.—A. G. Uptegraff, Lenox, U.S.A.
Overshoe for horses.* (*G. N. Kinnell.*)
- No. 25656.—8th March.—R. H. Carter, Katikati, N.Z.
Clip for holding wire on to standard.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 23rd February to the 8th March, 1909, inclusive:—

- No. 24327.—United Shoe Machinery Company, shoe-upper lacing-machine. (H. E. Enslin.)
 No. 24430.—W. J. Blair, acetylene-generator.
 No. 24446.—P. R. Robb and G. A. Birch, pocket-candle case.
 No. 24451.—United Shoe Machinery Company, welt-slitting mechanism. (E. E. Winkley and J. T. McIsaac.)
 No. 24454.—H. I. M. Ross, double-current ventilator.
 No. 24462.—H. W. McDonnell and A. G. R. Williams, lubricator.
 No. 24463.—E. D. Berry, skim-milk distributor.
 No. 24465.—J. M. Willetts, chaff cutter and bagger.
 No. 24508.—J. Patchett, threshing-machine.
 No. 24557.—United Shoe Machinery Company, sole-levelling machine. (E. E. Winkley.)
 No. 24558.—United Shoe Machinery Company, vamp-trimmer. (J. B. Hadaway.)
 No. 24561.—C. M. Graham, insulator.
 No. 24564.—C. M. Graham, insulator-support.
 No. 24713.—F. Dando, game.
 No. 25127.—J. C. Koller, ore-treatment.
 No. 25160.—J. C. Russell and A. F. Lord, electric conductor splicing-ear.
 No. 25165.—J. C. Russell and A. F. Lord, section insulator for electric tramway.

Notice of Acceptance of Complete Specifications.

Patent Office.

Wellington, 10th March, 1909.

COMPLETE specifications relating to the undermentioned 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.

No. 23765.—27th November, 1907.—JAMES ROBERT PATTERSON, of Wellington, New Zealand. Improved means for actuating machine sheep-shears.*

Claim.—Means for actuating machine sheep-shears, the same consisting in the combination with a pivoted cutter-bar having a forked extension upon its rear end, of a turbine engine arranged in the handle of the machine with its power-shaft arranged longitudinally in line with the cutter-bar, and provided with a crank or eccentric pin upon its forward end fitting between the forks on the rear end of the cutter-bar, substantially as specified.

(Specification, 4s. 6d.; drawing, 1s.)

No. 24067.—28th February, 1908.—WILLIAM EDWARD KINERNEY, of Timaru, New Zealand, Solicitor. An improved method of extinguishing outbreaks of fire in buildings, ships, or the like.*

Claims.—(1.) In fire-extinguishing systems of the class referred to, the storage of a volatile gas having fire-extinction properties within the system of pipes employed, and adapted to be automatically or mechanically discharged therefrom, substantially as described. (2.) In fire-extinguishing systems of the class referred to, means for the automatic discharge of the fire-extinguishing medium from the pipe system, consisting in the use of an explosive contained within the sealing-plugs and adapted to be exploded when desired, substantially as specified.

(Specification, 4s.; drawing, 1s.)

No. 24073.—27th February, 1908.—HILARY QUERTIER, of Dunedin, New Zealand, Engineer. Seat, berth, room, and table indicator.*

Claims.—(1.) In apparatus of the kind described, an electrical transmitter marked with numerals, and having an attached card correspondingly marked, and an indicator also similarly marked and electrically connected to the transmitter, substantially as set forth. (2.) In apparatus of the kind described, an electrical transmitter marked with numerals

and having an attached card correspondingly marked, an indicator also similarly marked, a spindle traversing the transmitter and electrically connected to the indicator, a spring handle secured to the spindle, contact-points on the transmitter corresponding to the numerals and electrically connected to the indicator, substantially as set forth. (3.) In a transmitter as claimed in claim 2, the employment of a handle, terminals, and numerals upon each side of the transmitter, substantially as set forth. (4.) In apparatus of the kind described, an electrical transmitter marked with numerals, an indicator also similarly marked and electrically connected to the transmitter by insulated wires, whereby the transmitter is suspended, substantially as set forth. (5.) In apparatus of the kind described, a transmitter having numbered contact-buttons located opposite the names of articles required by an operator, a pointer adapted to be placed opposite each name and to be pressed against the buttons, substantially as set forth. (6.) In apparatus of the kind described, an electric switch operable by the depression of a spring seat, and momentarily closing an electric circuit, substantially as set forth. (7.) In apparatus of the kind described, an electric switch operable by the vertical movement of a spring seat for momentarily closing an electrical circuit upon the downward movement and reversing the current on the upward movement of the seat, substantially as set forth. (8.) In apparatus of the kind described, an electric switch operable by the insertion of a ticket for the purpose of breaking an electric circuit, substantially as set forth.

(Specification, 7s. 6d.; drawing, 3s.)

No. 24116.—11th March, 1908.—JOHN HAROLD HUTCHINSON, of Queen's Avenue, off Dominion Road, Auckland, New Zealand, Engineer. Improvements in means for transporting merchandise and other material.*

Extract from Specification.—My invention broadly consists in—(1) Placing the supporting rollers in pairs, or, *vice versa*, placing the supporting bearings in pairs; (2) constructing a wagon with means for the gravitation therefrom of the subsidiary bottom or receptacle when released; (3) supporting a subsidiary bottom on rollers attached to its under-side, throughout the area intermediate to the outer rollers; (4) providing the subsidiary bottoms with adjustable means for their conversion to tipping purposes; (5) auxiliary supports for the overhanging ends or sides of a vehicle when about to have the subsidiary bottom pivoted above for tipping; (6) applying compression-trusses to a subsidiary bottom for strengthening purposes; (7) constructing the subsidiary bottoms or the like on T (tee) or angle bars in combination with rollers; (8) an automatic link and pin locking-device for securing the subsidiary bottoms to the under-vehicle; (9) auxiliary vehicles for removing the empty subsidiary bottoms; (10) portable stagings for receiving the subsidiary bottoms; (11) adaptable subsidiary bottoms for traversing the curves of an incline; (12) an auxiliary height-restoring device for raising the back end of a vehicle (having its load supported on springs) in order to discharge a subsidiary bottom.

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

(Specification, 14s. 6d.; drawing, 2s.)

No. 24155.—20th March, 1908.—JOHN ADAM BERG, of No. 22 George Street, Christchurch, New Zealand, Coach-smith. An improved steel-frame gig.*

Claim.—The improvement in shortening the side frame as seen at Fig. 2 AAE to that of Fig. 1 AA that runs from front A1 to the back of frame AA2 and connects with the side springs BB, and thereby riding stiff, and also of fixing a span iron and cross spring to connect themselves to side springs BB, and thereby give the gig the novelty of riding more easy and comfortable and balance better.

(Specification, 1s.; drawing, 1s.)

No. 24224.—4th April, 1908.—CHARLES SUTTIE, of Waharoa, New Zealand, Flaxmillier, and MONTAGUE HARRISON WYN-YARD, of Auckland, New Zealand, Solicitor. Improved means of treating New Zealand flax and the like after washing.*

Claims.—(1.) The combination of an endless travelling tensioned conveyor-band with a hot-air chamber, an opening into and an outlet from such chamber through which the conveyor-band passes, and a series of grooved or flanged pulleys mounted on axes within such chamber to give a

lengthy travel of such conveyor-band within such chamber, substantially as and for the purposes described. (2.) The combination referred to in claim I hereof, with the addition of a steam-charged chamber located at the outlet from the hot-air chamber, through which the conveyor-band passes on its travel after leaving the hot-air chamber, substantially as and for the purposes described.

(Specification, 3s. 6d. ; drawing, 1s.)

No. 24232.—8th April, 1908.—JOHN ROBERT KENT, of Somerfield Street, Sydenham, Christchurch, New Zealand, Designer of Boot and Shoe Uppers. Improvements in shoes and slippers.*

Claims.—(1.) The improvement in the shaping of the uppers of shoes and the like consisting in cutting the material whereby a fastening strap or straps and abutments therefor are produced integrally with the material, substantially as specified and illustrated. (2.) The improvements in the uppers of shoes and the like consisting in forming fastening-straps and abutments integrally with the uppers, substantially as specified and illustrated in the drawing.

(Specification, 2s. ; drawing, 1s.)

No. 24281.—16th April, 1908.—MICHAEL HIGGINS, of Mercer, Auckland, New Zealand, Engineer. Improved apparatus for detecting and signalling escape of air in air-brakes.*

Extract from Specification.—The invention comprises a cylinder fitted with a piston and rod, which is operatively connected to a signal preferably consisting of a lamp or lamps provided with coloured discs. The cylinder is connected by a pipe near its front end to an air-reservoir, a non-return valve being fitted to the pipe, and the same end of the cylinder is connected by another pipe either to the first-mentioned pipe or directly to the air-reservoir. The piston-rod extends through the back end of the cylinder, and is connected to the signalling-apparatus, consisting preferably of cranks and rods, for operating the before-mentioned discs. The back end of the cylinder is connected to the train-pipe or air-pressure pipe running throughout the length of the train.

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

(Specification, 6s. 6d. ; drawing, 1s.)

No. 24286.—21st April, 1908.—NEHEMIAH GUTHRIDGE, of 263 George Street, Sydney, New South Wales, Australia, Merchant (assignee of William Legrand Card, of Denver, Colorado, United States of America, Mining Engineer). Improvements in sizing-classifiers.*

Claim.—In a sizing-classifier, the combination of a launder portion having a bottom of tapering cross-section, an expansion-chamber, an adjustable dividing-jetty arranged in the expansion-chamber, and a settling-chamber with which the expansion-chamber communicates through its slotted bottom.

(Specification, 4s. ; drawing, 1s.)

No. 24325.—30th April, 1908.—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, in the Commonwealth of Massachusetts, in said United States of America (assignees of Ronald Francis McFeely, of Beverly, in the County of Essex and said Commonwealth of Massachusetts, Inventor). Improvements in or relating to machines for use in the manufacture of boots and shoes.*

Claims.—(1.) In a machine of the class described, the combination with automatically actuated means for pulling over an upper, of means for working the upper into lasted position about the toe of the shoe. (2.) In a machine of the class described, the combination with automatically actuated means for pulling over an upper, of manually controlled means for wiping the upper into lasted position. (3.) In a machine of the class described, the combination with automatically actuated means for gripping and pulling an upper simultaneously at a plurality of points in one operation, of manually controlled means for wiping the pulled upper into lasted position. (4.) In a machine of the class described,

the combination with automatically actuated means for gripping and pulling an upper simultaneously at a plurality of points, of means for wiping the upper into lasted position. (5.) In a machine of the class described, the combination with automatically operated means for gripping an upper and pulling it on a last, of wipers, and means for actuating the wipers to work the pulled upper into lasted position.

[NOTE.—Here follow 153 other claims.]

(Specification, £3 10s. ; drawing, 11s.)

No. 24326.—30th April, 1908.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of the said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, in the Commonwealth of Massachusetts, in said United States of America (assignees of Ronald Francis McFeely, of Beverly, in the County of Essex and said Commonwealth of Massachusetts, Inventor). Improvements in or relating to machines for use in the manufacture of boots and shoes.*

Claims.—(1.) In a machine of the class described, the combination with means for pulling over a shoe, of automatically operated means for lasting the shoe. (2.) In a machine of the class described, the combination with means for pulling over a shoe, of automatically operated means for lasting the entire toe portion of the shoe in a single operation. (3.) In a machine of the class described, the combination with means for pulling over a shoe, of means actuated automatically for working the upper into lasted position at a plurality of points in the same operation of the machine. (4.) In a machine of the class described, the combination with means for pulling over a shoe, of automatically operated means for working the shoe-upper into lasted position, and means for securing the upper in lasted position. (5.) In a machine of the class described, the combination with means for pulling over a shoe, of automatically operated mechanism for lasting and securing the upper.

[NOTE.—Here follow fifty-five other claims.]

(Specification, £1 14s. ; drawing, 5s.)

