

SUPPLEMENT

TO THE

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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 colony:—

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 23rd January, 1908.

Classified illustrated abridgments of inventions from 1855 to 1904 and part of 1905.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to March, 1908.

Index of Applicants.

Subject-matter Index.

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

Trade Marks Journal to January, 1908.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to December, 1907.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January to the 1st March, 1907, 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 year 1905.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to March, 1908.

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

General.

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

Patent laws of the world.

Patent and Trade Mark Review.

Text-books and handbooks on patents and trade marks.

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.

(a) Discontinued.

(b) In arrears. Not now being printed.

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.

TRADE MARKS.

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

1. The files relating to all applications for registration 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^(f).
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^(g).
- Pamphlet containing Act and Regulations (price 1s.).

(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.

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

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

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.)
Thames—Courthouse. (J. Jordan, agent.)
Gisborne—Courthouse. (G. J. A. Johnstone, agent.)
New Plymouth—Courthouse. (W. A. D. Banks, agent.)
Napier—Courthouse. (A. Trimble, agent.)
Wanganui—Courthouse. (C. A. Barton, agent.)
Nelson—Courthouse. (E. C. Kelling, agent.)
Blenheim—Courthouse. (J. Terry, agent.)
Westport—Courthouse. (O. E. Bowling, agent.)
Greymouth—Courthouse. (B. Harper, agent.)
Hokitika—Courthouse. (J. N. Nalder, agent.)
Christchurch—Supreme Court. (W. W. Samson, agent.)
Ashburton—Courthouse. (F. W. Hart, agent.)
Timaru—Courthouse. (T. W. Taylor, agent.)
Oamaru—Courthouse. (R. P. Ward, agent.)
Dunedin—Supreme Court. (T. E. Roberts, agent.)
Queenstown—Courthouse. (A. J. Thompson, agent.)
Invercargill—Courthouse. (J. R. Colyer, agent.)

Holidays.—*Empire Day and Prince of Wales's Birthday.*

THE Patent Office will be closed on Monday, the 25th May, and on Wednesday, the 3rd June, being Empire Day and Prince of Wales's Birthday respectively.

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. 24322.—30th April.—A. Walker, Mount Gambier, S. Aust.
Pencil-case.*
No. 24323.—30th April.—S. R. Hawke, Walkerville, S. Aust.
Coating ships' bottoms with copper.*
No. 24324.—30th April.—J. J. Nolan, Temuka, N.Z.
Grain-drill driving-gear.
No. 24325.—30th April.—United Shoe Machinery Company, Paterson, U.S.A.
Boot-making machine. (*R. F. McFeely.*)
No. 24326.—30th April.—United Shoe Machinery Company, Paterson, U.S.A.
Boot-making machine. (*R. F. McFeely.*)
No. 24327.—30th April.—United Shoe Machinery Company, Paterson, U.S.A.
Shoe-upper-lacing machine. (*H. E. Enslin.*)
No. 24328.—30th April.—United Shoe Machinery Company, Paterson, U.S.A.
Boot-making machine. (*A. Bates.*)
No. 24329.—30th April.—United Shoe Machinery Company, Paterson, U.S.A.
Fastener-inserting machine. (*G. Goddu.*)
No. 24330.—30th April.—United Shoe Machinery Company, Paterson, U.S.A.
Insole-operating machine. (*J. Cavanagh.*)
No. 24331.—30th April.—J. Cuthbert, Melbourne, Vic.
Fire-kindler, &c.*
No. 24332.—27th April.—T. B. Robertson, Dunedin, N.Z.
Potato-peeler and nutmeg-grater.*
No. 24333.—27th April.—G. W. Inglis, Invercargill, N.Z.
Flax-machine.
No. 24334.—28th April.—W. E. Garforth, Normanton, Eng.
Respirator.*

No. 24335.—28th April.—W. E. Garforth, Normanton, Eng.
Respirator.*
No. 24336.—28th April.—W. E. Garforth, Normanton, Eng.
Respirator.*
No. 24337.—28th April.—A. M. Ponninghaus, South Yarra, Vic.
Water-heater.*
No. 24338.—28th April.—A. M. Ponninghaus, South Yarra, Vic.
Clothes-washer.*
No. 24339.—28th April.—A. M. Ponninghaus, South Yarra, Vic.
Clothes-washer.* (*W. B. D. Ponninghaus.*)
No. 24340.—28th April.—R. H. Wilson, Dunedin, N.Z.
Nipple for blow-lamps.
No. 24341.—1st May.—C. J. Tuck, Matamau, N.Z.
Hauling-block hook.
No. 24342.—1st May.—G. Henning, Auckland, N.Z.
Motor-car hood.
No. 24343.—2nd May.—C. H. Hopping, Taikorea, N.Z.
Teat-cup support.
No. 24344.—29th April.—C. Suttie, Waharoa, N.Z., and M. H. Wynyard, Auckland, N.Z.
Fibre-holder.
No. 24345.—29th April.—C. Suttie, Waharoa, N.Z., and M. H. Wynyard, Auckland, N.Z.
Flax-dresser.
No. 24346.—29th April.—C. Suttie, Waharoa, N.Z., and M. H. Wynyard, Auckland, N.Z.
Flax-dresser.
No. 24347.—30th April.—I. and W. Faulkner, Dunedin, N.Z.
Fireproof wire-cloth.
No. 24348.—30th April.—A. H. Wright, Dunedin, N.Z.
Advertising programme, &c., fan.
No. 24349.—30th April.—H. Symes, Dunedin, N.Z.
Water-balanced lift-pump, &c.*
No. 24350.—4th May.—J. P. Stevenson, Auckland, N.Z.
Holder for playing-cards.*
No. 24351.—5th May.—C. Harrison, Queenstown, S. Aust.
Fertiliser-manufacture apparatus.*
No. 24352.—5th May.—The Pearson Fire Alarm, Limited, London, Eng.
Fire-alarm, &c.* (*A. H. McNeil.*)
No. 24353.—5th May.—E. Nesbitt, Swan Hill, Vic.
Braces.
No. 24354.—5th May.—E. Nesbitt, Swan Hill, Vic.
Shoulder-strap, skirt-holder, &c.
No. 24355.—6th May.—G. Dillberg and A. Gadd, Ovedsgard, Sweden.
Treating and preserving vegetable fibre.*
No. 24356.—6th May.—J. J. Packer, Palmerston North, N.Z.
Milking-machine.
No. 24357.—6th May.—A. H. Byrne, Wellington, N.Z.
Wool-press.*
No. 24358.—6th May.—I. Geary, Milton, Queensland.
Necktie, &c.*
No. 24359.—6th May.—W. H. Appleby, Bloxwich, Eng.
Rolling-stock coupling.*
No. 24360.—6th May.—E. J. Cuttriss and T. S. King, Launceston, Tas.
Pneumatic wheel.
No. 24361.—6th May.—J. Ramsay, Gore, N.Z.
Brake.
No. 24362.—6th May.—B. F. H. Dawson, Fitzroy, Vic.
Acetylene-generator.
No. 24363.—7th May.—W. E. Hughes, Wellington, N.Z.
Booklet for time-tables, &c. (*J. E. Felstead.*)
No. 24364.—2nd May.—A. Burt, Dunedin, N.Z.
Spout-making machine.
No. 24365.—4th May.—H. Jane, Auckland, N.Z.
Water-heater.
No. 24366.—4th May.—H. V. Johansen, Devonport, N.Z.
Piston.
No. 24367.—8th May.—C. Ballingall, Wellington, N.Z.
Hydrocarbon-gas production.
No. 24368.—6th May.—A. Hesse, Invercargill, N.Z.
Railway signal apparatus.
No. 24369.—9th May.—J. Hazard and H. Fairclough, Christchurch, N.Z.
Bicycle-saddle cover.
No. 24370.—9th May.—J. Y. Dixon, Auckland, N.Z.
Gate-latch.*
No. 24371.—8th May.—W. H. Palmer, Porsgrund, Norway.
Explosive.
No. 24372.—8th May.—*Evening Star* Company, Limited, Dunedin, N.Z.
Box. (*C. S. Smith.*)
No. 24373.—8th May.—A. Ramsay, Dunedin, N.Z.
Tire-inflator.
No. 24374.—8th May.—W. C. J. Schlie, Glasgow, Scotland.
Wire-nail manufacture.*
No. 24375.—11th May.—R. M. Simpson, Wellington, N.Z.
Metal-separator.

- No. 24376.—11th May.—E. M. Jahraus, Dayton, U.S.A. Ore-concentrator.*
 No. 24377.—12th May.—G. A. Pearson, Petone, N.Z. Hose-curling, &c.
 No. 24378.—11th May.—J. Trembath, Fendalton, N.Z. Tire-cover.
 No. 24379.—11th May.—J. Trembath, Fendalton, N.Z. Tire-tube protector.
 No. 24380.—12th May.—L. H. Raw, East Molesey, Eng., and R. Sumner, Farncombe, Eng. Ramie-treatment.*
 No. 24381.—8th May.—J. and M. May, Wanganui, N.Z. Bath.
 No. 24382.—9th May.—T. H. Austin, Dunedin, N.Z. Rotary engine.* (W. K. Austin.)
 No. 24383.—12th May.—A. H. Williams, Wangenella Estate, N.S.W. Cheese-marker.
 No. 24384.—12th May.—E. O. Blackwell, Wynyard, Tas. Ship-ventilator.*
 No. 24385.—12th May.—E. B. Killen, London, Eng. Wheel.*
 No. 24386.—12th May.—W. Snee, West Elizabeth, U.S.A. Power motor.*

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 28th April to the 11th May, 1908, inclusive:—

- No. 23223.—A. Campbell, fencing-standard.
 No. 23265.—S. Campbell and J. S. Gribbon, broom, &c., handle connection.
 No. 23301.—United Shoe Machinery Company, sole-pressing machine. (B. F. Mayo and E. E. Winkley.)
 No. 23374.—J. Fraser, C. Jumeaux, and S. E. Fraser, recording deviation in the course of a vessel.
 No. 23380.—R. S. Sanderson, butter-fat computer.
 No. 23576.—E. C. Kilgour, acetylene-generator.
 No. 23656.—F. N. Jones, poncho.
 No. 23941.—J. Stevens, harness.
 No. 23957.—I. R. Jensen, artificial-marble manufacture.
 No. 24102.—M. and E. A. Brown and W. P. Rough, anti-rattling device for windows, &c.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 13th May, 1908.

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. 22449.—20th February, 1907.—DAVID EBENEZER AMESBURY, of Rongotea, New Zealand, Taxidermist. Spiral wire plug for insertion into tobacco-pipes.*

Claims.—(1.) In a tobacco-pipe, a cup formed of wire, bent spirally, whereby tobacco is held in suspension above the bottom of the bowl, a stem integral with the cup and bent over and fitting a groove formed in the rim of the bowl, and a handle upon the stem, substantially as set forth. (2.) In a tobacco-pipe, the employment with a cup such as described in claim 1, of a spiral cone rising centrally from said cup, substantially as set forth. (3.) The combination and arrangement of parts comprising the spiral wire plug for insertion into tobacco-pipes, substantially as and for the purposes set forth, and illustrated in the drawing.

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

No. 22881.—22nd May, 1907.—WILLIAM GEORGE RICHARDSON, of 21 Upper Vincent Street, Auckland, New Zealand, Fibre Expert, and MICHAEL HAMILTON SCOTT, of 12 Cox Creek Road, Auckland, New Zealand, Company-manager. Improved process for washing and drying New Zealand hemp, and recovery of the saccharine juice and soluble gum.*

Claims.—(1.) In the improved process for washing and drying New Zealand hemp specified, the machine firstly mentioned, having a cage or basket fitted to revolve within an outer vessel, and all other connections thereto, and

working therewith in the manner and for the purpose set forth, as described and illustrated. (2.) In the improved process for washing and drying New Zealand hemp specified, the centrifugal dryer or revolving-machine secondly mentioned, with the steam or hot air heated jacket surrounding same, and all other connections thereto, and working therewith in the manner and for the purpose set forth, as described and illustrated. (3.) The means of loosening and separating the saccharine juice and soluble gum from the hemp set forth, as described and illustrated. (4.) The application, arrangement, and combination of the various parts specified for the purposes set forth, as described and illustrated.

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

No. 22890.—1st May, 1907.—CHARLES KENDRICK, of Tariki, Taranaki, New Zealand, Farmer. An appliance for unwinding barbed wire off spool, and trailing the wire along line of fence.

Claim.—A portable apparatus for uncoiling and trailing barbed wire, consisting of a stock with handle and adjustable shoulder-rest, and a spindle bolted in end of the stock with washers, on which spool revolves, substantially as specified, and illustrated in the drawings.