No. 24328.—30th April, 1908.—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, in the Commonwealth of Massachusetts, in said United States of America (assignees of Arthur Bates, of Leicester, England, Engineer). Improvements in or relating to machines for use in the manufacture of boots and shoes.*

Claims.—(1.) In a machine of the class described, the combination with pincers and mechanism for actuating them to pull an upper, of additional means for regulating the rate at which the pincers are moved during such actuation. (2.) In a machine of the class described, the combination with pincers and mechanism for actuating them to pull an upper, of additional means arranged for adjustment to regulate the rate at which the pincers are moved during such actuation. (3.) In a machine of the class described, the combination with pincers and mechanism for yieldingly actuating the pincers to pull an upper, of means for retarding the pulling movement, for the purpose described.

[NOTE.—Here follow sixteen other claims.]

(Specification, 12s. 6d. ; drawing, 1s.)

No. 24329.—30th April, 1908.—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, in the Commonwealth of Massachusetts, in said United States of America (assignees of George Goddu, of Winchester, in the County of Middlesex and said Commonwealth of Massachusetts, Inventor). Improvements in or relating to machines for inserting fasteners or the like.*

Claims.—(1.) In a machine for inserting loose fasteners or the like, having an awl arranged to feed the work, the employment, in combination, of a fastener-receiving throat normally located within the path of the work-feeding move-

ment of the awl, and movable transversely of said path to place it out of the way of the awl during the work-feeding movement of the latter, and means to deliver a fastener to the fastener-receiving throat when in its normal position.

[NOTE.—Here follow thirteen other claims.]

(Specification, £1 4s. ; drawing, 5s.)

No. 24330.—30th April, 1908.—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, in the Commonwealth of Massachusetts, in said United States of America (assignees of James Cavanagh, jun., of Boston, in the County of Suffolk and said Commonwealth, Inventor). Improvements in or relating to the preparation of insoles and in particular machines for use therein.*

Claims.—(1.) A machine for operating upon soles, comprising means for cutting slits extending part way only through the sole at the points where the stitch-receiving rib begins and ends, with or without means to adjust the depth of cut. (2.) A machine for operating upon soles, comprising means for cutting the lips of the channels adjacent to the heel portion of the sole, with or without means to adjust the depth of cut.

[NOTE.—Here follow seventeen other claims.]

(Specification, 18s. 6d. ; drawing, 5s.)

No. 24894.—5th September, 1908.—JOHN HENRY TINK, of Mordialloc, Victoria, Australia, Farmer. An improved wire-strainer.*

Claims.—(1.) An improved device for joining the ends of wires and for straining same, comprising a frame having a winding-roller in combination with a slotted element rotatably mounted in a slotted end of said frame, and having means for temporarily securing one end of the wire thereto.

[NOTE.—Here follow six other claims.]

(Specification, 5s. ; drawing, 1s.)

No. 24944.—19th September, 1908.—ADOLPHE CHALAS, a citizen of the French Republic, residing at Philadelphia, Pennsylvania, United States of America. An improved process of recovering nickel from siliceous ores.

Claim.—(1.) The process of recovering nickel from nickel-iron ores, which consists in smelting the ore and producing ferro-nickel, casting the alloy into anodes, electrolytically dissolving the anodes, continuously precipitating the dissolved iron by circulating the electrolyte in contact with a body of precipitating-agent, and redepositing the dissolved nickel.

[NOTE.—Here follow five other claims.]

(Specification, 4s. 6d.)

No. 25123.—21st October, 1908.—FREDERICK TORRINGTON, of 41 Victoria Street, Auckland, New Zealand, Merchant. Plunger for regulating pressure of aerated waters made in bulk form.*

Claims.—(1.) In the plunger for regulating the pressure of aerated waters made in bulk form, the plunger having fitted thereto a sliding-sleeve compressed by a spring, such spring bearing against a perforated or meshed shoulder or shoulders, for the purpose and in the manner described and illustrated. (2.) The application, arrangement, and combination of the various parts specified, for the purpose and in the manner described and illustrated.

(Specification, 3s. 6d. ; drawing, 1s.)

No. 25273.—11th December, 1907.—KNUT IVAR LINDSTROM, of Nykvarn, Sweden, Engineer. Improvements in milking-machines.

[NOTE.—This is an application under the international and intercolonial arrangements, the date given being the official date of the application in Sweden.]

Claims.—(1.) Milking-machine by which the milking-organ operating on the teat is acted upon by means of air or water, characterized by the fact that the milking-organ is suspended

in a supporting-device 3 so as to move in a vertical direction, whereby an expanding part 9, 6, is applied between the organ and the supporting-device, the volume of said part being increased by means of the pressure-medium, after the communication between teat and udder, having been closed by the milking-organ for the purpose that the milking-organ may perform a pulling movement on the teat. (2.) Embodiment of the milking-organ as described in claim 1, characterized by the fact that the expanding part consists of a balloon of caoutchouc or suchlike. (3.) Embodiment of the milking-organ as described in claim 1, characterized by the fact that the expanding part consists of a piston moving in a cylinder.

(Specification, 3s. ; drawing, 1s.)

No. 25329.—9th December, 1908.—EMILY IBBOTSON, of Gore, New Zealand, Inventor. Improved washing-fluid.*

Claim.—The composition of matter to be used for cleaning and washing, consisting of caustic soda, muriate of ammonia, salts of tartar, and water, in the proportions specified, and mixed as described.

(Specification, 1s.)

No. 25421.—9th January, 1908.—FRANCIS THOMAS ARTHUR JACKSON, of Gordon Road, Chatswood, New South Wales, Australia, Commercial Traveller. An improved detachable shirt-collar.

[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.) Improvements in turn-over or folding collars, consisting of providing a pair of lugs near either end of the inner fold and integral therewith, for the purpose set forth and substantially as described, and as illustrated in the drawings. (2.) In an improved folding collar, a pair of integral lugs in the positions indicated, in combination with an ordinary collar of the type herein referred to, substantially as described, and as illustrated in the drawings.

(Specification, 2s. ; drawing, 1s.)

No. 25427.—16th January, 1908.—FRANCIS HENRY CRITTALL, of Manor Works, Braintree, Essex, England, Engineer. Improvements in the manufacture of expanded metal and in apparatus therefor.

[NOTE.—This is an application under the international and intercolonial arrangements, the date given being the official date of the application in England.]

Claims.—(1.) Expanded metal in which the strips between the slits are situated alternately on the two sides of the plane of the expanded sheet, the junctions between the strips being at an angle to that plane and the portions of each strip between adjacent junctions being twisted helically, substantially as described. (2.) Expanded metal, substantially as described, and shown in the drawings. (3.) The process of manufacturing expanded metal consisting in forming in a sheet parallel longitudinal rows of slits with the junctions between the ends of the slits of each row arranged between the slits of the adjacent rows, then turning the junctions bodily out of the plane of the sheet without materially deforming them, and subsequently expanding the sheet, substantially as described. (4.) The process of manufacturing expanded metal consisting in forming in a sheet parallel longitudinal rows of slits, the junctions between the ends of the slits of each row being between the slits of the adjacent rows, then turning the junctions out of the plane of the sheet, all the junctions in one transverse row being turned in the same direction, whilst all the junctions of the two adjacent rows are turned in the other direction, and finally expanding the sheet, substantially as described. (5.) The employment of rollers with saw-like teeth, substantially as described, for turning the junctions out of the plane of the sheet.

(Specification, 4s. ; drawing, 1s.)

No. 25438.—12th January, 1909.—THOMAS FIRTH, of No. 7 Martin Street, Wellington, New Zealand, Labourer. Improvements in combined horse-controller and wheel-lock.

Extract from Specification.—The working of the contrivances is as follows: Fig. A having been bolted to framework of the vehicle, the attachments 20 and 21 adjusted to

be tight when the traces are taut, the horse geared to have 6 in. of working travel between tight and slack. 18 is held up by 8 passing under 25, Fig. 6. To use pull-out 8, the springs 15 and 17 come into operation, pulling down 18 relieve 8, it passes above 25, force of horse is taken by the machine, the wheels are locked. The horse uses its force against itself.

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

(Specification, 3s. 6d.; drawing, 1s.)

No. 25443.—13th January, 1909.—WILHELMUS ADRIANUS VAN BERKEL, of 54 Boezemsingel, Rotterdam, Holland, Engineer. Improvements in meat-slicing machines.

Claims.—(1.) A meat-slicing machine having a table upon which the meat is secured and carried backwards and forwards in front of a rotating circular knife adapted to cut the meat into slices by means of its peripheral edge, the body of the knife not coming in contact with the meat, characterized by a table which slidably moves on guide rails or bars 8, 9, arranged above the base 1 of the machine, said table having pivoted thereto a feed-lever 24 or 24a adapted to be oscillated from the table-driving mechanism, the said feed-lever being connected to and operating the feed pawl and ratchet gear, the table being also provided with means for automatically lubricating said rails or bars as it moves back and forward thereon, substantially as described.

[NOTE.—Here follow four other claims.]

(Specification, 8s. 6d.; drawing, 3s.)

No. 25455.—16th January, 1909.—OLIVER-ROCHE COMPANY, a corporation organized under the laws of the State of New York, having its principal place of business at 1 Madison Avenue, New York, United States of America (assignees of John Roche, of 1 Madison Avenue, New York, aforesaid, Engineer, and Albert Oliver, of 1296 Pacific Street, Brooklyn, New York aforesaid, Builder). Improvements in water-filters.

Claims.—(1.) A water-purifier having a settling-tank for holding impounded water, and a filtering-tank arranged to float in such impounded water, and having a bottom consisting of a filtration-bed. (2.) Apparatus under claim 1 having air-chambers in the filtering-tank, and means for automatically introducing ballast into said chambers to compensate for the increased frictional resistance in the filtration-bed. (3.) Apparatus under claims 1 and 2 having a by-pass pipe leading from the inlet-pipe to said air-chambers, and a float controlling a valve in said by-pass pipe, and actuated by variations in the volume of discharge of water from the filtering-tank, and serving to open the valve in said by-pass pipe to conduct water into said chambers when the flow of purified water from said tank falls below normal.

(Specification, 2s. 9d.; drawing, 2s.)

No. 25456.—16th January, 1909.—OLIVER-ROCHE COMPANY, a corporation organized under the laws of the State of New York, having its principal place of business at 1 Madison Avenue, New York, United States of America (assignees of John Roche, of 1 Madison Avenue, New York, aforesaid, Engineer, and Albert Oliver, of 1296 Pacific Street, Brooklyn, New York aforesaid, Builder). Improvements in water-purifiers.

Claims.—(1.) The method of purifying water consisting in first impounding the water to permit the heavier matters to be precipitated by sedimentation, and then completing the purification by upward filtration under static pressure. (2.) In carrying out the process in claim 1, the method of automatically increasing the static pressure to overcome the increasing frictional resistance in the filtering-medium. (5.) Apparatus for carrying out the method of the foregoing claims, comprising a settling-tank, and a suspended filtering-tank therein having a filtration-bed in its bottom.

[NOTE.—Here follow six other claims.]

(Specification, 5s.; drawing, 5s.)

No. 25462.—16th January, 1909.—KILLINGWORTH WILLIAM HEDGES, of 10, Cranley Place, South Kensington, London, England, Civil Engineer. Improvements relating to gas-heating stoves.

Extract from Specification.—According to my invention I interpose a chamber or box between the stove-outlet and the heating-pipes and main flue, in the diagonal wall of which box a suitable valve is provided to cut out the heating-pipes or the like and connect the outlet direct to the flue, means being provided whereby the position of such valve is indicated, and in some cases arranged to govern the position or operation of the gas-regulating valve.

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

(Specification, 6s. 6d.; drawing, 2s.)

No. 25491.—27th January, 1909.—DAVID HONEYWOOD, of 120A Queen's Road, Battersea, Surrey, England, Engineer, and GARRATT PAYNE, of 6 Homefield Road, Chiswick, Middlesex, England, Engineer. Improvements in machinery for crushing or grinding ore, rock, cement, and the like.

Extract from Specification.—This invention consists in providing the compression-cylinder and stamp-cylinder with such an arrangement of ports, valves, and passages as to effect the holding of the stamp-head in suspension or raised during part of the period of compression in the compression-cylinder, and to then allow the cumulative pressure above the stamp-piston to give a strong and swift impulse to the stamp-piston, owing to a sudden release of the pressure below the stamp-piston. This action is principally brought about according to these improvements by providing the compression-cylinder with an inlet-port a little below the middle of its length, adapted to be uncovered and covered by the piston (the cylinder being also provided, if desired, with a relief-valve at or near one or both its ends, as common practice may show to be necessary or advantageous). The lower end of the stamp-cylinder is connected to the compression-cylinder by two ports or passages formed more or less in the form of a Y, one port or passage opening into the compression-cylinder at about the level of the inlet-port referred to, and the other port or passage opening into valved chamber in the lower end of the compression-cylinder. In connection with these primary improvements, certain accessory devices working on known principles may be provided, as, for instance, a valve for relieving the compression in any particular stamp of a battery for the purpose of putting such stamp out of action, also a gear for rotating or oscillating the stamps or the mortars. The piston of the stamp-chamber may be provided at its upper end with an annular valved chamber.

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

(Specification, 11s. 6d.; drawing, 2s.)

No. 25495.—27th January, 1909.—ALFRED GODING, of Pembroke Street, Surrey Hills, Victoria, Australia, Farmer. Improved steam-generator for motor-cars and other purposes.

Claims.—(1.) A steam-generator wherein the temperature is regulated or governed by the expansion and contraction of a vertical cylinder operating, through the medium of a downwardly depending rod and levers, a valve controlling the vaporised-fuel supply, the said cylinder receiving the water in the first instance and delivering such fluid in the form of moist steam or vapour to the generator-tubes, substantially as and for the purposes set forth. (2.) A steam-generator comprising an outer shell, a water-valve set in a distributing-box, an expanding cylinder, an outlet-pipe from the cylinder, a series of coils surrounding the cylinder, a burner beneath the coils, and means through which the vaporised-fuel supply is controlled by the operation of the expanding cylinder, substantially as described. (3.) In steam-generators, means for controlling the vaporised-fuel supply comprising an expanding cylinder which receives water and delivers steam, a needle-valve 60, a spring 61, an adjusting-screw 62, and levers and connections between the expanding cylinder and the needle-valve, substantially as and for the purposes set forth. (4.) In steam-generators, means for controlling the vaporised-fuel supply, comprising an expanding cylinder which receives water and delivers steam, a needle-valve 60, a spring 61, an adjusting-screw 62, a block 63 having a screw 64, a lever 57 with perforations 66 and pin 65, and levers and connections between the expanding cylinder and the needle-valve, substantially as and for the purposes set forth.

(5.) The general combination and arrangement of the several parts forming a complete steam-generator, substantially as described, and as illustrated in the drawings.

(Specification, 6s. 6d. ; drawing, 2s.)

No. 25509.—27th January, 1909.—RANSOME INTERNATIONAL CONDUIT COMPANY, a New York State corporation, located and doing business at No. 11 Broadway, Manhattan, New York, United States of America, Manufacturers (assignees of Ernest Leslie Ransome, of Westervelt and Fourth Avenue, Tompkinsville, New York aforesaid, Civil Engineer). Improvements in the construction of concrete work.

Claims.—(1.) The method of forming and dividing concrete courses composed of a main body and an outer finish, which consists in synchronously moulding and finishing both the main body and the outer finish progressively with the formation of the course, forming a broad kerf in the body of the course, filling the kerf with a finer-grade material and forming a narrow clear-cut kerf in the finer-grade material. (2.) The method of forming concrete courses composed of a main body and an outer finish, which consists in synchronously moulding and finishing both the main body and the outer finish progressively with the formation of the course. (3.) The method of dividing concrete courses during the formation thereof, consisting in forming a broad kerf in the course, filling the same with a finer-grade material, and forming a narrow clear-cut kerf in the finer-grade material. (4.) A mould for concrete work having a top-trowelling and compression-wall and side walls connected to move with the mould as a part thereof, the bottom of the mould being open, means on the mould for forming a relatively broad kerf adapted to be filled with a finer-grade material, and means on the mould to form a relatively narrow kerf in the said finer-grade material.

[NOTE.—Here follow eleven other claims.]

(Specification, 10s. ; drawing, 3s.)

No. 25510.—30th January, 1909.—JOHN FORSTER ROSS, of 560 King Street West, Toronto, Ontario, Canada, Manufacturer. Self-sealing cans.

Claims.—(1.) In a self-sealing can, a body portion 1 having an annular belt 7 bulging slightly inwardly, said belt having its inner surface burnished free from irregularities, and a cover 12 having the outer surface of its flange portion 14 burnished free from irregularities and adapted to contact with the smooth surface of said belt in the body portion.

[NOTE.—Here follow four other claims.]

(Specification, 7s. ; drawing, 2s.)

No. 25511.—2nd February, 1909.—INTERNATIONAL TYPEWRITER COMPANY, a corporation duly organized and existing under the laws of the State of Maine, and having its principal place of business at 134 Monroe Street, in the City of Chicago, County of Cook and State of Illinois, United States of America (assignees of Charles Sparrow Nickerson, President of the company above mentioned). Improvements in typewriting-machines.

Extract from Specification.—This invention relates to a novel typewriting-machine which embraces as its general features a platen or support against which the paper rests in the operation of printing, a horizontally arranged sector-shaped paper-holder to the curved margin of which the paper is secured, and which is adapted to oscillate on a vertical axis to move the paper past the printing-point of the platen for letter-spacing, and has vertical movement to shift the paper vertically for line-spacing, together with key-levers, and oscillating type-bars which are actuated by the key-levers, and carry types, through which the printing is effected.

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

(Specification, £5 ; drawing, 5s.)

No. 25512.—2nd February, 1909.—JOSEPH FRANCIS STUDHOLME, of Ruanui, Wellington, New Zealand. An improved rotary engine.

Extract from Specification.—According to the typical method of carrying out my invention I provide the engine with a ring-shaped chamber in which works a rotary piston. This

chamber is divided into two equal parts by means of slides which slide backwards and forwards, being closed by a spring or other suitable means and opened by means of a piston during its travel. Suitable inlet and exhaust ports are provided and means furnished for enabling the co-operation of the parts to be very accurately synchronized.

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

(Specification, 6s. ; drawing, 2s.)

No. 25520.—3rd April, 1908.—GODFREY BENINGTON JOHNSON, of 8 Victoria Street, Westminster, London, England, Engineer. An improved machine for shearing metal sheets.

[NOTE.—This is an application under the international and intercolonial arrangements, the date given being the official date of the application in Great Britain.]

Claims.—(1.) A machine for shearing metal sheets to rectangular form without the necessity of turning over or slewing round the work between successive stages of the shearing operation, comprising a double-edged main knife adapted to coact simultaneously with both members of a pair of bed-cutters forming the opposed lateral edges of a pair of tables disposed in one horizontal plane at opposite sides of said knife; two pairs of auxiliary knives each situated at one end of the main knife, the members of each pair being arranged on opposite sides of and at right angles to the main knife so as to be adapted to coact with bed-cutters forming the corresponding end edges of the respective tables; and stops adapted to serve as guides for the work on the tables, disposed in rows parallel to the main knife and at distances therefrom and from the auxiliary knives corresponding to various widths and lengths of sheet to be produced, substantially as set forth.

[NOTE.—Here follow three other claims.]

(Specification, 16s. 6d. ; drawing, 8s.)

No. 25521.—4th February, 1909.—JOHN GEORGE HENRICH, of Milton House, 5 Clifton Road, Camden Square, London, England, Merchant. Improvements in valved stoppers for siphon and like bottles.

Claims.—(1.) A valved stopper consisting mainly of a stopper-body made in two hollow parts adapted to be detachably secured together, a valve-body arranged axially movable in said stopper portion and formed with an annular groove, and an opening or openings leading to a passage extending to the top of the valve-body, and a resilient ring arranged partly gripped between said parts when these are secured together and partly fitting within the annular groove formed in the valve-body, substantially as and for the purpose described.

[NOTE.—Here follow four other claims.]

(Specification, 7s. 6d. ; drawing, 2s.)

No. 25523.—4th February, 1909.—EDWARD BRICE KILLEN, of 52 Queen Victoria Street, London, England, Engineer. Improvements in or relating to rubber tires and their attachment to wheels.

Claims.—(1.) In rubber treads and their attachments, constructing the rim with holes of dumb-bell formation, substantially as and for the purposes described, and illustrated on the sheets of drawings. (2.) In rubber treads and their attachments, constructing the rubber tire with studs of dumb-bell formation and having air-spaces on the underside thereof, substantially as and for the purposes described, and illustrated on the sheets of drawings. (3.) In rubber treads and their attachments, the combination of an endless preferably weldless truly circular binding-rim with suitable dumb-bell perforations, and a rubber tread having a single row of pneumatic projections of dumb-bell formation and which pass through the corresponding holes or perforations in the said binding-rim and all fitted to the wheel proper, the base of rubber tread being always under compression, making chambers airtight, and held in position by suitable bolts and tapped steel disc, all substantially as and for the purposes described, and illustrated on the sheets of drawings.

(Specification, 8s. ; drawing, 2s.)

No. 25524.—4th February, 1909.—WILLIAM PAINTER, of Ruapuna, South Canterbury, New Zealand, Contractor. An improved grass-stripping machine.

Claims.—(1.) In grass-stripping machines of the class described, receptacles for the seed consisting of removable drawers, mounted if desired on rollers or the like, substantially as specified. (2.) In grass-stripping machines of the class described, a frame divided into two portions with a space between them, and a supporting-wheel journaled within such space, substantially as and for the purposes specified. (3.) In grass-stripping machines of the class described, the combination with a frame divided into two portions, and with seed-receptacles one placed within each of such portions, of a double curved deflecting-plate arranged vertically above the concave of the machine and extending at its respective edges in front of the seed-receptacles, substantially as and for the purposes specified. (4.) In grass-stripping machines of the class described, the combination with the beater-drum and spindle of a standard or bearing arranged at about midway between the ends of such spindle and in which the spindle is journaled, substantially as and for the purposes specified. (5.) The improved grass-stripping machine constructed, arranged, and operating substantially as described, and as illustrated in the drawings.

(Specification, 3s. 6d.; drawing, 1s.)

No. 25525.—4th February, 1909.—MONOTYPE MACHINE (COLONIAL PATENTS) SYNDICATE, LIMITED, of 43 Fetter Lane, London E.C., England (assignees of John Sellers Bancroft and Mauritz C. Indahl, both Engineers, of Philadelphia, United States of America). Improvements in or relating to automatic justifying mechanism for pattern-controlled composing-machines.

Extract from Specification.—The invention consists, broadly—first, in providing the pattern, record-strip, or controller of an automatic composing-machine with line-measuring and space-number signals; second, in providing the final or automatic composing-machine with a shortage distributing or apportioning system or mechanism controlled by the space-number and line-deficiency signals of the pattern, and operating to automatically adjust the space-dimensioning devices so as to produce spaces of proper dimensions to justify or fill out the line; and, third, in the several minor combinations, arrangements, and constructions of parts to operate as fully described.

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

(Specification, £1 16s.; drawing, 4s.)

No. 25531.—6th February, 1909.—ALEXANDER REEVES, of Kingston, Tasmania, Australia, Speculator. An improved chimney-top.

Claims.—(1.) A rectangular shaft having a top-piece or cap and hooded openings in its sides so arranged that the openings in one pair of opposite sides will alternate with the openings in the other pair of sides, substantially as described and for the purposes set forth. (2.) A rectangular shaft, a top-piece or cap which may or may not have means for admitting or discharging air, and hooded openings in the sides of the shaft arranged, combined, and operating in the manner and for the purposes set forth.