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

No. 22927.—31st May, 1907.—MANUFACTURERS' MACHINE COMPANY, of Montclair, New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey (the assignees of John James Heys, of Lynn, Essex, Massachusetts, United States of America, Inventor). Improvement in sole-rounding machines.

Extract from Specification.—This invention relates to sole-rounding machines of the type wherein the clamped sole is cut to a pattern by a knife dragged around that pattern. Probably most of the sole-rounding machines now in use are of the so-called "Julian" type, wherein the sole and the pattern to which it is clamped remain stationary and the cutting-knife is drawn around it. Machines of this type so far put out present certain advantages by reason of the fact that the knife has been given a fast and slow motion relative to the sole, so that the knife may be moved at a relatively high speed along the sides of the sole, where the cutting is comparatively easy, while in rounding the toe and heel, where the action is more difficult, the knife may be moved at a relatively slow speed. Machines of this type, however, are objectionable because of the wide swing required for the rotating knife, its carrying and controlling mechanism, and because of the complication which results in giving to this widely swinging knife the necessary changes in speed, support, adjustment, &c. This invention aims principally to eliminate such of the above-mentioned objections as inhere in a movable knife by rotating the sole past the cutting-knife; but the invention also provides in connection therewith the advantages of machines of the travelling-knife type, the provision of means for obtaining a relatively fast cutting-action along the sides of the sole and a relatively slow cutting-action around the toe, with other advantageous features which are not possessed by any machine or machines of either type as heretofore constructed.

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

(Specification, £1 2s.; drawings, 9s.)

No. 23022.—2nd August, 1906.—REINHOLD BURGER, of 2E Chausseestrasse, Berlin N., German Empire, Manufacturer. Improvements in double-walled vessels with a space for a vacuum between the walls.

[NOTE.—This is an application under section 106 of the Act, the date being the official date of the application in Great Britain.]

Claims.—(1.) In a vessel having double walls with a space for a vacuum between them, which walls are stiffened relatively to each other by bodies made preferably of slightly elastic material, the securing in position of the said stiffening-bodies by means of projections or recesses formed on or in one or both of the said walls. (2.) The several arrangements in accordance with the preceding claiming clause as described, and illustrated in the drawings. (3.) The combination with a vessel in accordance with the preceding claiming clauses, of a casing provided with an elastic support for the vessel, and with a cap which, by pressing on a stopper, closes hermetically the mouth of the said vessel.

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

No. 23031.—24th June, 1907.—ALFRED JAMES HOBBS, of 28 Deakin Street, East Brunswick, near Melbourne, Victoria, Australia, Butcher, and JAMES ROBERT JEWELL, of 119 Lygon Street, Brunswick, near Melbourne, Victoria aforesaid, Butcher. Improved means for preventing horses running away when left unattended in the streets.*

Claims.—(1.) In means for preventing horses running away when left unattended in the streets, a spiral hook as A to engage the rim of the wheel, and connected by a strap or other fastening with the shaft or other convenient part of the vehicle, substantially as and for the purposes specified, and as illustrated in the drawings. (2.) In means for preventing horses running away when left unattended in the streets, a ring as D having an arm H projecting from one side of said ring and returning over same, substantially as and for the purposes specified, and as illustrated in the drawings. (3.) In means for preventing horses running away when left unattended in the streets, a stout steel or other hook as B bent in the form of a spiral, in combination with a ring as D having a projecting arm to engage the reins, substantially as and for the purposes specified, and as illustrated in the drawings. ¶

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

No. 23052.—26th June, 1907.—FREDERICK HAMILTON JACKSON, of New Plymouth, New Zealand, Ironmonger, and RICHARD PIERCE, of Bell Block, near New Plymouth, New Zealand, Blacksmith. Improvements in windmills.*

Claim.—Means for actuating windmills, consisting of a rectangular frame secured upon a shaft extending centrally across the frame, and sheets of metal secured one on each side of the frame and extending across it at reverse diagonal angles to each other, such sheets also extending outwards from the frame in a plane at right angles to its surface, substantially as specified.

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

No. 23152.—18th July, 1907.—ANDREW EDWARD CALLOW, of Doveton Street, Ballarat, Victoria, Australia, Veterinary Surgeon. Improvements in staples.*

Extract from Specification.—I make my staples with points formed with a curve which extends upwards from the side to which the eurl is to be. This curve forms the point-tip, and extends to a suitable height, as will be further explained. Each limb is provided with barb-cuts, or suitable indentations on the side to which the curl is to occur (or the opposite side), as in an obliquely downward or suitable direction; at each or some of the cuts part of the metal is forced outward.

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

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

No. 23225.—27th July, 1907.—PAUL BOCK, of Custom Street West, Auckland, New Zealand, Manufacturing Chemist. An improved means of supporting cartons and other boxes on window display-cards.*

Claims.—(1.) The improved means for supporting cartons and other boxes upon window display-cards, the same consisting of a number of tags upon the front surface of the card, and so arranged and disposed as to be capable of passing into the back folds of the cartons to be supported, substantially as specified. (2.) In the means for supporting cartons and other boxes on window display-cards claimed in claim 1, forming the tags by cutting out approximately shaped portions of the card and bending such portions slightly outward from the surface of the card, substantially as specified.

(Specification, 1s. 9d.; drawing, 1s.)

No. 23275.—7th August, 1907.—P. AND D. DUNCAN, LIMITED, of Christchurch, New Zealand, Engineers (the assignees of James Keir, of Sydenham, Canterbury, New Zealand, Engineer). Improvement in turnip cutters and slicers.*

Claims.—(1.) A revolving spider carrying steel blades and having projecting knives attached to them, as and for the purposes described. (2.) The combination of a revolving spider carrying adjustable steel blades, with an adjustable back plate for cutting different thicknesses of slices, as described, and illustrated in the drawings.

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

No. 23606.—17th October, 1907.—WESTERN MILL AND MACHINE COMPANY, a corporation organized under the laws of the State of California, United States of America, and doing business on Synder Street, at Fifth, West Berkeley, Alameda, California, United States of America (the assignees of George Clark Richards, of 1417 Ashby Avenue, Berkeley, California, United States of America, Miner). Combined stamp and grinding mill.

Claims.—(1.) A stamp mill having, in combination, a rotary pan, said pan having a trough the outer wall of which is provided with openings for the delivery of crushed material and the inner wall forming a central cone, a driving-shaft passing through the centre of said cone and fixed to said cone, a series of successively arranged die-members in said trough, a stamp-member, a fixed support for the stamp-member, and means forming a horizontal hinge about which said stamp-member may rise and fall to engage successive of said die-members. (2.) In a stamp mill, the combination of a rotary pan having an annular trough, one wall of which is provided with delivery-openings and the opposite wall forming a central cone, a drive-shaft passing through and fixed to said cone, a series of die-members successively arranged in said trough, a stamp-member hingedly mounted and capable of substantially trailing over said die-members, and means carried by the pan and independent of the die-members for raising the stamp-member and then allowing it to drop upon a die-member. (3.) In a stamp mill, the combination of a rotary pan provided with an annular series of successively arranged die-members having inclined faces, a stamp-member hingedly mounted and adapted to substantially trail over the inclined faces of said die-members, and means for vertically elevating the stamp-member as it is about to leave the face of one die-member, said elevating-means releasing the stamp-member substantially co-ordinate with its arrival over a succeeding die-member. (4.) In a stamp mill, the combination of a rotary pan having an annular series of successively arranged die-members provided with inclined faces, a stamp-member hingedly mounted and capable of substantially trailing over the inclined faces of said die-members, and means including a cam and a contact member between the pan and the stamp-member, said means elevating the stamp-member as it is about to leave the inclined face of one die-member, and said elevating-means releasing the engaged stamp-member substantially co-ordinate with the arrival of the latter over a succeeding die-member. (5.) In a stamp mill, a mortar, a shaft about which the mortar is revoluble, a turntable free to turn about the shaft and supporting the mortar, said turntable comprising conical rollers on radial rods, and means for radially adjusting the individual rollers, and a track for the rollers to run on. (6.) In a stamp mill, a rotary mortar and a turntable therefor, said turntable comprising a hub portion, spokes secured to the hub, conical rollers on the spokes, a sectional rim secured to the outer ends of the spokes, the sections of the rim being movable to permit adjustment lengthwise of the rollers on the spokes, and a track on which the rollers run. (7.) In a stamp mill, a rotary mortar having openings in the outer wall for the delivery of crushed material, dies in the mortar, means to revolve the mortar, stamps and stamp-stems, arms hinged to fixed supports in which the stems are adjustable, rollers on the arms, and cams on the mortar engaging the rollers to lift the stamps. (8.) In a stamp-mill, the combination of a rotary mortar, a turntable on which the mortar is supported, dies in the mortar arranged in an annular series, a corresponding series of stamps arranged to trail over the dies, said stamps carried on angular stems, arms in which said stems are vertically adjustable, collars in which said arms are pivoted, stanchions on which said collars are vertically adjustable, co-operating means on the mortar and arms to raise the stamps, and flexible connections suspended from an overhead support engageable with projections on the arms for hanging up the stamps.

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

No. 23647.—23rd October, 1907.—JAMES WILLIAM BUTTERWORTH, of Stanley Street, Richmond, near Auckland, New Zealand, Pattern-maker. An improved automatic electric fire-alarm.*

Extract from Specification.—This invention relates to automatic fire-alarms, and it provides for the automatic sounding of an electric bell or bells, which are connected by wires to a metal tube closed at bottom end and containing mercury; one of the wires forming the bell-circuit is connected direct on to the metal of the tube, the other wire of the circuit is insulated from the body of the tube by passing through a plug of suitable insulating-material containing an expansion-chamber, which is fitted in top of tube, the complete circuit

being formed when heat causes the mercury contained within the tube to expand and reach a level above its normal, the mercury thereby coming in contact with the end of the wire which is insulated from the metal of the tube, forming a complete circuit for the current of electricity to pass from suitable batteries connected within the circuit through the mercury, causing the electric bell or bells to ring. Suitable means are used for regulating the device so as to cause it to ring when the surrounding atmosphere reaches any specified or predetermined degree of temperature.

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

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

No. 23943.—29th January, 1908.—EDWIN COOMBS, of Lilydale Grove, Auburn, Victoria, Australia, Plasterer. Improvements in and relating to plaster ceilings and like surfaces.

Claims.—(1.) The process consisting in fixing meshed material at a slight distance below joists, placing a mould sheet or sheets below the meshed material, adding plaster of thin consistency through the meshed material, and causing it to flow (unobstructed by said meshed material) on to substantially the whole surface of the mould sheeting and form a casting of sufficient thickness, then imbedding meshed material upon the surface of the casting before it sets, and subsequently removing the mould sheeting. (2.) The process of ceiling-construction by means of cast plaster, using enriched or embossed moulding-sheeting, wire netting, or other stiffening-means, scrim or the like between the wire netting and the mould sheeting, wires or thin rods between the wire netting and joists, fastening-means for the mould sheeting, scrim, netting, and wires, and, pressed upon the plaster casting and imbedded therein, scrim or meshed material extended beneath the joists. (3.) The combination of the materials described to form a ceiling or structure having parts as illustrated in Figs. 1 and 2. (4.) The combination of the materials described to form a ceiling or structure having parts as illustrated in Fig. 3.

(Specification, 3s. 9d. ; drawing, 1s.)

No. 24060.—24th February, 1908.—WILLIAM BENNET, of Mornington, Dunedin, New Zealand, Bootmaker. Improved renewable soles and interchangeable heels for boots and shoes.

Claims.—(1.) In boots and shoes, in combination with them, clips formed in at least two pieces, the lower being permanently secured to the heel-butt, the other sliding under and being gripped by it, and, passing through the lift, is opened out, all substantially as shown in the drawing, and as described and as explained. (2.) In boots and shoes, in combination with them, a clip formed in two pieces, the lower one being permanently secured to the ply-sole and gripping the other, which is passed through the sole and opened out, all substantially as set forth, and as shown in the drawing. (3.) In combination with removable soles and heels secured by clips, gripping-studs through which a clip is passed and doubled over, all substantially as set forth.

(Specification, 2s. 9d. ; drawing, 1s.)

No. 24091.—29th February, 1908.—THOMAS MORRIS, Mornington, Dunedin, New Zealand. Protection of steps in vehicles.

Claims.—(1.) In the steps of vehicles, in combination with them, a protecting-pad arranged to fit over the face and edges of the said step, and be secured to same, all substantially as shown in the drawing, and as described and as explained. (2.) In combination with a vehicle's steps, a pad, preferably having a pattern on the face of same, arranged to fit over the face and edges of the said step, and capable of being secured to same, all substantially as set forth.

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

No. 24147.—18th March, 1908.—JAMES MULLIGAN, of Christchurch, New Zealand, Chef (the nominee of George Wesley White, of Footscray, Victoria, Australia, Farmer). An improved hose-coupling.