(Specification, 2s.; drawing, 1s.)

No. 25532.—6th February, 1909.—JAMES ERNEST TATHAM, of "Winifred Villa," Duke Street, Balmain, near Sydney, New South Wales, Australia, A.M.I.M.E., Gas Engineer. Improved contrivance for holding needles to reels of sewing-thread.

Extract from Specification.—This improved contrivance for holding needles to reels of sewing-thread consists of a magnetically charged disc or film of metal removably affixed to the end of the reel or spool of thread so that its capability of magnetically holding a needle will keep said needle attached to the reel or spool.

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

(Specification, 2s.; drawing, 1s.)

No. 25536.—8th February, 1909.—LAURITZ NELSON DYHRBERG, of Ashburton, Canterbury, New Zealand, Brick-maker. Improvements in the construction of fronts for fireplaces.

Claim.—A fireplace front or surround moulded with grooves adapted to receive tuck-pointing material, substantially as described.

[NOTE.—Here follow five other claims.]

(Specification, 3s.; drawing, 2s.)

No. 25540.—8th February, 1909.—HENRY PERCY EVANS, of Auckland, New Zealand, Engineer. An improved process for preserving fish.

Extract from Specification.—The process designed consists in first deodorising the fish and then in gradually removing the latent heat while submitting the fish to the action of suitable sterilisers.

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

(Specification, 2s.)

No. 25550.—9th February, 1909.—ROBERT ADAMS, of Emerald Street, Theobalds Road, London, England, Engineer. Improvements in self-cleansing filters for domestic water-supply.

Claims.—(1.) A filter of the type set forth in which a rotary distributor or distributors is or are mounted within the filter in the main water-service channel so as to be rotated by the flow of water and thereby distribute the water evenly over the whole surface or surfaces of the filtering-medium in order to thoroughly cleanse the same.

[NOTE.—Here follow three other claims.]

(Specification, 6s. 6d.; drawing, 3s.)

No. 25579.—16th February, 1909.—CHARLES MARTIN BEATTE, of 59 Stone Street, Rochester, New York, United States of America, Auditor. Improvements in or relating to telephone-apparatus.

Extract from Specification.—The present invention relates to telephony, and it has for its object to provide an arrangement of apparatus for automatically recording the length of time a subscriber's telephone-instrument circuit is busy or in use, either in receiving or despatching messages, or the aggregate time consumed in despatching or receiving all messages occurring during a given period; said apparatus comprising generally a meter or recording-device which is actuated when a telephone-circuit is closed to show the number of calls, and a separate meter for recording the length of time said line is in use. The invention has for its further object to provide a meter or recording-device associated with a subscriber's telephone-instrument circuit which is operated in conjunction with apparatus located at the central office or exchange, which is designed to actuate the meter at regular intervals of time while the instrument-circuit is connected for talking purposes with another circuit. To these and other ends the invention consists in certain improvements and combinations of parts all as will be more fully described, the novel features being pointed out in the claims at the end of the specification.

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

(Specification, 14s. 6d.; drawing, 1s.)

No. 25582.—22nd February, 1909.—WILLIAM TURNBULL, of 215 Lambton Quay, Wellington, New Zealand, Architect. Improvements in flushers for water-closets and the like.

Claims.—(1.) In a flusher of the class described, in combination, a chamber to which water is admitted, a valve-seat within the chamber, a valve having a recess and an integral valve-seat, a triangular spindle passing through the valve and having lugs entering the recess, a second valve secured to the spindle

and adapted to close upon the seat integral with the first valve, a piston integral with the first valve and fitting the chamber, a screw in the end of the piston and having a saw-cut, and means for operating the spindle, substantially as set forth.

[NOTE.—Here follow six other claims.]

(Specification, 7s. ; drawing, 1s.)

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 and drawing 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, 10th March, 1909.

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

- No. 24917.—G. H. Jenkinson and H. A. Ward, milk or cream cooler.
No. 25466.—S. H. Donkin, mattress.
No. 25519.—H. G. Freeman and G. R. Warren, bowl-tester.
No. 25529.—C. Craig, indicating position of and recovering valuables from sunken ships.
No. 25530.—L. G. Grace, power device.
No. 25541.—J. Geary, rail-joint.
No. 25542.—F. M. Norris, non-refillable bottle.
No. 25555.—L. G. Grace, pendulum power- and vacuum-creating device.
No. 25562.—L. Joseph, bedstead.
No. 25565.—H. Allan, venetian blind.
No. 25566.—A. Findlay, drawing off beer, &c. (W. P. Rodda.)
No. 25568.—D. Donald, sewing wool-packs.
No. 25574.—W. Lewis, door or window fastener. (J. Lewis.)
No. 25578.—W. Duggan, door or gate closer.
No. 25583.—F. Newth and C. Hawkins, horse-pan for vehicles.
No. 25584.—C. R. Macdonald, marine-engine governor.
No. 25585.—C. R. Macdonald, thrust-bearing.
No. 25586.—A. Ross, hot-water circulating-boiler.
No. 25587.—W. Richardson, bolt.
No. 25593.—T. McEwen, flax-preparation.
No. 25596.—J. S. Douglas, controlling electric trolley-poles.
No. 25599.—M. Christopherson, auger.
No. 25600.—C. A. Curnow, weighing liquids in predetermined quantities.
No. 25601.—J. H. Jenkins and A. H. Baker, advertising-machine.
No. 25603.—H. Haugh, filter-press.
No. 25604.—S. H. Donkin, safe or cover and rest for hot plate.
No. 25614.—J. J. Neugeschwender, cooking-range.
No. 25617.—M. T. Braik, fireless cooker.
No. 25619.—A. Edmond, cleaning-instrument.
No. 25629.—United Shoe Machinery Company, sole-rounding machine. (B. F. Mayo and I. C. Buckminster.)
No. 25632.—N. C. Christie and W. Henderson, railway air-brake.
No. 25634.—E. W. Greenwood, horse- and cattle-rug fastening.
No. 25635.—E. W. Greenwood, roller-blind fittings.
No. 25642.—United Shoe Machinery Company, lacing shoe-uppers. (W. A. Smith.)
No. 25643.—United Shoe Machinery Company, shoe-machinery feeding-mechanism. (A. E. Jerram.)

[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 23rd February to the 10th March, 1909, inclusive:—

- No. 23680.—R. Dunne, mitre-cutter.
No. 23703.—G. W. Holmes, hospital.
No. 23714.—United Shoe Machinery Company, abrading-device. (J. R. Scott.)
No. 23715.—United Shoe Machinery Company, burnishing-machine. (W. Jackson and H. N. Pochin.)
No. 23716.—United Shoe Machinery Company, jack for shoe-machine. (J. P. Pride)
No. 23720.—H. B. Chapman, basket carrier or strap.
No. 23758.—W. T. Smith, extracting metals from ores.
No. 24196.—M. Moore and T. J. Heskett, reducing iron-ore.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 19145.—T. T. Rawhiti, wagon-pole. 24th February, 1909.
No. 19149.—G. Hutchinson, milking-machine. 1st March, 1909.
No. 19150.—W. Burrell and W. McMeekin, rabbit, &c., crate. 27th February, 1909.
No. 19153.—A. Gillies, pneumatic teat-cup. 23rd February, 1909.
No. 19164.—H. M. Douglas, loose-leaf account-book. 1st March, 1909.
No. 19181.—R. C. Bishop, gas-range boiler. 2nd March, 1909.
No. 19306.—D. B. M. Ecker and S. Gironcoli, meat-preparing process. 4th March, 1909.
No. 19392.—S. E. Tooby, preparation for treating bruises, &c. (B. Tooby.) 3rd March, 1909.

THIRD-TERM FEES.

- No. 14605.—The Milburn Lime and Cement Company, Limited, Portland-cement manufacture. (F. Oaken.) 6th March, 1909.
No. 14811.—L. B. Baron, cigarette-manufacturing apparatus. 3rd March, 1909.

Subsequent Proprietor of Letters Patent registered.

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

ARTHUR THOMAS BATE, of Nathan's Buildings, Wellington, in the Dominion of New Zealand, Stock and Share Broker, registered as proprietor of the following patents:—

- No. 15318.—Utilisation of carbonaceous liquids as fuel. (F. Cotton.)
No. 16619.—Gas-furnace. (F. Cotton.)
No. 19268.—Liquid-fuel burner. (F. Cotton.)
No. 20060.—Garbage-furnace. (F. Cotton.)
No. 20258.—Liquid-fuel burner. (F. Cotton.) 25th February, 1909.

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 22nd February to the 8th March, 1909, inclusive:—

- No. 24159.—A. H. Wright, furniture-advertising device.
No. 24303.—J. A. Boyd, collapsible box.
No. 24304.—J. W. Mitchell, bowling-green levelling apparatus.
No. 24305.—C. Leech, egg-beater.
No. 24309.—A. H. Wright, water-heater.
No. 24313.—H. G. Turner and J. P. Fix, rat-trap.
No. 24315.—A. Gillies, teat-cup mouthpiece.
No. 24320.—J. H. Hutchinson, platform-transferer.
No. 24324.—J. J. Nolan, grain-drill driving-gear.
No. 24333.—G. W. Inglis, flax-machine.
No. 24340.—R. H. Wilson, nipple for blow-lamps.
No. 24341.—C. J. Tuck, hauling-block hook.
No. 24342.—G. Henning, motor-car hood.
No. 24343.—C. H. Hopping, teat-cup support.

- No. 24348.—A. H. Wright, advertising programme, &c., fan.
 No. 24356.—J. J. Packer, milking-machine.
 No. 24360.—E. J. Cuttriss and T. S. King, pneumatic wheel.
 No. 24362.—B. F. H. Dawson, acetylene-generator.
 No. 24365.—H. Jane, water-heater.
 No. 24366.—H. V. Johansen, piston.
 No. 24367.—C. Ballingall, hydrocarbon-gas production.
 No. 24372.—The Evening Star Company, Limited, box. (C. S. Smith.)
 No. 24373.—A. Ramsay, tire-inflator.
 No. 24381.—J. and M. May, bath.

Application for Letters Patent withdrawn.

THE following application for Letters Patent has been withdrawn:—

- No. 25232.—A. Deperdussin, optical toy (advertised in Supplement to *New Zealand Gazette*, No. 4, of the 14th January, 1909).

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 23rd February to the 8th March, 1909, inclusive:—

- No. 23756.—M. A. Stitt, teaching child to walk.
 No. 23773.—T. Firth, washing-machine.
 No. 23778.—E. J. Graveson, disinfecting and washing fluid.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 23rd February to the 8th March, 1909, inclusive:—

- No. 23354.—A. Lawton, corrugated-iron or metal mat and frame.
 No. 23357.—J. G. Dawson, wire-bending machine.
 No. 23369.—J. D. McLaurin, meat-brand.
 No. 23404.—P. S. Whitcombe, wire connecting device.
 No. 23405.—A. Fischer, sterilising surgical dressings.
 No. 23408.—A. H. Korth, paving material.
 No. 23410.—C. E. Hope-Johnstone, milk-treatment. (Nutritia Centrale fur Backhausmilch, G.m.b.h. — A. Bachaus.)
 No. 23440.—H. Quartier, motor bicycle and cleaner.
 No. 23443.—J. and R. Lindsay, trolley-pole.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 23rd February to the 8th March, 1909, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 18783.—W. J. Johnston, panoramic camera.
 No. 18785.—J. J. Ward, wire-strainer.
 No. 18790.—J. Simmonds, wire-strainer.
 No. 18795.—The Wellington Fresh Food and Ice Company, Limited, egg-carrier. (G. Finn and A. S. Pike.)
 No. 18796.—J. Minchin, bin.
 No. 18797.—The British Imperial Oil Company, Limited, lamp-burner attachment. (E. E. Wagstaff.)
 No. 18798.—The British Imperial Oil Company, Limited, lamp-burner attachment. (E. E. Wagstaff.)
 No. 18799.—The British Imperial Oil Company, Limited, lamp-burner attachment. (E. E. Wagstaff.)
 No. 18800.—J. W. and G. W. Ferguson, brick-making machine.
 No. 18803.—H. C. Woltereck, production of hydrocyanic acid.
 No. 18808.—E. J. Hall, sewing-machine needle.
 No. 18813.—Champion Seal Company, packing-cases, &c. (H. A. Penrose.)
 No. 18814.—W. J. Templeton, nail for corrugated iron, &c.
 No. 18815.—L. F. Kwiatkowski, artificial-stone manufacture.
 No. 18816.—Champion Seal Company, bottle-seal. (E. D. Schmitt.)

- No. 18817.—E. L. Evens, game.
 No. 18820.—G. Barnes, curtain-suspender.
 No. 18822.—T. A. and J. Flynn, boot, &c., fastener.
 No. 18826.—T. Danks, supplying oil to machinery.
 No. 18827.—C. H. Shaw, rock-drill.
 No. 18829.—J. C. Legg, attaching handles of baker's peels.
 No. 18831.—T. A. and J. Flynn, safety pocket.
 No. 18838.—H. P. Wynne and J. H. Grant, antimony-treating furnace.
 No. 18839.—T. C. Jenkins and W. T. Mack, milking-appliance. (W. Stewart and W. R. Jardine.)
 No. 18843.—A. Dahl, rotary tine harrow.
 No. 18844.—W. Norris, wire-strainer.
 No. 19122.—T. H. Wootton, electric belt and generator.
 No. 20358.—G. W. Mellor, forming compound deals. (G. S. Mayhew.)
 No. 20361.—J. R. Hatmaker, drying fruits and vegetables.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 14278.—The British Westinghouse Electric and Manufacturing Company, Limited, electric-current distribution. (J. P. Campbell—B. G. Lamme.)
 No. 14279.—The British Westinghouse Electric and Manufacturing Company, Limited, windings for electrical machines. (J. P. Campbell—B. G. Lamme.)
 No. 14283.—The British Westinghouse and Electric Manufacturing Company, Limited, windings for electrical machines. (W. E. Hughes—B. G. Lamme.)
 No. 14290.—Andrews and Beaven, Limited, chaff-cutter attachment. (W. Andrews and A. W. Beaven.)
 No. 14300.—E. Knudsen, pyrites-treatment.
 No. 14306.—J. H. Jackson, earth-scoop.
 No. 14311.—J. F. Martin, cock or tap.

THROUGH EXPIRY OF TERM.

- No. 7466.—F. D. Kummer, mechanical drier.

Design registered.

DESIGN has been registered in the following name on the date mentioned:—

- No. 465.—Pilkington Bros., Limited, of Glass Works, St. Helen's, in the County of Lancaster, England, Glass-manufacturers. Class 4. 23rd February, 1909.

Applications for Trade Marks filed.

LIST of applications for registration of Trade Marks filed from the 18th February to the 6th March, 1909, inclusive:—

- No. 7845.—18th February.—Cathie and Sons, Wellington, N.Z. Class 38.
 No. 7846.—23rd February.—The Standardised Disinfectants Company, Limited, London, Eng. Class 2.
 No. 7847.—23rd February.—J. E. Garratt, London, Eng. Class 11.
 No. 7848.—23rd February.—Brown Bros., Limited, London, Eng. Class 13.
 No. 7849.—23rd February.—The Forestall Land, Timber, and Railways Company, Limited, London, Eng. Class 4.
 No. 7850.—23rd February.—Gollin and Co. Proprietary, Limited, Wellington, N.Z. Class 42.
 No. 7851.—24th February.—Mason, Struthers, and Co., Limited, Christchurch, N.Z. Class 27.
 No. 7852.—24th February.—G. F. Simpson, Southbridge, N.Z. Class 42.
 No. 7853.—24th February.—J. J. Niven and Co., Limited, Napier, N.Z. Class 6.
 No. 7854.—25th February.—G. H. Baker (trading as "G. H. Baker and Co."), Auckland, N.Z. Class 39.
 No. 7855.—26th February.—A. Tyree and Co., Limited, Christchurch, N.Z. Class 38.
 No. 7856.—26th February.—F. College, Auckland, N.Z. Class 38.
 No. 7857.—26th February.—T. N. Blomfield, Hastings, N.Z. Class 48.
 No. 7858.—2nd March.—G. S. Marley, Wellington, N.Z. Class 3.
 No. 7859.—3rd March.—Champion and Slee, Limited, London, Eng. Class 15.
 No. 7860.—3rd March.—Seebohm and Dieckstahl, Limited, Sheffield, Eng. Class 5.
 No. 7861.—3rd March.—Seebohm and Dieckstahl, Limited, Sheffield, Eng. Class 12.
 No. 7862.—3rd March.—Seebohm and Dieckstahl, Limited, Sheffield, Eng. Class 13.
 No. 7863.—4th March.—J. I. Tiefenbeck, Sydney, N.S.W. Class 2.

No. 7864.—4th March.—Craig and Aitken, Sydney, N.S.W. Class 12.

No. 7865.—4th March.—R. S. Cooke, Christchurch, N.Z. Class 3.

No. 7866.—5th March.—J. A. Fox (Madame de Pedier), Wellington, N.Z. Class 48.

No. 7867.—6th March.—G. B. Chignell, Auckland, N.Z. Class 50.

No. 7868.—6th March.—A. Tyree and Co., Limited, Christchurch, N.Z. Class 37.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 10th March, 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 : 7628.

Date : 21st October, 1908.

TRADE MARK



The essential particular of this trade mark is the distinctive mark or brand; and any right to the exclusive use of the word "Matches" is disclaimed.

NAME.

BRYANT AND MAY, LIMITED, of Fairfield Works, Bow, London, England, Match-manufacturers.

No. of class : 47.

Description of goods : Matches, vestas, night-lights, lucifers, tapers, and fusees, included in Class 47.

No. of application : 7819.

Date : 3rd February, 1909.

TRADE MARK.

The words

"YELLOW ASTER."

NAME.

JOSEPH NATHAN AND Co., LIMITED, of Wellington, in the Dominion of New Zealand.

No. of class : 45.

Description of goods : Cigarettes, tobaccos, and the like.

No. of application : 7827.

Date : 8th February, 1909.

TRADE MARK.



NAME.

ALLAN LEWIS LEE, of Post-office Box No. 719, Christchurch, in the Dominion of New Zealand, Chemist.

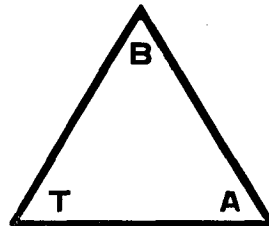
No. of class : 48.

Description of goods : Eggolia, a perfumed powder for shampooing the hair, also affording nutriment as to growth and for the cure of dandruff.

No. of application : 7836.

Date : 11th February, 1909.

TRADE MARK



NAME.

THEODORE GONZALES LUXFORD, of Hamilton, in the Dominion of New Zealand, Tea-importer.

No. of class : 42.

Description of goods : Tea.

No. of application : 7839.

Date : 17th February, 1909.

TRADE MARK.



T. HINE & CO

COGNAC

The essential particular of the trade mark is as follows—the device; and applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their name.

NAME

THOMAS HINE AND Co., of Jarnac, in France, Brandy-merchants.

No. of class : 43.

Description of goods : Brandy.

No. of application : 7843.

Date : 17th February, 1909.

TRADE MARK.

(The mark as shown in preceding notice, No. 7842.)

NAME.

J. BARTRAM AND SON, of Nos. 19, 21, and 23 King Street, Melbourne, in the State of Victoria, Commonwealth of Australia, Manufacturers and Importers of Dairy Apparatus and Supplies, &c.

No. of class : 40.

Description of goods : Goods manufactured from india-rubber and guttapercha, not included in other classes.

TRADE MARK.

The word

“IMPERIAL.”

NAME.

JOHN DEWAR AND SONS, LIMITED, of Perth, Scotland; London, England; and 255 George Street, Sydney, in the State of New South Wales, Commonwealth of Australia; Distillers.

No. of class : 43.

Description of goods : Whisky.

No. of application : 7845.

Date : 18th February, 1909.

TRADE MARK.

*The Reddy
Semi-Reddy
Suit.*

No. of application : 7841.

Date : 17th February, 1909.

TRADE MARK.

The word

“CELROX.”

NAME.

CELROX LIMITED, of 145 Farringdon Road, in the County of London, England, Manufacturers.

No. of class : 3.

Description of goods : Medicated articles, including beverages.

The essential particular of this trade mark is the word “Semi-Reddy” printed in the distinctive manner shown; and any right to the exclusive use of the added matter is disclaimed.

NAME.

CATHIE AND SONS, of Victoria Street, Wellington, in the Dominion of New Zealand.

No. of class : 38.

Description of goods : Ready-made clothing.

No. of application : 7842.

Date : 17th February, 1909.

TRADE MARK.



NAME.

J. BARTRAM AND SON, of Nos. 19, 21, and 23 King Street, Melbourne, in the State of Victoria, Commonwealth of Australia, Manufacturers and Importers of Dairy Apparatus and Supplies, &c.

No. of class : 7.

Description of goods : Milking-machines and parts of such machines.

No. of application : 7846.

Date : 23rd February, 1909.

TRADE MARK.

The word

“ZONDO.”

NAME.

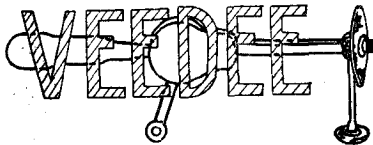
THE STANDARDISED DISINFECTANTS COMPANY, LIMITED, of 22 Billiter Street, London E.C., England, Manufacturers.

No. of class : 2.

Description of goods : Disinfectants either in solid or liquid form, sheep-dips, disinfecting soaps, and all other goods in the class.

No. of application: 7847.
Date: 23rd February, 1909.

TRADE MARK.



NAME.

JOHN EDWIN GARRATT, of 96 Southwark Street, London S.E., England, Surgical-instrument Manufacturer and Merchant.

No. of class: 11.

Description of goods: Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals.

No. of application: 7848.
Date: 23rd February, 1909.

TRADE MARK.

The word

“AUTOCLIPSE.”

NAME.

BROWN BROS., LIMITED, of 22-30 Great Eastern Street, in the City of London, England, Merchants and Manufacturers.

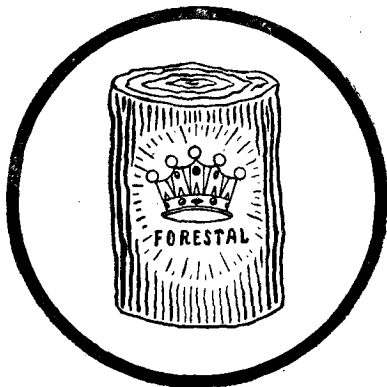
No. of class: 13.

Description of goods: All goods included in this class.

[NOTE.—Class 13 is for “Metal goods not included in other classes—such as anvils, keys, basins (metal), needles, hoes, shovels, corkscrews.”]

No. of application: 7849.
Date: 23rd February, 1909.

TRADE MARK



NAME.

THE FORESTAL LAND, TIMBER, AND RAILWAYS COMPANY, LIMITED, of 20 Bishopsgate Street Within, London, England, Merchants.

No. of class: 4.

Description of goods: Raw or partly prepared vegetable, animal, and mineral substances used in manufactures, not included in other classes.

No. of application: 7850.
Date: 23rd February, 1909.

TRADE MARK.

The words

“REGAL” BRAND.

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

NAME.

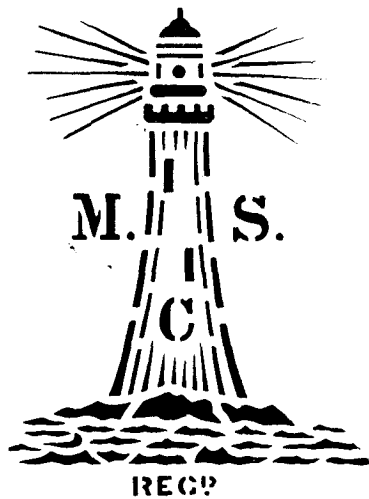
GOLLIN AND Co. PROPRIETARY, LIMITED, of Wellington, in the Dominion of New Zealand, Merchants.