Claim.—An improved hose-coupling, comprising a coned sleeve or thimble placed inside the hose-end, and having its

outer extremity threaded to engage a correspondingly threaded nut or union adapted to be screwed against the end of a collar, coned internally and encircling the hose-end, so that said collar and sleeve move in opposite directions, and thus firmly grip the hose-end between them, substantially as and for the purposes set forth.

(Specification, 1s. 9d. ; drawing, 1s.)

No. 24169.—24th March, 1908.—CHARLES WILLIAM CLAYTON, of 221 Victoria Avenue, Wanganui, New Zealand. A spiral-spring-heeled insole.

Claim.—The particular and special use of spiral springs attached to insoles of boots, shoes, or slippers, resting in socket-holes bored into the heels of boots, shoes, and slippers, thus allowing a yielding base for the heels of the wearers of boots, shoes, or slippers to rest upon, and relieving concussion each step taken, as described.

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

No. 24174.—25th March, 1908.—JAMES THOMAS HUNTER, of Queen's Chambers, Wellington, New Zealand, Patent Agent (the nominee of the Electric Railway Improvement Company, a corporation organized and existing under the laws of Ohio, and having its principal place of business at Cleveland, Ohio, United States of America, Manufacturers). Improved method of homogeneously uniting metal bodies by heat.

Claims.—(1.) A method of homogeneously uniting metals of unequal heat-conductivities, and having unequal fusing-points, characterized in that heat from an external source is concentrated on the metal of greater heat-conductivity and lower fusing-point, the metal of lesser conductivity and higher fusing-point being heated largely by conduction of heat through the metal of greater conductivity, whereby the contacting faces of the metals are fused practically simultaneously. (2.) In the method claimed in claim 1, heating the metal of greater heat-conductivity and lower fusing-point by passing a heating electric current through an electrode of high resistance pressed against the outer or free face thereof. (3.) In the method claimed in claim 2, interposing a cementing-material having a lower fusing-point than the metals to be united, the resistance of the joint or joints between such metals and cementing-material being made such that the said material is fused upon the initial application of the electric current. (4.) The improved method of uniting a copper bond to a steel rail, substantially as described.

(Specification, 13s. ; drawings, 3s.)

No. 24181.—26th March, 1908.—ROLAND JOHN FARMER, of "Carisbrooke," Belmore Road, Randwick, near Sydney, New South Wales, Australia, Artist. Improvements in closets or privies.

Claims.—(1.) In closets or privies, the combination with a receiving chamber or bowl removably set upon a receptacle or pan, of a valvular passage connecting same, adapted to be normally tightly closed by an operatable receiving platter or valve, substantially as described and explained. (2.) In closets or privies as herein set forth, the storage of fluid lubricant and [or] disinfectant around the valvular connecting passage and within the closing valve or platter, substantially as described and explained. (3.) In closets or privies as herein set forth, the combination with a pan such as 8, of a bowl such as 15, a valvular passage such as 25, and a receiving-platter such as 28, adapted to be reversed and oscillated, substantially as described and explained, and as illustrated in the drawing. (4.) In closets or privies as herein set forth, the combination with a pan such as 8, and a bowl such as 15, of a valvular passage such as 25, having a flaring-mouth reservoir such as 26 thereon, and ducts such as 27, as and for the purposes stated, substantially as described and explained, and as illustrated in the drawing. (5.) In dry-earth closets or privies as herein set forth, the combination with a pan such as 8, a bowl such as 15, and a valvular passage such as 25, of a hollow platter or valve such as 28, having annular channel such as 41 for absorbent-filling, and ducts such as 42, as and for the purposes stated, substantially as described and explained, and as illustrated in the drawing. (6.) In closets or privies as herein set forth, the combination with a pan such as 8, a bowl such as 15, a valvular chamber such as

14, and a platter such as 28, of a horizontal spindle such as 29, gearing such as 35 and 36, a vertical shaft such as 37, terminating in a handle such as 39, as and for the purposes stated, substantially as described and explained, and as illustrated in the drawing. (7.) The combination and arrangement together of the mechanical parts or integers for the purposes set forth, constituting improved sanitary furniture for a closet or privy, substantially as described and explained, and as illustrated in the drawing.

(Specification, 6s. ; drawings, 4s.)

No. 24185.—27th March, 1908.—JOHN WILSON, of Auckland, New Zealand, Cement-manufacturer. Improvements in ferro-concrete structures.

Extract from Specification.—According to my invention, pairs of portable shutters, consisting of battens secured to horizontal bars, are placed face to face at a distance apart equal to the thickness of the wall or the like to be constructed. The shutters are spaced apart by gauges of wood and of concrete or the like, and secured together by bolts. The gauges are located upon vertical rods, the lower ends of which are sunk into the foundation of the structure. These rods are held accurately vertical by a cap-plate, and serve as guides for the gauge-blocks. After the space between the shutters has been filled with concrete a second pair or tier is placed in position above the first pair or tier of shutters, and after the space between this second pair or tier has been filled in the first pair or tier of shutters may be removed and brought into use above the second pair or tier, and so on until the structure is complete.

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

(Specification, 3s. 9d. ; drawing, 1s.)

No. 24186.—27th March, 1908.—FRITZ OTTO VON ROME, of Christchurch, New Zealand. An improved construction of boot-upper.

Claim.—An improved construction of boot-upper, consisting in forming the upper with an instep portion extending rearwardly from the front portion, and with flaps extending forwardly from the respective edges of the back and overlapping the corresponding edges of the instep portion, means for fastening the flaps together, and pieces of elastic webbing extending between the edges of the instep portion and the inside of the corresponding flap, substantially as specified, and as illustrated in the drawings.

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

No. 24195.—25th April, 1908.—WILLIAM WALLACE PEARCE, of 292 Cashel Street, Christchurch, Canterbury, New Zealand, Gentleman. Improvements in or relating to travelling-trunks.

Claims.—In a cover for travelling-trunks having fastening straps and buckles at its ends and sides, of stitching or other marking outlining a space corresponding to the size of a trunk-bottom, and loops upon the other side of the cover below said space and adapted to receive encircling straps, whereby the trunk is readily placed in proper position with relation to the cover and said encircling straps, substantially as set forth. (2.) In a travelling-trunk containing a tray projecting above the body thereof, constructing the lid of the trunk with a rim bevelled upon the inside, whereby the lid may be closed without coming into contact with the tray, substantially as set forth. (3.) The general, particular, and internal arrangements of the tray 15 with the relative positions of the different parts fitting them for the different uses of which these parts are designed—namely, in short, the removable writing-case, letter-receipt rack, dressing-case, toilet, and cash purposes; also for corner-supports of tray as mentioned. (4.) The particular construction of tray 16: ends much lower than sides, ends of sides cut back, grooves in corners of bottom tray to enable it to be taken out over supports of top tray. (5.) The relative construction and arrangement, with recess beneath, of small inner tray 35a, also in conjunction with the partition 34 cut back at its ends. (6.) The internal arrangements of the bottom tray 16 for the special places for different items of wardrobe.

(Specification, 5s. 3d. ; drawings, 3s.)

No. 24198.—1st April, 1908.—JAMES THOMAS HUNTER, of Queen's Chambers, Wellington, New Zealand, Patent Agent (the nominee of Linotype and Machinery, Limited, of 188 and 189 Fleet Street, London, England—the assignees of Charles Showler Woodroffe, of 188 and 189 Fleet Street aforesaid, Chartered Patent Agent; Herbert Pearce and John Ernest Billington, both of Linotype and Machinery Works, Broadheath, Chester, England, Engineers). Improvements in the quadding-apparatus of typographical composing-machines.

Extract from Specification.—The present invention relates to improvements in the quadding-apparatus of typographical composing-machines, more especially in the quadding-apparatus described in the specification of British Letters Patent 16255 of 1898. That apparatus was invented for use in and is described in connection with the linotype machine described in the specification of New Zealand Letters Patent No. 7001. In this machine the mould for the body of the linotype is a horizontal slot in a mould-block on the mould-carrier, that for the printing-edge of the linotype being provided by the assembled line of elements or matrices and space-bars. This line is held against the body-mould by a vice consisting of two jaws, between which the line is wedged tight by the thickening of each of the space-bars. The body-mould is the same length as the line, so that the latter covers and closes the body-mould on that side of it, the opposite side of it being open to receive type-metal, which is injected into it by a pump. If the line to be assembled happened to be a short one, such as so frequently occurs at the end of a paragraph, the operator was obliged, unless his machine was fitted with the quadding-apparatus of British Patent 16255 of 1898, to make the short line up to full length by assembling a sufficient number of quads, otherwise the line would not have been long enough to close the mould. The assembling of each quad necessitated a depression of the quad-key on the keyboard, and therefore occupied time for which there was nothing to show in the printing-edge of the linotype. The last-mentioned patent relieved him of the necessity of so assembling quads by making the right-hand vice-jaw—the one that contacts with the end of a line—movable, so that the depression of a special key should be followed by the automatic movement of this jaw towards its fellow jaw far enough to embrace the short line between them. The mechanism of this patent is now known in the art as a quadding-apparatus or "quadder." The present invention has been invented for use in the same machine, and is particularly adapted for use therein, although it is not necessarily restricted thereto. But because of that particular adaptability, its construction for and use in the said machine have been chosen for illustration and specification. It follows British Patent 16255 of 1898 in having the vice-jaw that contacts with the end of a line movable, but is characterized by certain improvements which are duly specified hereafter and claimed. Before proceeding with the specification of such construction and use, it will be well to premise that the matrices and space-bars—these being the elements which the said machine composes or assembles into lines—enter a horizontally-positioned organ known as the assembler-elevator through the open right-hand end of it, one by one; that they are pushed along the said elevator towards the left by the last element assembled; that the elevator then assuming the function of a line-carriage is raised vertically till it places the line assembled in it within the grasp of the line-shifter; that the line-shifter is moved horizontally to the left till it delivers the said line into the first elevator; that the latter then moves vertically downwards to place the line between the jaws of a vice, where it is justified by having all its space-bars thickened until it is wedged by them tightly between the said jaws; that the casting-apparatus has a slot to serve as a mould for the body of the linotype, the only part of the complete mould which the assembled line contributes being that for the printing-edge of the linotype; that these two—slot and part—register with each other to form the complete mould; that the linotype is then cast; that the vice is then opened as much as it had been previously closed; and that, lastly, the said first elevator, with the line in it, is raised vertically to deliver the line to the distributing-mechanism.

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

(Specification, £1 10s. ; drawings, 9s.)

No. 24199.—1st April, 1908.—JAMES THOMAS HUNTER, of Queen's Chambers, Wellington, New Zealand, Patent Agent (the nominee of Dr. C. Richard Bohm, of Berlin, Germany). A new and useful method of producing incandescent mantles.

Extract from Specification.—The improvement consists in using, in addition to the peroxide of hydrogen, such substance

or substances which, either by itself or themselves or in conjunction with the peroxide of hydrogen, will render the resulting cerium combination insoluble without in the least impeding the formation of an insoluble thorium combination under the action of the peroxide of hydrogen. Such substances are various organic acids and their salts.

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

(Specification, 6s. 6d.)

No. 24203.—30th March, 1908.—YARROW AND COMPANY (BOLTON), LIMITED, of District Bank Chambers, Wood Street, Bolton, Lancaster, England, Sanitary Engineers (the assignees of Matthew Yarrow, of District Bank Chambers aforesaid). Improvements in the joints of pipes or mains.

Claims.—(1.) Pipes or mains constructed so that radial flanges on their spigot parts will take within the socket parts so that spaces between the peripheries of said radial flanges and said socket parts are formed for the reception of temporary jointing material, substantially as specified. (2.) Pipes or mains constructed to have radial flanges on their spigot parts, and flanges and grooves in their socket parts, with annular spaces intervening between them for receiving the temporary and other packing-material, substantially as specified. (3.) Pipes or mains having radial flanges formed with peripheries of the shape specified, to afford access to the adjoining grooves containing the packing-material, so that repairs or the like may be effected, substantially as set forth. (4.) Pipes or mains constructed with radial flanges to take within hoops having internal flanges, so that temporary and permanent packing-material may be used for making the joint, substantially as described. (5.) Pipes or mains constructed to take within hoops made in detachable parts, the outer surfaces of said pipes or mains and the inner surfaces of said hoops being formed to retain packing-material, substantially as specified.

(Specification, 9s. 6d.; drawing, 5s.)

No. 24204.—2nd April, 1908.—DAVID MORGAN, of 49 Frankland Street, Launceston, Tasmania, Australia, Sculptor and Mason. Improved apparatus for erecting collapsible moulds.