No. of class: 42.

Description of goods: Sultanas, and all substances used as food or as ingredients in food under this class, with the exception of coffee, canned fish, and jelly-crystals, and goods of the same description as coffee, canned fish, and jelly-crystals.

No. of application: 7851.
Date: 24th February, 1909.

TRADE MARK.



The essential particulars of this trade mark are the device of a lighthouse with the letters “M.” “S.” on either side and the letter “C” at the base; and any right to the exclusive use of the word “Regd.” is disclaimed.

NAME.

MASON, STRUTHERS, AND Co., LIMITED, of Lichfield Street, Christchurch, in the Dominion of New Zealand, Wholesale Saddlers.

No. of class: 27.

Description of goods: Canvases.

No. of application: 7852.
Date: 24th February, 1909.

TRADE MARK



NAME.

GEORGE FRANCIS SIMPSON, of Southbridge, in the Dominion of New Zealand, Flourmiller.

No. of class: 42.

Description of goods: Substances used as food, and more particularly flour and bread.

No. of application: 7853.
Date: 24th February, 1909.

TRADE MARK.

The word

“NATIONAL.”

NAME.

JAS. J. NIVEN AND Co., LIMITED, of Napier, in the Dominion of New Zealand, Engineers.

No. of class: 6.

Description of goods: Gas, oil, and petrol engines.

No. of application: 7854.
Date: 25th February, 1909.

TRADE MARK.

RED JACKET.



NAME.

GEORGE HERBERT BAKER, trading as “G. H. Baker and Co.,” of Auckland, in the Dominion of New Zealand, Merchants.

No. of class: 39.

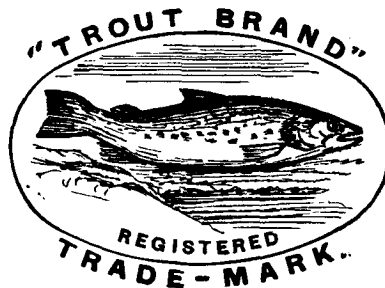
Description of goods: All goods included in this class.

[NOTE.—Class 39 is for paper (except paperhangings), stationery, and bookbinding, such as envelopes, sealing-wax, pens (except gold pens), ink, playing-cards, blotting-cases, copying-presses.]

No. of application: 7855.

Date: 26th February, 1909.

TRADE MARK



The essential particular of this trade mark is the design of a trout; and any right to the exclusive use of the additional words is disclaimed.

NAME

ALFRED TYREE AND Co., LIMITED, of Lichfield Street, Christchurch, in the Dominion of New Zealand.

No. of class: 38.

Description of goods: Shooting waders, stockings, &c.

No. of application: 7857.
Date: 26th February, 1909.

TRADE MARK.

The word

“ANTIBALDO.”

NAME.

THOMAS NEVILL BLOMFIELD, of Hastings, in the Dominion of New Zealand, Chemist.

No. of class: 48.

Description of goods: Hair-restorer.

No. of application : 7859.
Date : 3rd March, 1909.

TRADE MARK.



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

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

NAME.

CHAMPION AND SLEE, LIMITED, of London, England, Manufacturers.

No. of class : 15.

Description of goods : Glass bottles.

No. of application : 7864.
Date : 4th March, 1909.

TRADE MARK.

The word

"PLUM."

NAME.

CRAIG AND AITKEN, of 654 George Street, Sydney, in the State of New South Wales, Commonwealth of Australia, Tobacco-merchants and Hairdressers' Sundrymen.

No. of class : 12.

Description of goods : Cutlery and edge-tools.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 23rd February to the 9th March, 1909, inclusive:—

- No. 6026/7291.—Aktiebolaget Rotator. Class 7. (*Gazette* No. 85, of the 29th October, 1908.)
- No. 6027/7292.—Aktiebolaget Rotator. Class 7. (*Gazette* No. 85, of the 29th October, 1908.)
- No. 6028/7615.—Alby United Carbide Factories, Limited. Class 1. (*Gazette* No. 100, of the 10th December, 1908.)
- No. 6029/7724.—Gollin and Co. Proprietary, Limited. Class 38. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6030/7722.—G. Moore. Class 4. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6031/7090.—C. G. and D. E. A. Jones and J. G. Stevens. Class 50. (*Gazette* No. 7, of the 23rd January, 1908.)
- No. 6032/7201.—Agricultural and Pastoral Food Company, Limited. Class 42. (*Gazette* No. 17, of the 5th March, 1908.)
- No. 6033/7395.—Agricultural and Pastoral Food Company, Limited. Class 42. (*Gazette* No. 54, of the 9th July, 1908.)
- No. 6034/7461.—Allcock Manufacturing Company. Class 3. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6035/7462.—Allcock Manufacturing Company. Class 3. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6036/7463.—Allcock Manufacturing Company. Class 3. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6037/7682.—G. and S. I. Ward. Class 6. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6038/7717.—Mitteldeutsche Gummiwarenfabrik Louis Peter A. G. Class 40. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6039/7725.—E. C. Mouldley and Sons. Class 43. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6040/7726.—W. Park and Co. Class 13. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6041/7727.—F. T. E. Souter. Class 3. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6042/7733.—Stewart Dawson and Co. (N.Z.), Limited. Class 14. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6043/7640.—P. Hayman and Co. Class 50. (*Gazette* No. 85, of the 29th October, 1908.)
- No. 6044/7673.—P. Hayman and Co. Class 10. (*Gazette* No. 94, of the 26th November, 1908.)
- No. 6045/7674.—P. Hayman and Co. Class 12. (*Gazette* No. 94, of the 26th November, 1908.)
- No. 6046/7675.—P. Hayman and Co. Class 48. (*Gazette* No. 94, of the 26th November, 1908.)
- No. 6047/7737.—W. Peel. Class 2. (*Gazette* No. 105, of the 23rd December, 1908.)
- No. 6048/7738.—W. Peel. Class 47. (*Gazette* No. 105, of the 23rd December, 1908.)

Subsequent Proprietor of Trade Mark registered.

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

NO. 87/287.—C. J. Hewlett and Son, Limited, a company incorporated under the Companies Acts, 1862 to 1900, having its registered office at Nos. 35 to 42 Charlotte Street, Great Eastern Street, in the Borough of Shoreditch, County of London, England. (C. J. Hewlett and Son.) 3rd March, 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. 1892/1083.—20th February, 1909.—Smith and Smith, Dunedin, New Zealand. Class 1. 22nd February, 1909.
- No. 1421/1114.—18th April, 1909.—Loasby's Wahoo Manufacturing Company, Limited, Dunedin, New Zealand. (A. M. Loasby.) Class 3. 25th February, 1909.

No. 1426/1126.—8th May, 1909.—F. Levic, Sydney, Australia. (Philips and Pike.) Class 45. 25th February, 1909.
 No. 1521/1235.—4th October, 1909.—C. A. MacDonald, Sydney, Australia. Class 6. 4th March, 1909.

Applications for Trade Marks abandoned or refused.

LIST of applications for registration of Trade Marks abandoned or refused from the 11th February to the 11th March, 1909, inclusive:—

No. 7089.—4th January, 1908.—F. Whitlock and Sons, of Wanganui, New Zealand. Class 44.

No. 7138.—21st January, 1908.—The Lynda Soapmaking and Trading Company, Limited, of Gisborne, New Zealand. Class 47.

No. 7140.—21st January, 1908.—The Lynda Soapmaking and Trading Company, Limited, of Gisborne, New Zealand. Class 47.

No. 7141.—21st January, 1908.—The Lynda Soapmaking and Trading Company, Limited, of Gisborne, New Zealand. Class 3.

No. 7594.—2nd October, 1908.—John Webster (trading as "Lamont and Co."), of Glasgow, Scotland. Class 43.

Trade Marks removed from the Register.

TRADe Marks removed from the Register owing to the non-payment of the renewal fee, from the 23rd February to the 11th March, 1909, inclusive:—

No. 1314/1012.—17th November, 1894.—A. O. Knight and J. T. Johns, of Auckland, New Zealand. Class 42.

No. 1318/1143.—23rd November, 1894.—T. Johnstone, of Dunedin, New Zealand. Class 3.

No. 1323/1014.—24th November, 1894.—F. J. Sullivan, of Dunedin, New Zealand. Class 42.

No. 1329/1040.—7th December, 1894.—Hallenstein Bros. and Co., of Dunedin, New Zealand. Class 6.

No. 1330/1035.—7th December, 1894.—J. C. Davies, of Auckland, New Zealand. Class 50.

No. 1332/1057.—6th December, 1894.—G. Aguet, J. Monnerat, E. L. Roussey, and A. Mayor (trading as "H. Nestle"), of London, England, &c. (Norwegian Milk Condensing Company, Limited.) Class 42.

No. 1334/1037.—6th December, 1894.—Burgon and Ball, of Sheffield, England. Class 6.

No. 1335/1032.—6th December, 1894.—Procter and Gamble Company, of Cincinnati, U.S.A. Class 48.

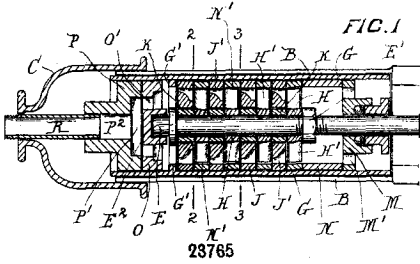
Nos. 1336/1033 and 1337/1034.—H. S. Chipman, of Sydney, N.S.W. Classes 43 and 44.

No. 1341/1036.—3rd December, 1894.—J. H. Monteith, W. P. Hartstone, and H. Burnett (trading as "Hartstone and Co."), of Woodville, New Zealand. Class 42.

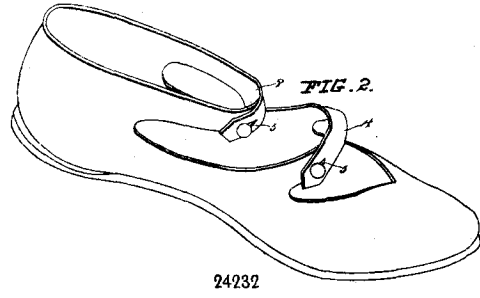
Authority: JOHN MACKAY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

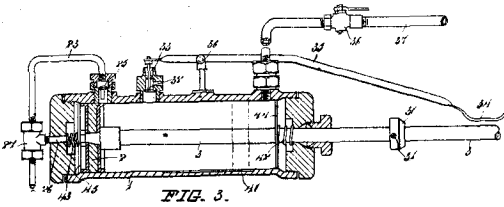
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



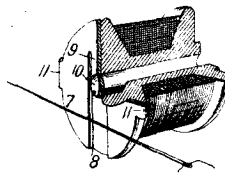
23765
Patterson. Sheep-shears.



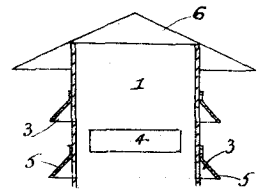
24232
Kent. Shoe and Slipper.



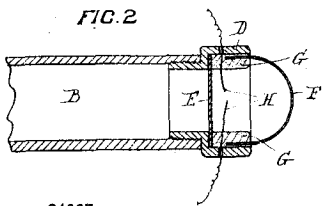
24281
Higgins. Air Brake.



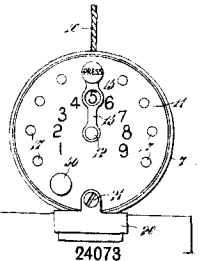
25532
Tatham. Needle-holder.



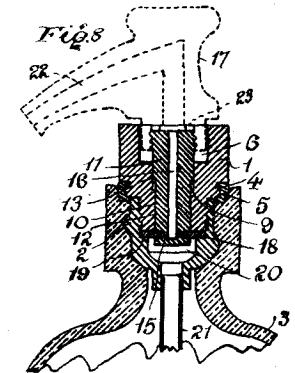
25531
Reeves. Chimney-top.



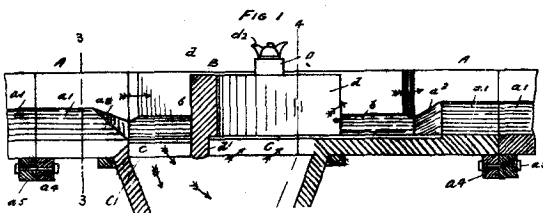
24067
Kinnerney. Fire-extinguisher.



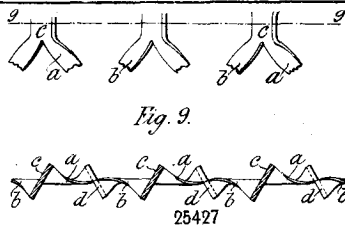
24073
Quertier. Seat, &c., Indicator.



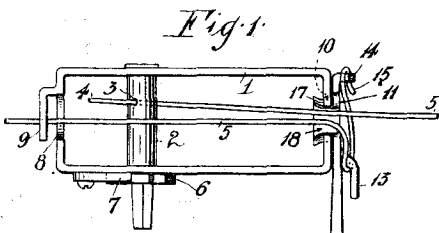
25521
Heurich. Bottle-stopper.



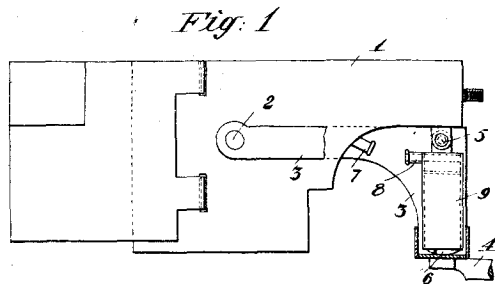
24286
Guthridge. Sizing-classifiers. (Card.)



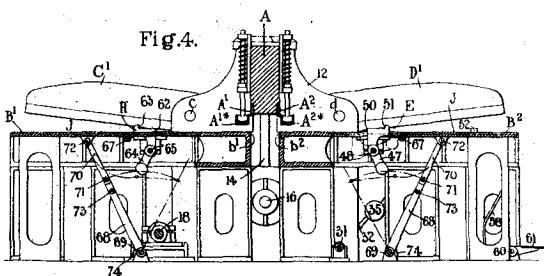
25427
Crittall. Expanded-metal Manufacture.



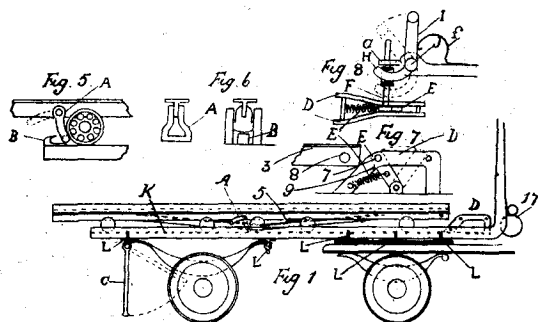
24894
Tink. Wire-strainer.



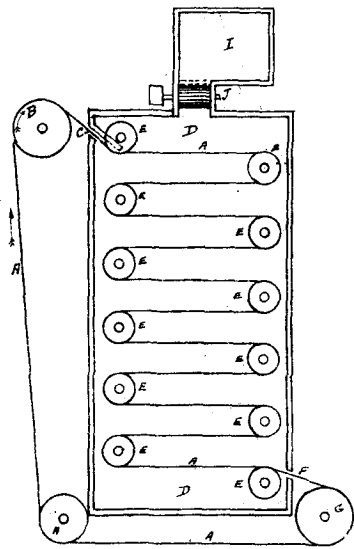
25273
Lindstrom. Milking-machine.



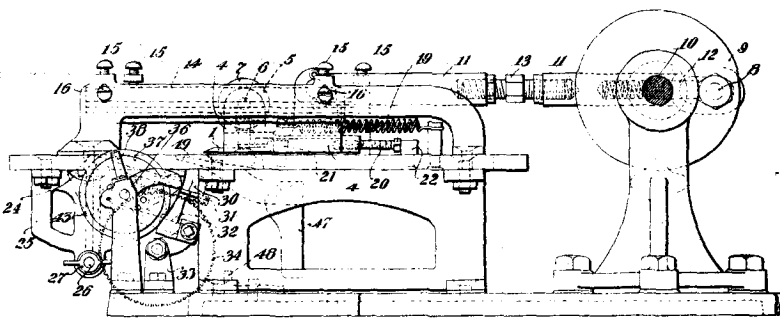
25520
Johnson. Metal-shears.



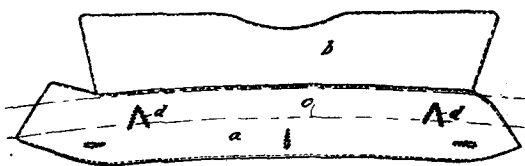
24116
Hutchinson. Transporter.



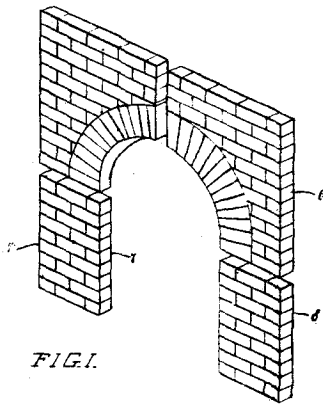
24224
Suttie and Wynyard. Flax-treatment.



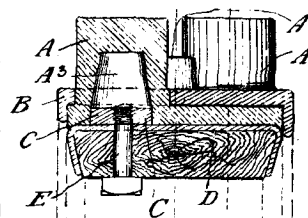
24330
United Shoe Machinery Company. Insole-manufacture. (Cavanagh.)



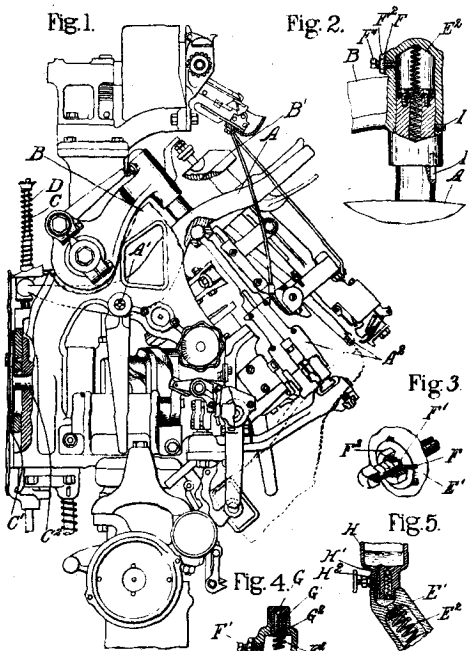
25421
Jackson. Shirt-collar.



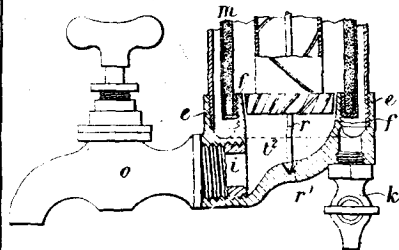
25536
Dyhrberg. Fireplace-front.



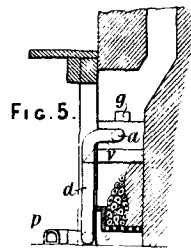
25523
Killen. Rubber Tire.



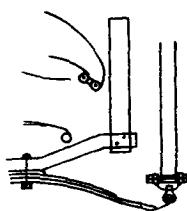
24328
United Shoe Machinery Company. Boot, &c., Manufacture. (Bates.)



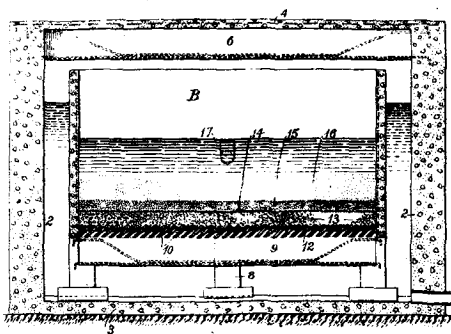
25550
Adams. Filter.



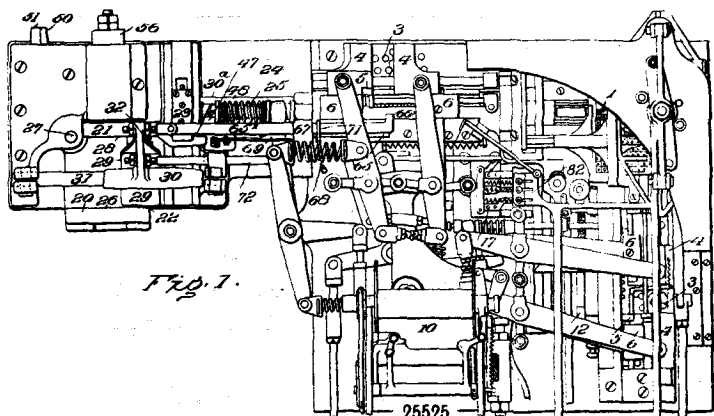
25482
Hedges. Gas-stove.



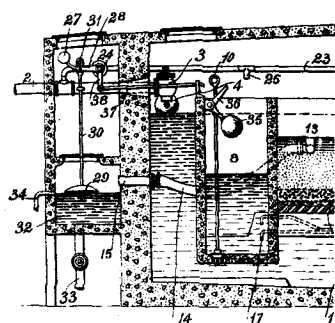
24155
Berg. Gig.



25456
Oliver-Roche Company. Water-purifier. (Roche and Oliver.)



25525
Monotype Machine (Colonial Patents) Syndicate, Limited.
Composing-machine. (Baneroft and Indahl.)



25455
Oliver-Roche Company. Filter. (Roche and Oliver.)

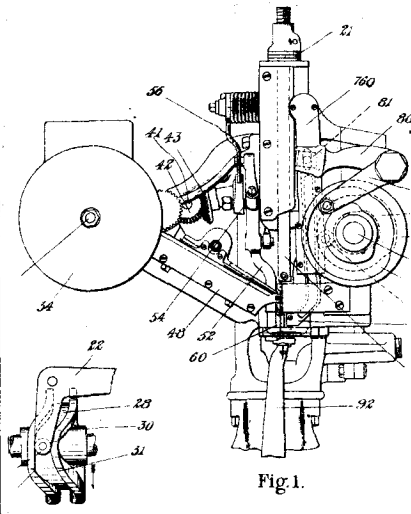
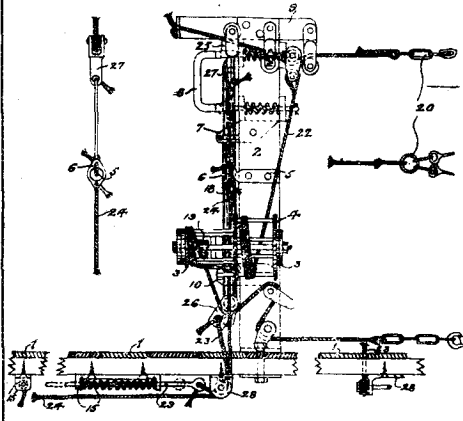
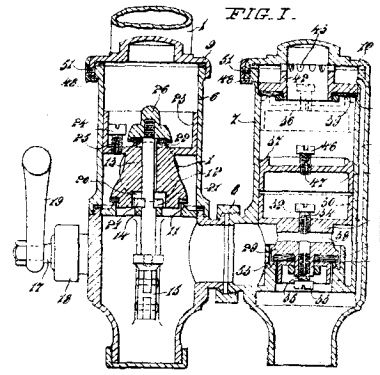


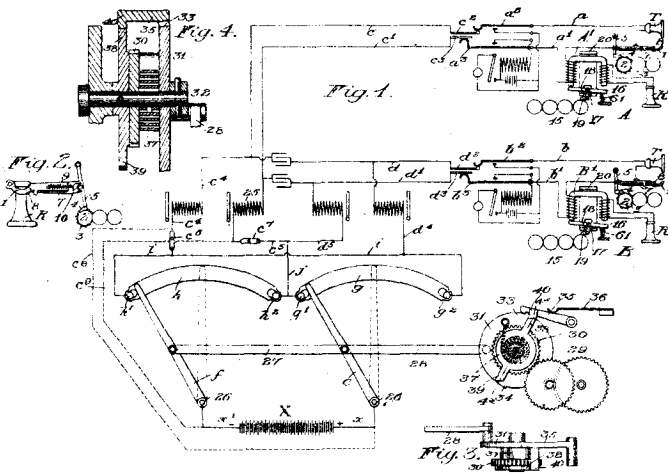
Fig. 2. 24329
United Shoe Machinery Company.
Fastener-inserter. (Goldal.)