Claims.—(1.) An apparatus for erecting collapsible moulds, comprising mould-sides and removable keys having releasing wards or lugs which when turned permit lateral displacement of said sides. (2.) In an apparatus as described in claim 1, the use therewith of removable spacing-boards, for the purpose specified. (3.) In an apparatus as described in claim 1, the addition of abutments on the key, for the purposes specified. (4.) In an apparatus as described in claim 1, forming removable releasing wards or lugs on the key, for the purpose specified. (5.) In an apparatus as described in claim 1, forming longitudinally adjustable releasing wards or lugs on the keys, for the purposes specified. (6.) In an apparatus as described in claim 1, forming abutments on the sleeve of the removable releasing wards or lugs, for the purposes specified. (7.) In an apparatus as described in claim 1, mounting the releasing wards or lugs rotatably on the key, for the purpose specified. (8.) In an apparatus as described in claim 1, forming grooves in the keys, for the purposes specified. (9.) In an apparatus as described in claim 1, the addition to the mould-sides of a plate or series of thin bars projecting from the inner lower face thereof, for the purpose specified. (10.) In an apparatus as described in claim 1, superposed metallic mould-sides having their adjacent edges overlapping each other, for the purpose specified. (11.) In an apparatus as described in claim 1, the formation of corresponding recesses in the edges of the adjacent mould-sides, for the purpose specified. (12.) In an apparatus as described in claim 1, forming a hole through the mould-sides corresponding in shape to the releasing wards or lugs, for the purpose specified. (13.) In an apparatus as described in claim 1, forming the releasing wards or lugs in any of the shapes shown in the drawings, for the purpose specified. (14.) In an apparatus as described in claim 1, the formation of a number of releasing wards or lugs on the key to enable a plurality of moulds to be erected simultaneously.

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

No. 24223.—3rd April, 1908.—THOMPSON TYPE-MACHINE COMPANY, of 130 Sherman Street, Chicago, Cook, Illinois, United States of America, Manufacturers (the assignee of John Smith Thompson, of 980 Belleplaine Avenue, Chicago aforesaid, Printer). Type-casting machines.

Claims.—(1.) A machine for casting type, comprising a sectional mould, a matrix-carrier, and a metal-pot supported in a pivotally mounted yoke, means for adjusting the vertical position of the mould-sections, means for adjusting the vertical position of the matrix-carrier, and means for adjusting the vertical position of the metal-pot. (2.) A machine for casting type, comprising a mould, a matrix-carrier and a metal-pot supported on opposite sides of said mould to form a tight joint, and means for yieldingly pressing said metal-pot against the opposite side of said mould until the parts have reached the maximum expansion, in combination with means for thereafter rigidly holding said pot against said mould. (3.) A machine for casting type, comprising a mould, a matrix-carrier and a metal-pot mounted on opposite sides of said mould, a pivotally mounted yoke for supporting the metal-pot, and means for adjusting the vertical and horizontal position of the metal-pot in said yoke. (4.) A type-mould, comprising a cap and base, an intermediate body-piece controlling the body-wise and set-wise dimensions of the mould, two jet-blocks associated with said cap and base for forming a jet on said type, a jet-piece working between said jet-blocks, a vertically movable plate forming one side of the mould and jet-cavities, and a pusher-plate and associated parts to which said body-piece and jet-piece are attached, and means for independently altering the cross-sectional area of said mould and jet-cavities. (5.) A type-mould, comprising type-forming and jet-forming parts, means for introducing molten metal through the jet-forming parts to the type-forming parts, and means for cooling the jet parts, whereby the type-forming parts are maintained at a uniform temperature.

[NOTE.—Here follow thirty-six other claims.]

(Specification, £1 10s.; drawings, 4s.)

No. 24229.—8th April, 1908.—ARTHUR HJALMAR BORGSTRÖM, of Hangö, Finland, Merchant. Improvements in the continual manufacture of butter, and apparatus adapted therefor.

Claims.—(1.) The method of manufacturing butter, consisting in causing the cream or milk, acted upon by the centrifugal force, to move along a rotating surface, finely fluted, formed like a grater or made rough in any other manner, so that a great friction is effected. (2.) An apparatus for carrying out the method stated in claim 1, consisting of a rotating vertical shaft provided with a plane or conical disc which rotates with the said shaft, and the top side of which is rendered very rough by the disc being finely fluted, perforated like a grater, or in any other manner; and of suitable means for supplying the cream continually to the disc, at the centre of the same, in a quantity so adapted that the cream by the action of the centrifugal force is spread on the disc in a thin layer while moving outward towards the periphery of the same. (3.) A form of the apparatus stated in claim 2, characterized by a number of discs 2, 2, . . . being fixed on the shaft one above the other and at some distance from each other, and by stationary plane or conical plates 5, 5, . . . being mounted in the spaces between the said discs, which plates are provided with suitable shields or the like, and guide the liquid thrown outward from a superposed disc back to the centre, and causes the same to pass downward to the next subjacent disc 2 through an opening 8. (4.) In the apparatus stated in claim 2 or 3, the arrangement of the rough surface being provided on a separate plate mounted on the disc. (5.) In the apparatus stated in claim 2 or 3, the arrangement of the discs being mounted in a chamber shut off from the atmospheric air and provided in the frame in which the shaft is journaled, for the purpose that the low temperature of the cooled cream may be maintained more easily.

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

No. 24241.—6th April, 1908.—GEORGE ROBSON, of Racine, Fitzroy Street, St. Kilda, Victoria, Australia, Inventor. Apparatus, controllable from a distance, for automatically turning on and off the lights of gas-burners.

Claims.—(1.) In apparatus for automatically turning on and off the lights of gas-burners, in combination, means embracing an expanding body arranged to synchronously

expand with an intentional abnormal rise of gas-pressure, means for communicating its expansive movement to release clockwork and allow the latter to move alternately forward or backward an arm communicating with the tap of the burner, means such as a coiled spring to energize the said clockwork, and means at the controlling gas-station for giving the required abnormal pressure to the gas, substantially as and for the purposes set forth. (2.) In apparatus for automatically turning on and off the lights of gas-burners, in combination, means embracing an expanding body arranged to synchronously expand with an intentional abnormal rise of gas-pressure, means such as an adjustable weighted lever or corresponding weight or pressure medium operating against the action of the expanding body, means for communicating the expansive movement to release clockwork and allow the latter to move alternately forward or backward, means for communicating the movement produced to the tap of the burner, means for providing energy to the said clockwork, and means at the controlling gas-station for giving such abnormal pressure to the gas as will overcome the adjusted retarding pressure or weights upon the expanding body, substantially as and for the purposes set forth. (3.) In apparatus for automatically turning on and off the lights of gas-burners, in combination, means embracing an expanding body arranged to synchronously expand with an intentional abnormal rise of gas-pressure, means such as an adjustable weighted lever operating against the expansion of the expanding body, a clockwork mechanism having a crank 9 and means for stopping the mechanism on a half-turn of the crank, a rod 11, means for removing part of the weight or pressure from action against the expansion of the body, a plate 25, and an arm 27, substantially as and for the purposes set forth. (4.) The general combination and arrangement of the several parts forming apparatus for automatically turning on and off the lights of gas-burners, controllable from a distance, substantially as described, and as illustrated in the drawing.

(Specification, 8s. 3d.; drawings, 2s.)

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, 13th May, 1908.

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

- No. 23964.—A. Slinger and R. Knox, air-inlet for drainage.
No. 24058.—H. Quertier, umbrella.
No. 24176.—J. Peacock, tin-saving appliance.
No. 24213.—J. H. O'Callaghan, bicycle-pump connection.
No. 24219.—A. H. Schmidt, spring-bed wire fabric.
No. 24227.—J. A. Wilson, vehicle-spring attachment.
No. 24228.—C. S. Burgon, ship's-course indicator.
No. 24242.—W. P. Rough, carburetted-air manufacture.
No. 24244.—J. S. Douglas, trolley-pole controller.
No. 24247.—L. T. and E. F. Reichel, temperature-recorder from distance.
No. 24248.—L. T. and E. F. Reichel, temperature-recorder from distance.
No. 24249.—L. T. and E. F. Reichel, fire-alarm.
No. 24250.—P. A. and G. N. Bulmer, teat cup.
No. 24252.—J. Christophersen, corkscrew.
No. 24253.—W. H. Smith, siphon.
No. 24254.—C. Dahl, vacuum milking-machine.
No. 24257.—M. G. Newbould, electric tramway.
No. 24258.—E. C. Austin, spirit-level.
No. 24259.—M. Saunders, wave-motor.
No. 24260.—A. J. Park, picture-mount cutter.
No. 24261.—A. J. Park, plan, mount, &c., marker.
No. 24262.—A. C. Anderson, weight-indicator.

B

- No. 24264.—G. Westmoreland, spouting-bracket.
No. 24265.—R. A. O. Walter, envelope.
No. 24275.—D. W. Finlay, knife-sharpener.
No. 24279.—L. T. and E. F. Reichel, temperature-recorder.
No. 24280.—M. G. Newbould, electrical conductor out-off.
No. 24281.—M. Higgins, detecting escape of air from air-brake.
No. 24282.—P. Pickering, flooring-cramp.
No. 24284.—C. Suttie and M. H. Wynyard, fibre-cleanser.
No. 24286.—N. Guthridge, sizing-classifiers. (W. L. Card.)
No. 24287.—N. Guthridge, ore-screen. (H. S. King.)
No. 24288.—J. Meagher and A. W. Ellis, reinforced-concrete post.
No. 24296.—A. Rocard, reinforced-concrete pipe.
No. 24297.—E. C. Reynolds, room-occupancy indicator.
No. 24298.—J. T. Kibblewhite, window-sash.
No. 24315.—A. Gillies, teat-cup mouthpiece.
No. 24325.—United Shoe Machinery Company, boot and shoe manufacture. (R. F. McFeely.)
No. 24326.—United Shoe Machinery Company, boot and shoe manufacture. (R. F. McFeely.)
No. 24327.—United Shoe Machinery Company, shoe-upper lacing. (H. E. Enslin.)
No. 24328.—United Shoe Machinery Company, boot and shoe machine. (A. Bates.)
No. 24329.—United Shoe Machinery Company, fastener-insertor. (G. Goddu.)
No. 24330.—United Shoe Machinery Company, insole-machine. (J. Cavanagh, jun.)

(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 27th April to the 11th May, 1908, inclusive:—

- No. 20804.—A. F. Campbell, wearing-strip for threshing-machine concave.
No. 22275.—F. J. Shelton, acetylene-generator.
No. 22313.—F. Bailey and F. H. Jackson, clutching-device.
No. 22322.—J. Smart, ventilating-cover for drains.
No. 22326.—B. F. H. Dawson, candle-protector.
No. 22327.—B. W. White, spoon.
No. 22329.—G. Lowden, jun., tire-puncture prevention.
No. 22330.—D. and F. W. Smith, golosh.
No. 22355.—J. E. Williams, game.
No. 22376.—T. B. Brock, bag-filler.
No. 22428.—H. W. E. Josling, non-refill bottle.
No. 22440.—J. H. J. Bowater, castrating and docking appliance.
No. 22455.—Checkogram Limited, ticket-register, &c. (J. J. Stockall, jun.)
No. 22519.—T. and J. Bowrey, weighing and grading-machine.
No. 22568.—H. P. Pearson, straw-hat manufacture.
No. 22629.—International Cigar Machinery Company, cigar-machine. (O. Tyberg, W. S. Luckett, and M. Fogde.)
No. 22642.—L. and D. H. Burrell, jun., shaft-mounting. (M. L. Hoyt.)
No. 22650.—G. J. Browne and E. Toms, machine for making sheet metal piping.
No. 22655.—J. B. Davies and H. Bell, nail-making-machine.
No. 22801.—W. E. Hughes, carburetter. (L. B. de Laitte.)
No. 22873.—T. Gare, india-rubber goods.
No. 22874.—F. Russell, field-gate.
No. 22875.—J. Neren, A. M. Goldkuhl, and H. J. Josephson, sash-balance.
No. 22882.—T. E. Carter, sash lifting and locking appliance.
No. 22884.—G. W. Hopkins, acetylene blow-lamp.
No. 22886.—H. W. Lash, process of reducing iron-oxides.
No. 22887.—C. Chambers, jun., dough-mixing machine.
No. 22888.—C. Chambers, jun., process for mixing dough.
No. 22889.—T. C. Durham, razor.
No. 22918.—A. Petersson, method of charging electric furnace.
No. 22919.—A. Petersson, carbide-production.
No. 22943.—A. H. Børgstrom, butter-manufacture.
No. 22973.—W. E. Martin, swath-turner, &c.
No. 22974.—A. and W. J. Malden, consolidating ore materials.

No. 22975.—H. P. Lovatt, preventing flies from striking turnips.

No. 23010.—T. Winstanley, lime-sand brick manufacture.

No. 23023.—J. F. and W. P. Liernur, sewerage system.

No. 23111.—A. H. Borgström, pump for thick-liquid substances. (E. H. Anderson.)

No. 23112.—J. Ward, tar paving.

No. 23113.—W. E. Hughes, sheet-inverting apparatus for printing-machine. (Linotype and Machinery, Limited—T. M. Norton and T. R. G. Parker.)

No. 23150.—A. S. Francis, gas-burner.

No. 23200.—M. Wetzstein, block-machine. (F. A. Borst and J. Groscep.)

No. 23202.—D. H. Norris, ore-concentrator.

No. 23204.—B. Hall, gold and silver extraction.

No. 23205.—A. L. Johnson, corrugated bar.

No. 23231.—G. W. Beldam, engine, &c., packing.

No. 23233.—J. Gill, rotary engine.

No. 23234.—E. V. Gandil, milking-machine.

No. 23293.—L. C. Auldjo, packing-case for fruit.

No. 23321.—W. E. Reynolds and A. G. Tomkies, belt-fastener.

No. 23362.—J. B. Duckett, gas-burner.

No. 23381.—J. G. Coombs, phonograph, &c., diaphragm.

No. 23403.—J. R. Masson, antimony-recovery.

No. 23530.—A. E. Slipper and D. J. Smith, belt-fastener.

No. 23685.—W. P. Notcutt, file.

No. 23706.—E. H. Lawton, advertising-device.

No. 23740.—A. Linard, cycle pump.

No. 23743.—The Lewis Automatic Coupling Company, Limited, cycle-coupling. (A. Lewis.)

No. 23766.—J. Leahy, sheep-shearing machine. (J. W. Sutton.)

No. 23810.—J. W. Sutton, oil-lamp supply.

No. 23843.—J. N. Caught, marine, &c., engine.

No. 23862.—G. C. Chadwick, coal-loading, &c.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

NO. 17880.—J. Jamison, safety door for lifts. 2nd May, 1908.

No. 17897.—N. Guthridge, Limited, ore-concentrating table. (W. L. and F. S. Card.) 5th May, 1908.

No. 17961.—E. S. Baldwin and H. H. Rayward, producer-gas apparatus. (The Power and Mining Machinery Company—B. Loomis and H. Pettibone.) 12th May, 1908.

No. 17982.—F. C. Brown and S. D. McMiken, circulating and mixing crushed ore. 1st May, 1908.

No. 18021.—F. T. Page, shackle. 12th May, 1908.

THIRD-TERM FEES.

No. 13592.—Thomas Ballinger and Co., Limited, acetylene-gas generator. (E. Toms and A. C. Pocock.) 9th May, 1908.

No. 13593.—J. H. Kellogg, vegetable-food compounds. 29th April, 1908.

No. 13598.—G. J. Atkins, oxychloride salts and chlorine product on. 6th May, 1908.

No. 13630.—W. K. Baker and G. S. Baker, dough-moulding machine. (C. A. Thomson.) 29th April, 1908.

No. 13782.—The Warp Twisting-in Machine Company, automatic twisting-in machine. (W. E. Krey and A. Duppler—The Warp Twisting-in Machine Company.) 29th April, 1908.

Subsequent Proprietors of Letters Patent registered.

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

NO. 17314.—Wolsley Sheep-shearing Machine Company, Limited, of Sydney Works, Alma Street, in the City of Birmingham, England. Cream-separator. (M. Pedersen.) 8th May, 1908.

No. 19942.—Automatic Filters, Limited, having its registered office at 13 to 15 Broad Street House, London, England. Water-filtering apparatus. (J. C. Barker.) 7th May, 1908.

No. 21462.—The Vivian Briquette and Coal Company, Limited, a duly registered company, having its registered office in Johnston Street, Wellington, New Zealand. Artificial-fuel manufacture. (A. W. H. Vivian—E. Wood.) 5th May, 1908.

Notice of Request to amend Specification.

Patent Office,

Wellington, 13th May, 1908.

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

No. 18710.—Robert Louis Howell Murray, of 193 Karangahape Road, Auckland, New Zealand, electrician. Improvements in acetylene-gas generators. (Advertised in Supplement to *New Zealand Gazette*, No. 6, of 26th January, 1905.)

The nature of the proposed amendment is as follows:—

1. On line 8, page 3, after the word "escape," to add the words "up to any height desired."

2. Immediately before the preamble to the claims, to insert the following paragraph:—

"The construction of the water-supply pipe specified, combined with the independent gas-conduit pipe, avoids the necessity of making two or more joints in the generating-chamber, and prevents any interference with the free exit of gas into the gas-holder from any other generating-chamber of acetylene-gas generators."

3. In the first claim, to strike out everything after the word "mechanism," and to insert instead the words "for the purpose set forth, as described and illustrated."

4. In the second claim, after the word "support," to strike out the words "up to any height desired," and after the word "air" to add the words "for the purpose set forth, as described and illustrated."

The applicant states: "The reason for amendment is so as to more clearly indicate the character of the invention."

J. C. LEWIS,

Registrar of Patents.

Requests to amend Specifications allowed.

THE requests to amend the following Specifications have been allowed:—

No. 21867.—Crawford and Tattersall (advertised in Supplement to *New Zealand Gazette*, No. 21, of the 19th March, 1908).

No. 22374.—Preston (including drawings), (advertised in Supplement to *New Zealand Gazette*, No. 105, of the 12th December, 1907).

No. 24016.—Tyree (advertised in Supplement to *New Zealand Gazette*, No. 17, of the 5th March, 1908).

Requests for Correction of Clerical Errors in Applications for Letters Patent.

NO. 24014.—Hunter. Typographical composing and distributing machine. (Linotype and Machinery, Limited.) (Advertised in Supplement to *New Zealand Gazette*, No. 21, of the 19th March, 1908.)

(1.) To alter "by" to "be," line 24, page 4, of specification.

(2.) To alter "erecting" to "effecting," line 8, page 9, of specification.

No. 24015.—Hunter. Linotype machine. (Linotype and Machinery, Limited.) (Advertised in Supplement to *New Zealand Gazette*, No. 21, of the 19th March, 1908.)

(1.) To insert "more" after "or," line 1, page 9, of specification.

(2.) To alter "therin" to "therein," line 12, page 9, of specification.

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 28th April to the 11th May, 1908, inclusive:—

No. 23065.—W. H. Bird, cover for motor-car tire.

No. 23068.—J. Y. Dixon, gate-latch.

No. 23070.—N. Bouzaid, envelope.

No. 23074.—J. R. Masson, antimony recovery.

No. 23076.—F. A. Robinson, garden-peg.

No. 23077.—J. W. Compton, seed-sower.

- No. 23081.—D. Jackman, window-fastener.
 No. 23085.—E. H. Friend, pump.
 No. 23086.—R. P. Park, lid for tins, &c.
 No. 23088.—J. Salinger, lift-door.
 No. 23098.—D. Elder, agricultural machine.
 No. 23094.—H. Jones, harvesting, &c., machine.
 No. 23096.—W. Grant, pin.
 No. 23097.—T. Harcourt, prospecting-dish.
 No. 23098.—D. Brigham and G. Rainey, gold saving.
 No. 23099.—E. Christie, tent.
 No. 23101.—J. W. Butterworth, fire-alarm.
 No. 23115.—Humphries Patent Bracket and Scaffolding Company, Limited, scaffolding. (P. Pickering.)
 No. 23117.—P. Browne, sights for guns.
 No. 23118.—J. H. Adams, checking skidding of locomotives.
 No. 23119.—J. D. Kelly and T. Taylor, delivering liquids from bottles.
 No. 23123.—W. Andrews, stamping-appliance.
 No. 23125.—F. W. Everett, ticket-holder.
 No. 23126.—H. G. Bedell, toe-clip finder.
 No. 23127.—J. S. Nicholson, friction-clutch fittings.
 No. 23130.—J. Burns, boring-tool.
 No. 23131.—R. T. Bush, gold-saving ripple.

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 28th April to the 12th May, 1908, inclusive:—
 No. 22366.—W. J. Dibdin and H. C. Woltereck, illuminating and heating gas.
 No. 22400.—J. E. Henry, pneumatic tire.
 No. 22412.—H. Parsons, tire-skidding preventing.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 28th April to the 12th May, 1908, inclusive:—
 No. 22014.—A. L. Kemp, wharf-construction.
 No. 22016.—W. R. Eade, disc-coulter.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 29th April to the 12th May, 1908, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 17499.—C. Turchi, telegraph and telephone.
 No. 17501.—G. Chewings, fencing-staple.
 No. 17508.—J. R. Thomson, heat-circulator for steam-boiler.
 No. 17512.—W. Hoyland, couch.
 No. 17516.—J. P. Lajore, carbonic-acid motor.
 No. 17519.—G. Dennis, jun., raking material from sluice-boxes.
 No. 17521.—C. Simmons, rock-drill.
 No. 17522.—A. W. Bickerton, paper shelter.
 No. 17523.—J. Booth and A. E. Budd, machinery-beltting.
 No. 17528.—Hygienic Soap Granulator Company, Limited, soap-granulator. (R. W. Cavenaugh).
 No. 17529.—I. M. Smith, culinary utensil.
 No. 17536.—J. Irvin, tide-chart.
 No. 17539.—I. and F. A. Whitehouse, cock or tap valve.
 No. 17541.—C. S. Hawkeswood, roofing-tile.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 13347.—T. C. Bayldon, timber-preserving.
 No. 13369.—D. Donald, lifting-jack.
 No. 13378.—I. S. and I. McDougall, sheep-dip.
 No. 13379.—The General Cement Company, Limited, cement-production. (H. Passow).
 No. 13385.—F. G. M. Brittin, gold-saving apparatus. (F. G. M. Brittin, O. Magnus, and W. Le Cren.)

THROUGH EXPIRY OF TERM.

- No. 6813.—O. B. H. Hanneborg, ditching and tile laying machine.

Designs registered.

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

No. 382.—Regal Shoe Company, a corporation organized under the laws of the State of Maine, and having a place of business at No. 109 Summer Street, Boston, Massachusetts, United States of America. Class 1. 30th April, 1908.

No. 383.—The Carrara Ceiling Company, Limited, of Wellington South, in the Dominion of New Zealand, Patentees and Manufacturers of "Stuccolin" Work and Importers of Laths and Plaster. Class 3. 5th May, 1908.

Design expired.

THE copyright in the following design has expired:—

No. 179.—Stewart Dawson and Co., of Wellington, New Zealand. (Ring.)

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 13th May, 1908.

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: 6900.
Date: 28th August, 1907.

TRADE MARK.

V.S. NICKEL

The applicants claim that the said trade mark has been used by them for five years prior to the 1st day of January, 1890.

NAME.

JOHN DEWSBURY AND SON, of No. 4 Littleton Street, Walsall, England, Manufacturers.

No. of class: 14.

Description of goods: Bridle-bits, stirrups, spurs, and harness furniture, and golf-clubs of precious metal or imitation of precious metal.

No. of application: 7067.
Date: 12th December, 1907.

TRADE MARK.

DY-O-LA

NAME.

THE JOHNSON-RICHARDSON COMPANY, LIMITED, a body corporate established under the laws of the Dominion of Canada, and having its headquarters at No. 74 St. Antoine Street, in the City of Montreal, Province of Quebec, Dominion of Canada.

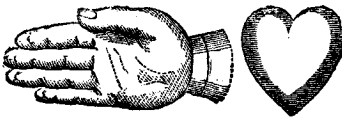
No. of class: 1.

Description of goods: Mineral dyes, dyestuffs, stains, and colouring-matter.

No. of application: 7126.

Date: 16th January, 1908.

TRADE MARK.



NAME.

SAMUEL OSBORN AND Co., LIMITED, of Clyde Steelworks, Sheffield, England, Manufacturers.

No. of class: 13.

Description of goods: Hammers, anvils, vices, hoes, spades, shovels, picks; hay, digging, and manure forks; spanners, wrenches, engineers' and other tools; and metal goods generally not having a cutting-edge and not included in other classes.

(By consent.)

No. of application: 7171.

Date: 5th February, 1908.

TRADE MARK.

The word

Melodant

NAME.

THE WILCOX AND WHITE COMPANY, a corporation of the State of Connecticut, United States of America, and having a place of business in the City of Meriden, State of Connecticut, United States of America.

No. of class: 9.

Description of goods: Automatic music-playing instruments and music-rolls therefor.

No. of application: 7260.

Date: 7th April, 1908.

TRADE MARK.



The essential particulars of this trade mark are the device showing a figure of Captain Cook in the centre thereof and the words "Captain Cook"; and applicants disclaim any

right to the exclusive use of the added matter with the word "Imperial" included therein, save and except their name and address.

NAME.

HANCOCK AND Co. (NEW ZEALAND), LIMITED, registered office, 48 Gresham Street, London, England, and of Auckland, in the Dominion of New Zealand, Brewers, Maltsters, and Wine and Spirit Merchants.

No. of class: 45.