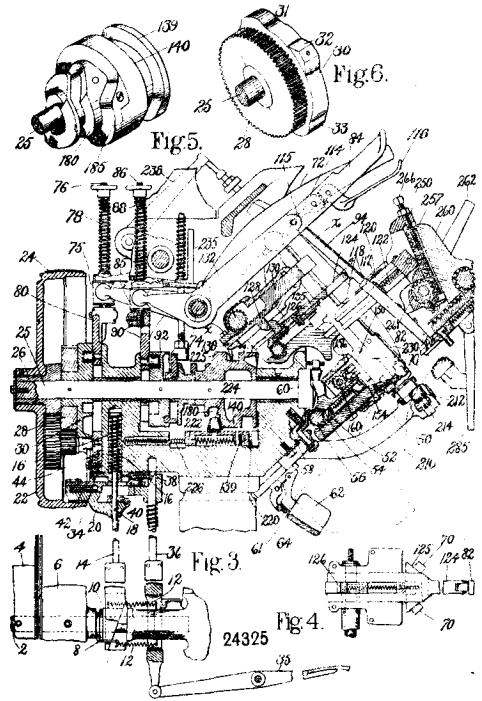
25438
Firth Horse Controller.



25582
Turnbull. Flusher.



25579
Beattie. Telephone.



24325
United Shoe Machinery Company. Boot, &c. Manufacture.
(McFeely.)

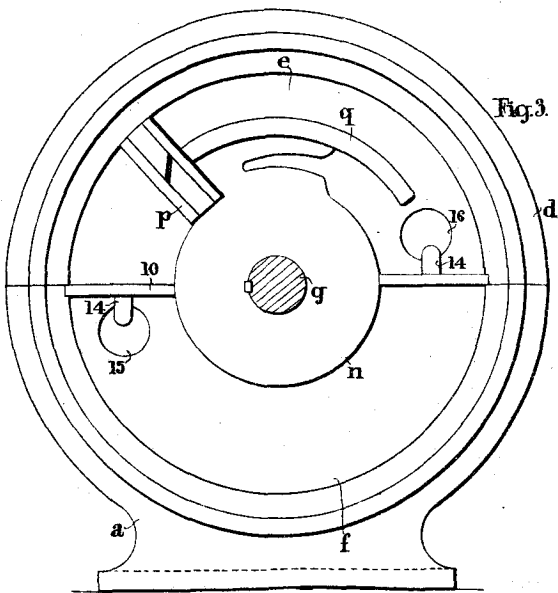


Fig. 3.

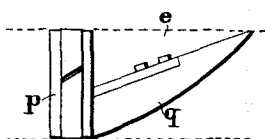


Fig. 9.

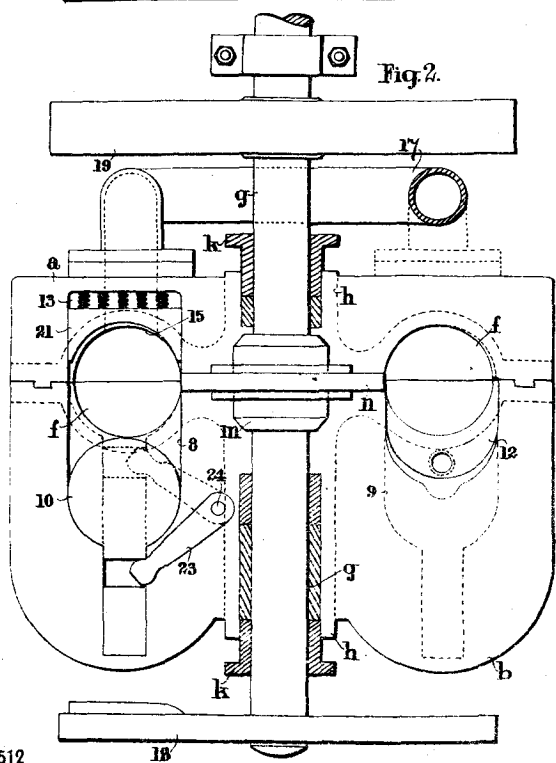
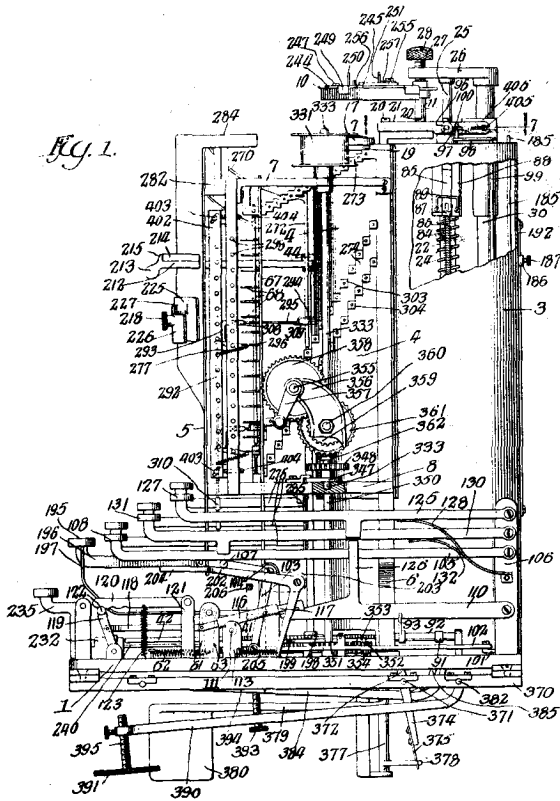


Fig. 2.

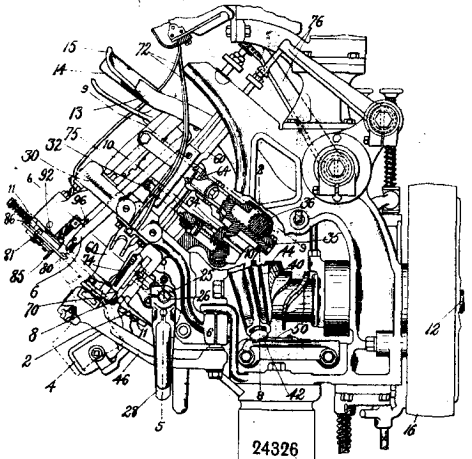
25512
Studholme. Rotary Engine.

Fig. 1.



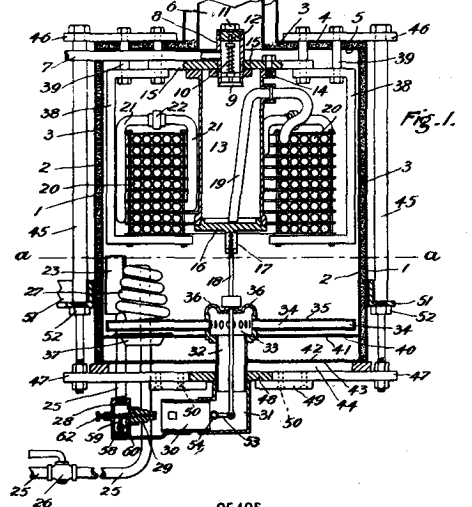
25511

International Typewriter Company. Typewriter. (Nickerson.)



24326

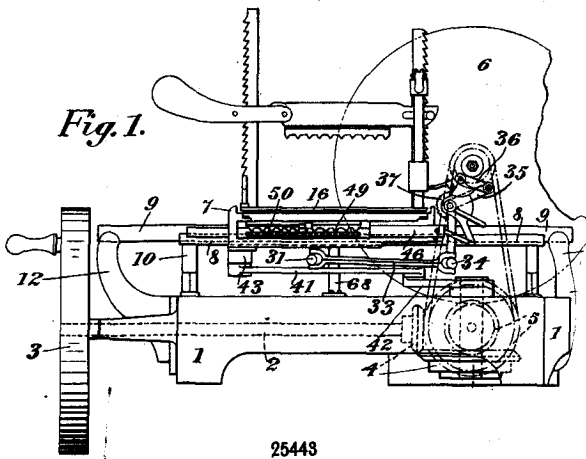
United Shoe Machinery Company. Boot, &c., Manufacture. (McFeely).



25496

Goding. Steam-generator.

Fig. 1.



25448

Van Berkel. Meat-slicer.

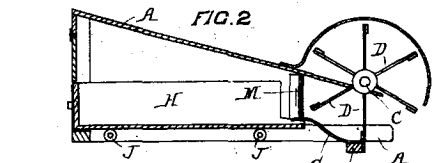
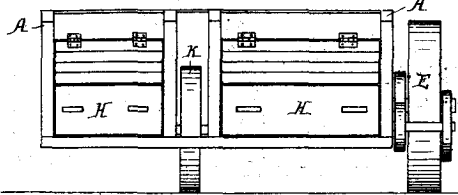
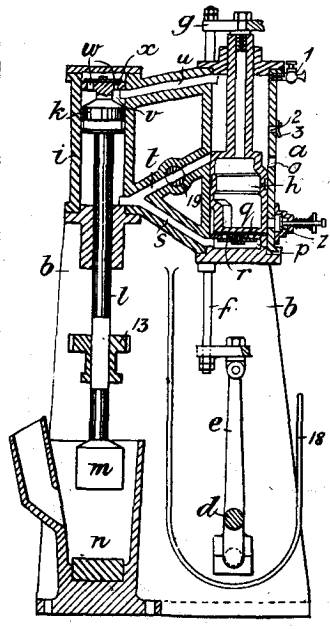


FIG. 3



25524

Painter. Grass-stripper.



25491

Honeywood and Payne. Ore, &c., Grinder.

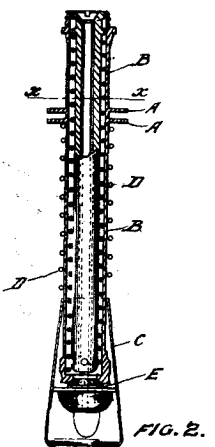


FIG. 2.

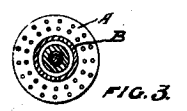
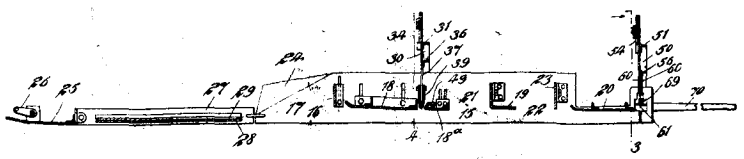


FIG. 3.

25123

Torrington. Aerated-water Plunger.



25509

Ransome International Conduit Company. Concrete Work. (Ransome.)

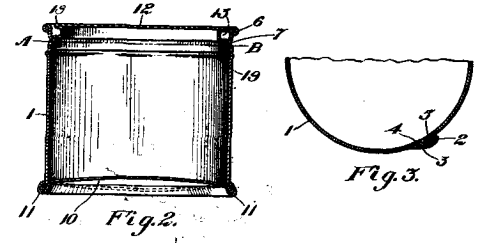


Fig. 2.

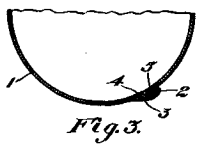


Fig. 3.

25510

Ross. Can.