Description of goods: Tobacco, whether manufactured or unmanufactured, and including cigars and cigarettes or other made-up tobacco.

No. of application: 7287.

Date: 29th April, 1908.

TRADE MARK.

The word

"BAKER'S."

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since the year 1836.

NAME.

WALTER BAKER AND Co., LIMITED, a corporation duly organized under the laws of the State of Massachusetts, and located in the City of Boston, County of Suffolk, in said State, and doing business at No. 45 Broad Street, in said City of Boston, Massachusetts, United States of America, Manufacturers.

No. of class: 42.

Description of goods: Cocoa, chocolate, Broma, and cocoa preparations.

No. of application: 7289.

Date: 29th April, 1908.

TRADE MARK.

The word

"CONQUEROR."

NAME.

HAYMAN AND Co., of 3 Coleman Street, London, E.C., England, Merchants.

No. of class: 14.

Description of goods: All goods included in this class (including spoons and forks).

[NOTE.—Class 14 is for "Goods of precious metals (including aluminium, nickel, Britannia metal, &c.) and jewellery, and imitations of such goods and jewellery—such as plate, clock-cases, and pencil-cases of such metals, Sheffield and other plated goods, gilt and ormolu work."]

No. of application: 7290.

Date: 29th April, 1908.

TRADE MARK.

The words

"TENA KOE."

NAME.

ANGUS ARCHER, of National Hotel, Wellington, in the Dominion of New Zealand, and FREDERICK FORD POWELL, of 220 Tinakori Road, Wellington aforesaid.

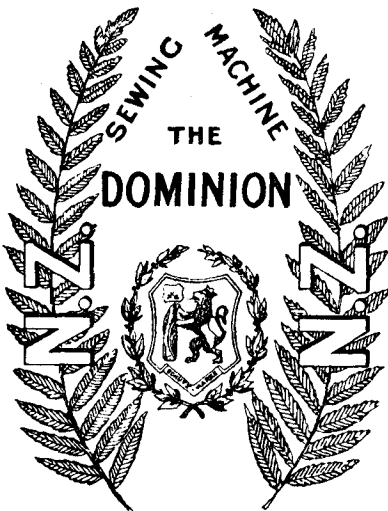
No. of class : 48.

Description of goods : Tooth-powder.

No. of application : 7293.

Date : 29th April, 1908.

TRADE MARK.



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

NAME.

ROBERT ELLIS, of 71 Chapman Street, North Melbourne, Victoria, Commonwealth of Australia, Sewing-machine Mechanic.

No. of class : 6.

Description of goods : Sewing-machines.

No. of application : 7294.

Date : 29th April, 1908.

TRADE MARK.

The word

“Z A - Z A H .”

NAME.

C. BEGG AND Co., LIMITED, of Dunedin, in the Dominion of New Zealand.

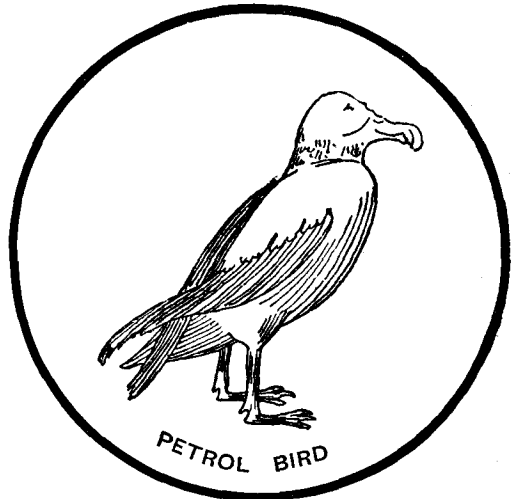
No. of class : 9.

Description of goods : Musical instruments.

No. of application : 7297.

Date : 30th April, 1908.

TRADE MARK.



The essential particular of this trade mark is the device and the word "Petrol"; and any right to the exclusive use of the word "Bird" is disclaimed.

NAME.

PETROLITE LIMITED, of No. 106 York Road, Lambeth, England.

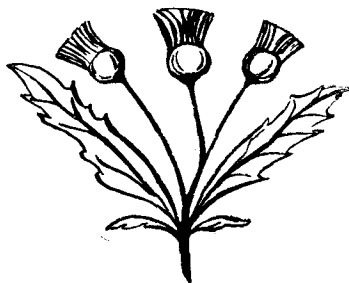
No. of class : 13.

Description of goods : Appliances for illuminating purposes not included in other classes.

No. of application : 7298.

Date : 30th April, 1908.

TRADE MARK.



THISTLE.

NAME.

THE BRITISH OIL AND CAKE MILLS, LIMITED, Pearson, Beckett, and Co., Branch, Glasgow, Scotland, and London, England.

No. of class : 2.

Description of goods : Linseed-oil and linseed-oil cake.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 27th April to the 11th May, 1908, inclusive:—

- No. 5615/6959.—A. J. White, Limited. Class 3. (*Gazette* No. 10, of the 6th February, 1908.)
 No. 5616/6960.—A. J. White, Limited. Class 3. (*Gazette* No. 10, of the 6th February, 1908.)
 No. 5617/6548.—The Colonial Ammunition Company, Limited. Class 19. (*Gazette* No. 33, of the 4th April, 1907.)
 No. 5618/6917.—J. Morris. Class 38. (*Gazette* No. 2, of the 9th January, 1908.)
 No. 5619/7122.—F. Kufake. Class 3. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5620/7165.—Perks, Dane, and Company Proprietary, Limited. Class 1. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5621/7167.—The National Air Gas Company, Limited. Class 18. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5622/7168.—The National Air Gas Company, Limited. Class 50. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5623/7180.—Union Clothing Company. Class 38. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5624/6699.—Plymel Enamel Company, Limited. Class 1. (*Gazette* No. 62, of the 11th July, 1907.)
 No. 5625/7137.—Hoyles Prints, Limited. Class 24. (*Gazette* No. 10, of the 6th February, 1908.)
 No. 5626/7098.—Hancock and Co. (New Zealand), Limited. Class 15. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5627/7116.—Fabbrica Italiana Automobile Torino. Class 22. (*Gazette* No. 7, of the 23rd February, 1908.)
 No. 5628/7151.—Hancock and Co. (New Zealand), Limited. Class 43. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5629/6572.—The Mount Lyell Mining and Railway Company, Limited. Class 2. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5630/6623.—Columbia Phonograph Company, Gen'l. Class 8. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5631/6555.—F. Feustell, Nfl. Class 3. (*Gazette* No. 75, of the 22nd August, 1907.)
 No. 5632/6650.—Baldwins Limited. Class 5. (*Gazette* No. 95, of the 31st October, 1907.)
 No. 5633/6651.—Baldwins Limited. Class 5. (*Gazette* No. 95, of the 31st October, 1907.)
 No. 5634/6652.—Baldwins Limited. Class 5. (*Gazette* No. 95, of the 31st October, 1907.)
 No. 5635/6673.—Atkins Bros. Class 38. (*Gazette* No. 102, of the 28th November, 1907.)
 No. 5636/6674.—De Stearine Kaarsenfabriek Gouda. Class 47. (*Gazette* No. 105, of the 12th December, 1907.)
 No. 5637/7196.—F. H. Galloway. Class 3. (*Gazette* No. 17, of the 5th March, 1908.)
 No. 5638/6141.—S. Sigall and Co. Class 45. (*Gazette* No. 77, of the 6th September, 1906.)
 No. 5639/7133.—Lipton Limited. Class 42. (*Gazette* No. 10, of the 6th February, 1908.)
 No. 5640/7134.—Lipton Limited. Class 42. (*Gazette* No. 10, of the 6th February, 1908.)
 No. 5641/7205.—Dainties Limited. Class 42. (*Gazette* No. 17, of the 5th March, 1908.)

Trade Mark Renewal Fees paid.

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

- No. 1100/878.—12th April, 1908.—P. Hayman and Co., Dunedin, New Zealand. 6th May, 1908.
 No. 1119/856.—5th May, 1908.—Joseph Nathan and Co., Wellington, New Zealand. 5th May, 1908.
 Nos. 1123, 1124, and 1125/974, 975, and 976.—9th May, 1908.—Alexander Durie, Dunedin, New Zealand. 7th May, 1908.

No. 1218/1001.—30th August, 1908.—Fownes Bros. and Co., London, England. 6th May, 1908.
 Nos. 1238, 1239, and 1240/1159, 1160, and 1161.—12th September, 1908.—The Christchurch Meat Company, Limited, Christchurch, New Zealand. 5th May, 1908.

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 29th April to the 12th May, 1908, inclusive:—

- No. 1023/868.—29th January, 1894.—The Auckland Fruit-growers' Union, Auckland, New Zealand. Class 42.
 No. 1030/783.—29th January, 1894.—J. Llewellyn, Ashhurst, New Zealand. Class 3.
 No. 1031/771.—30th January, 1894.—N. Andersen, Rangiora, New Zealand. Class 42.
 No. 1032/840.—6th February, 1894.—J. Greenhill, New Plymouth, New Zealand. Class 42.
 No. 1033/790.—5th February, 1894.—Robbins and Pierard, Hawera, New Zealand. Class 42.
 No. 1034/798.—5th February, 1894.—G. Watt and J. Hally, Cambridge, New Zealand. Class 42.
 No. 1036/796.—5th February, 1894.—Holdsworth, Macpherson, and Co., Dunedin, New Zealand. Class 47.
 No. 1041/929.—5th February, 1894.—Shennan and Thomson, Berwick, New Zealand. Class 42.
 No. 1043/942.—8th February, 1894.—J. Vangioni, Akaroa, New Zealand. Class 42.
 No. 1044/786.—8th February, 1894.—J. Berry, Wellington, New Zealand. Class 47.
 No. 1046/793.—9th February, 1894.—B. Birnbaum and Son, Limited, Wellington, New Zealand. Class 38.

Subsequent Proprietor of Trade Mark registered.

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

NO. 1164/919.—Westinghouse Brake Company of Australasia, Limited. (Westinghouse Brake Company, Limited.) 11th May, 1908.

Request for Amendment of Trade Mark Application allowed.

THE request to amend the statement of goods in trade mark application No. 6856 (advertised in Supplement to *New Zealand Gazette*, No. 21, of the 19th March, 1908) has been allowed.

Advertisements.

ADVERTISEMENTS are charged at the rate of 6d. per line for the first insertion, and 3d. per line for the second and any subsequent insertion.

All advertisements should be written on one side of the paper, and signatures, &c., should be written in a legible hand.

The number of insertions required must be written across the face of the advertisement.

Communications should be addressed to the Government Printer, Wellington, to whom post-office money-orders should be made payable. Cheques should be crossed "Public a/c," and exchange added.

Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

Prepayment may be demanded in any case. In order to prevent delay in publication a sufficient remittance should accompany every advertisement. Any surplus will be returned with receipted account.

By Authority: JOHN MACKEY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

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

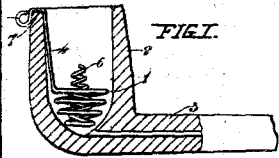


FIG. 1.

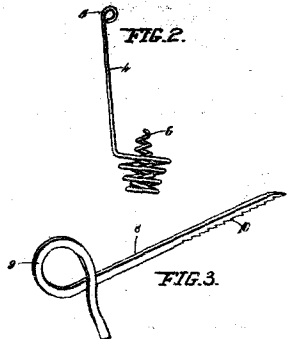


FIG. 2.

FIG. 3.

22449
Amesbury. Tobacco-pipe.

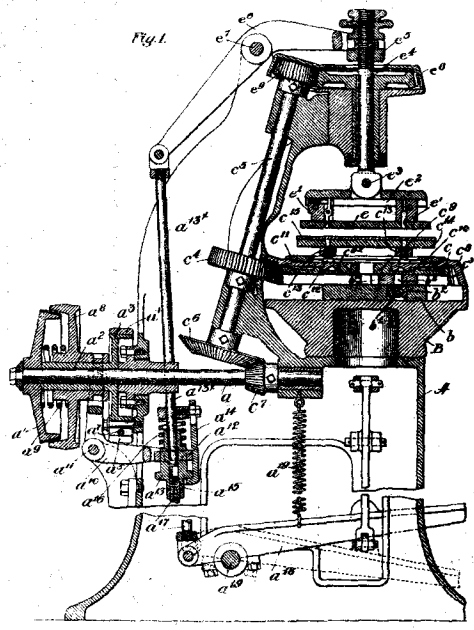


Fig. 1.

22927

Manufacturers' Machine Co. Sole-rounding Machine. (Heys.)

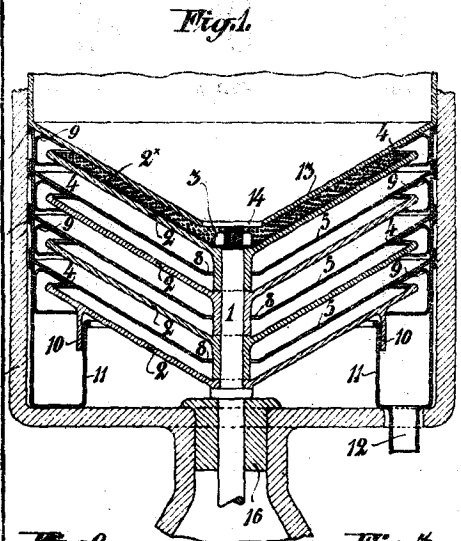
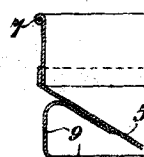


Fig. 1.

Fig. 2.

Fig. 3.



24229
Borgstrom. Butter Manufacture.

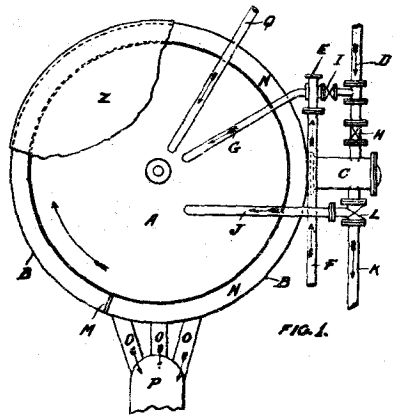


FIG. 1.

22881
Richardson and Scott. Washing Hemp, &c.

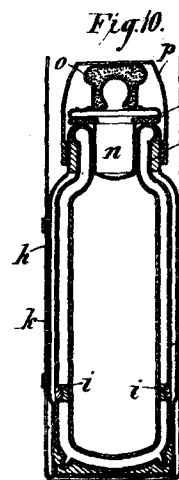


Fig. 10.

Fig. 1.

Fig. 3.

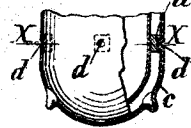
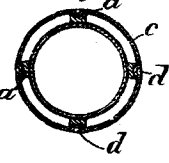


Fig. 4.



23022
Burger. Double-walled Vessel.

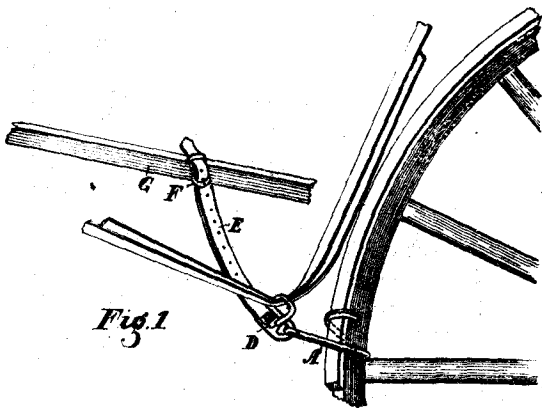


Fig. 1.

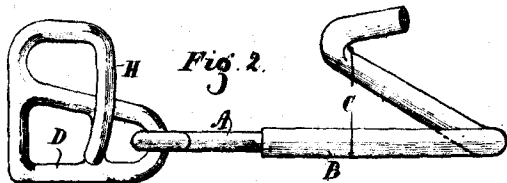


Fig. 2.

23031
Hobbs and Jewell. Runaway-preventer.

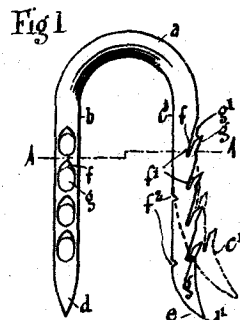


Fig. 1.

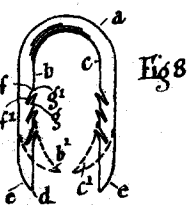


Fig. 8.

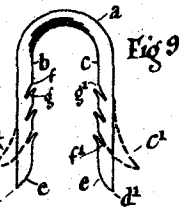


Fig. 9.

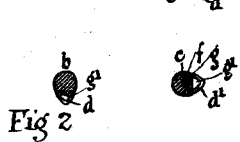


Fig. 2.

23152
Callow. Staple.

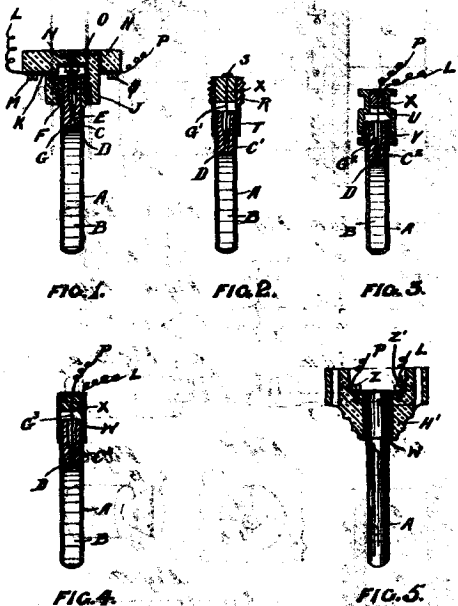


FIG. 1. FIG. 2. FIG. 3. FIG. 4. FIG. 5.

23647
Butterworth. Fire-alarm.

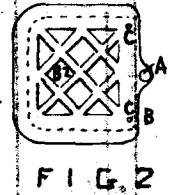
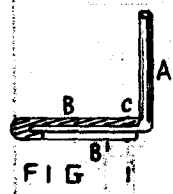
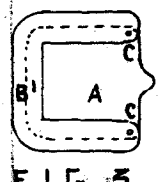


FIG. 1. FIG. 2. FIG. 3.

24091
Morris. Vehicle-step.

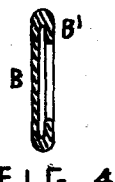
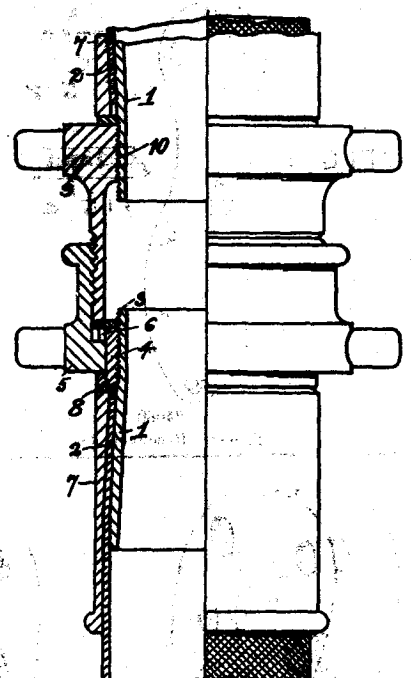
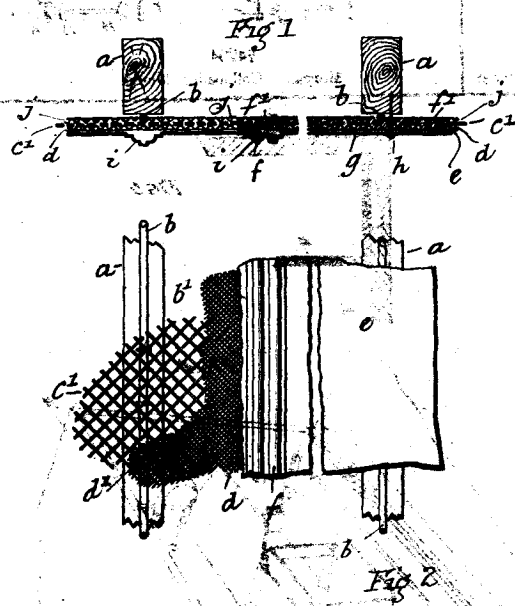


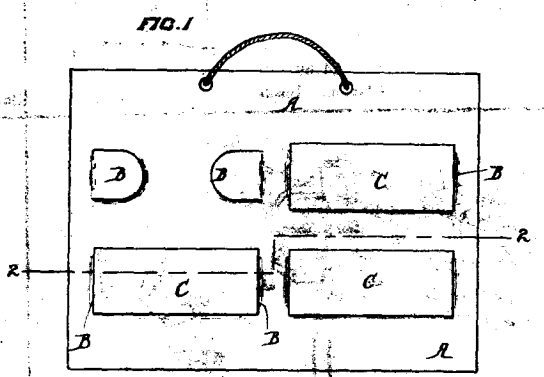
FIG. 4.



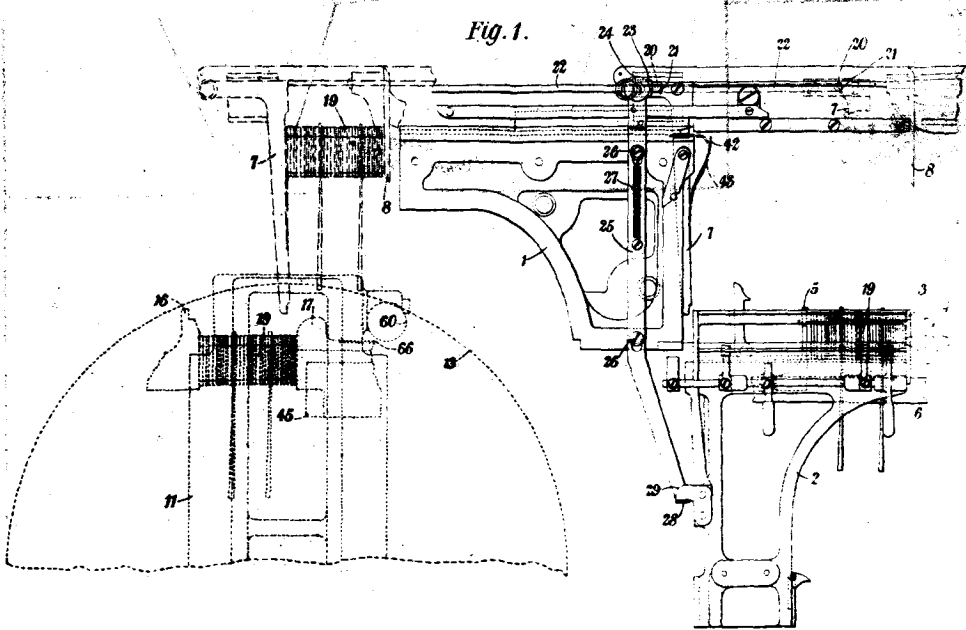
24147
Mulligan. Hose-coupling. (White.)



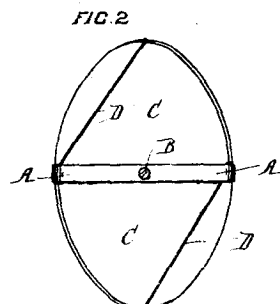
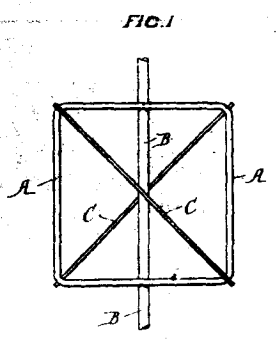
23943
Coombs. Plaster Ceiling.



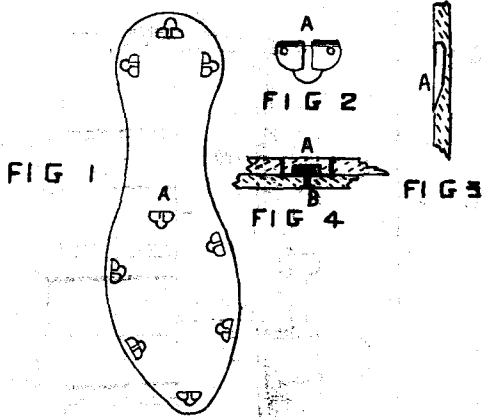
23225
Book. Advertising device.



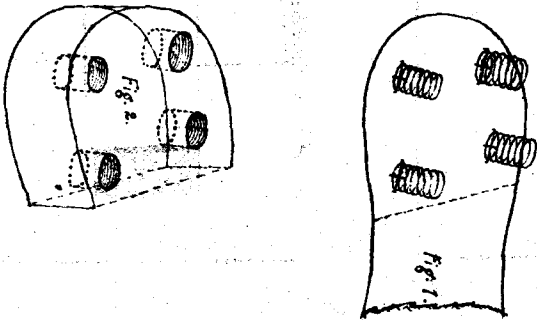
24198
Hunter. Typographical Composing-machine. (Linotype and Machinery, Ltd.—Woodroffe, Pearce, and Billington.)



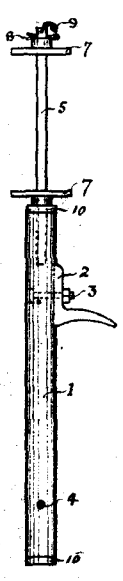
23052
Jackson and Pierce. Windmill.



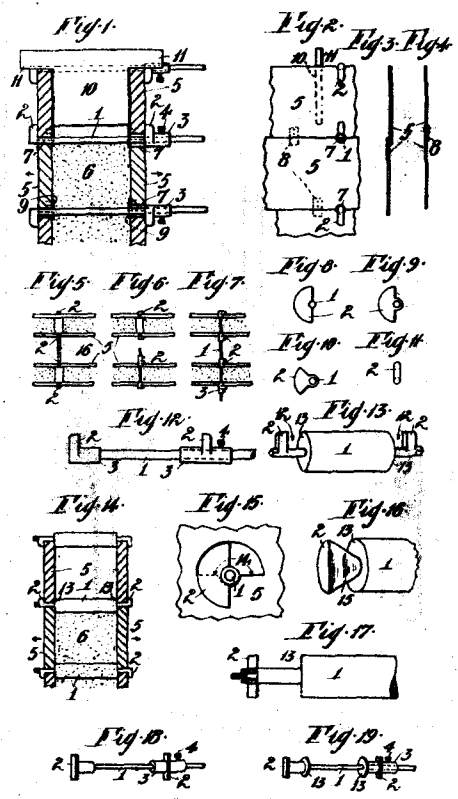
24060 Bennet. Renewable Sole.



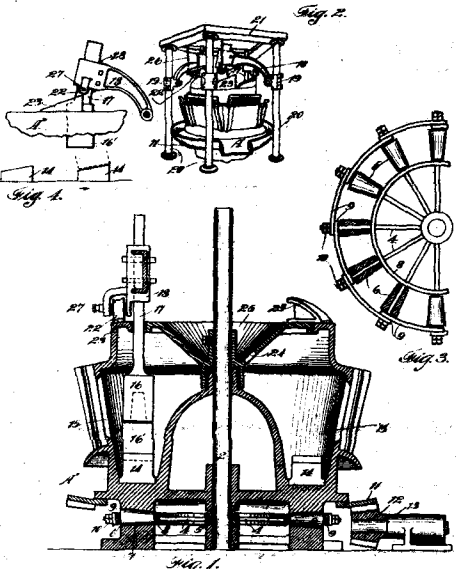
24169 Clayton. Insole.



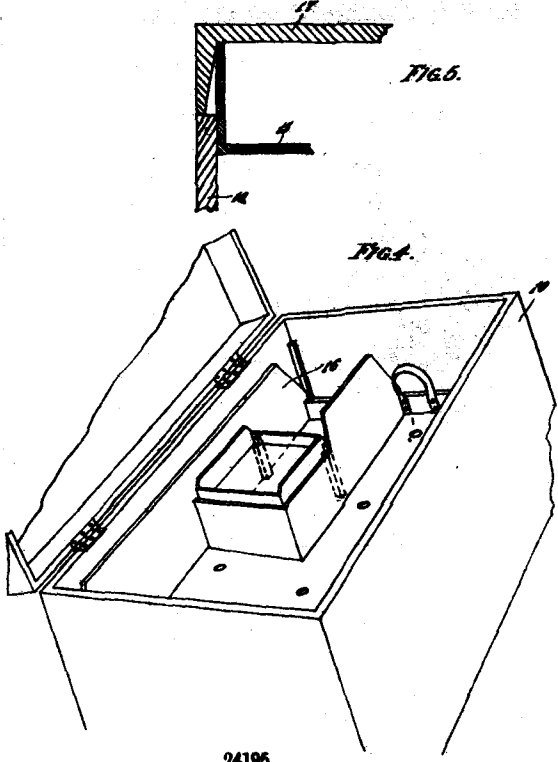
22890 Kendrick. Barbed-wire Unwinder.



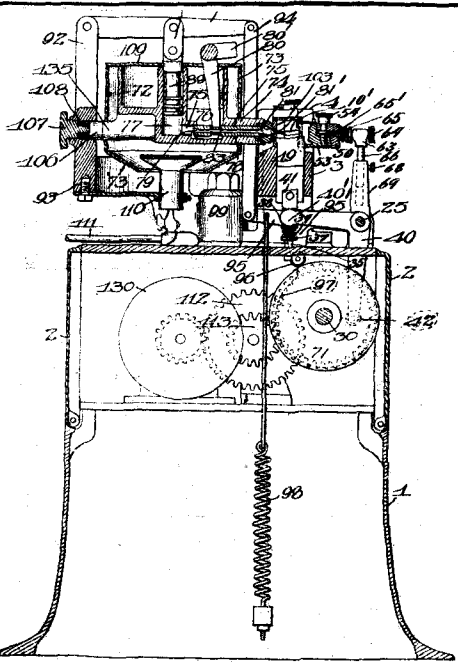
24204 Morgan. Collapsible Mould.



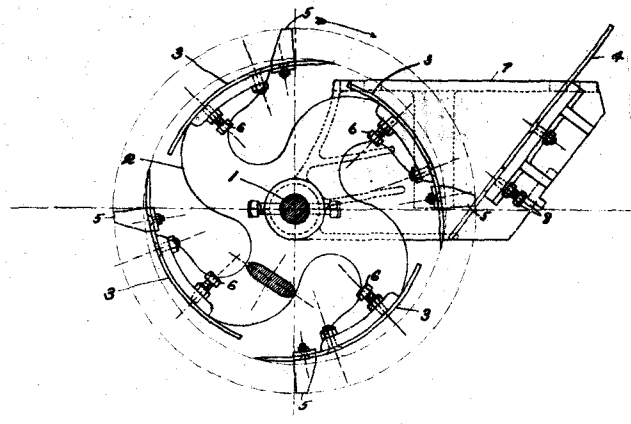
23606 Western Mill and Machine Co. Stamp. &c. (Richards.)



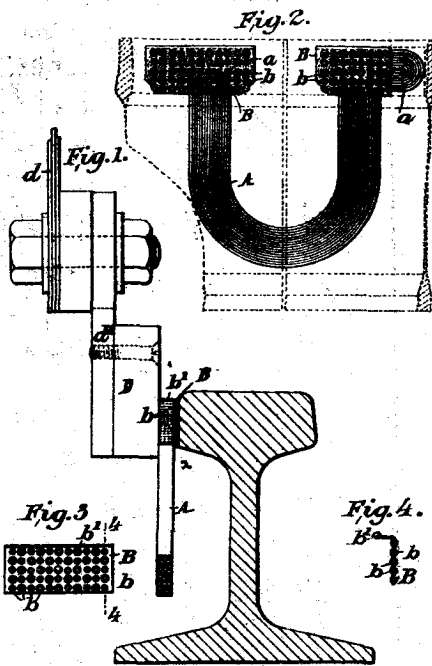
24196 Pearce. Trunk.



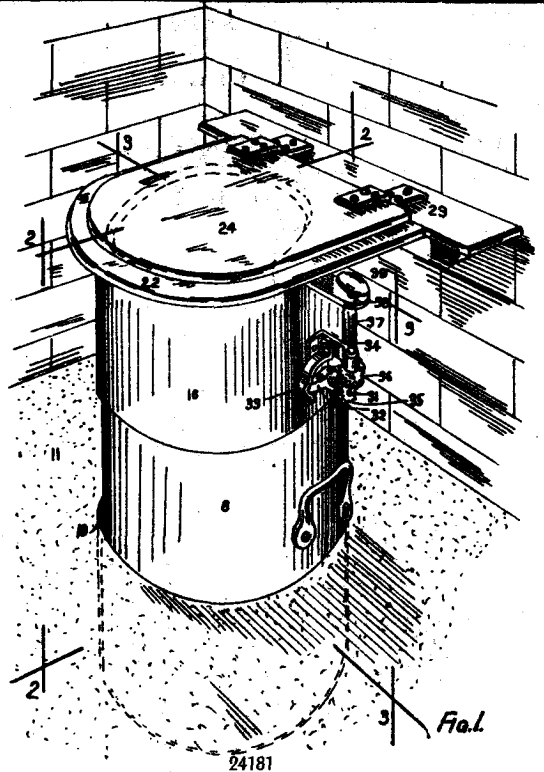
24223 Thompson Type Machine Co. Type-casting Machine. (Thompson.)



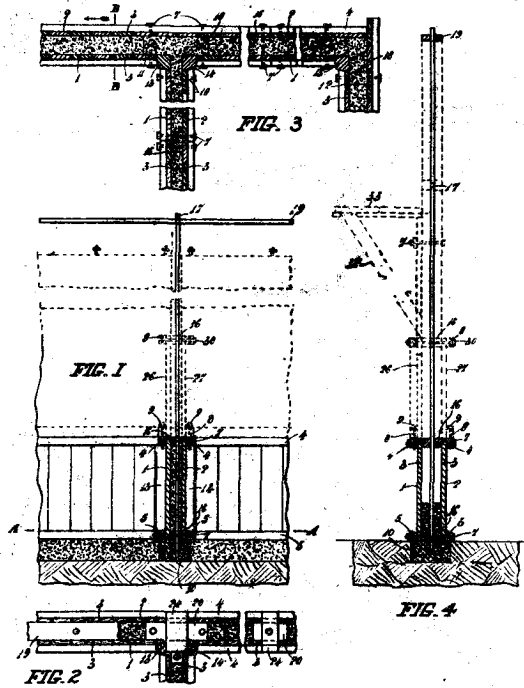
23275 P. and D. Duncan, Ltd. Turnip-cutter. (Keir.)



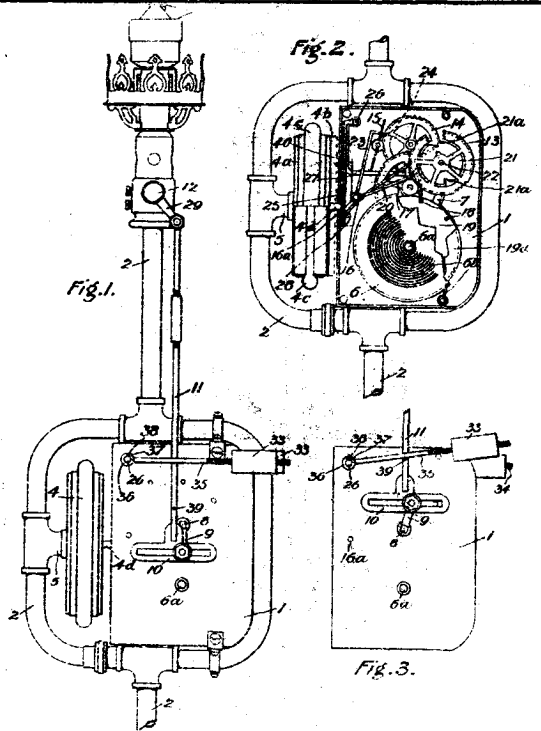
24174
Hunter. Metal-welding. (Electric Railway Improvement Co.)



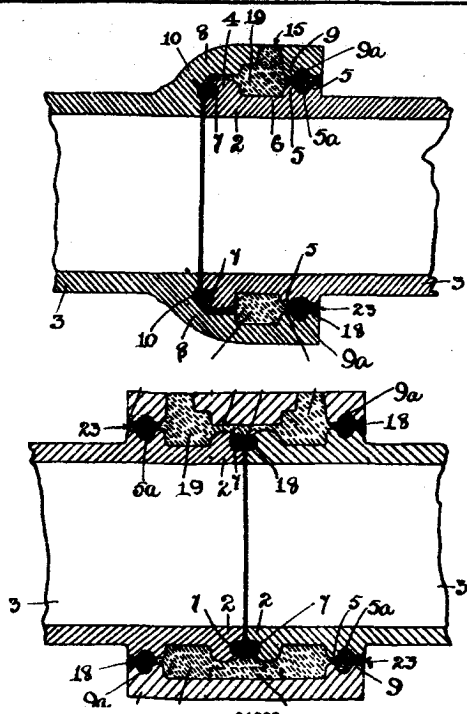
24181
Farmer. Closet.



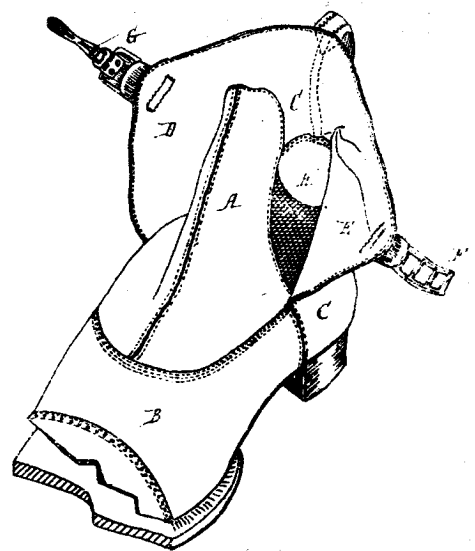
24185
Wilson. Ferro-concrete Structure.



24241
Hobson. Gas Lighter and Extinguisher.



24203
Yarrow and Co. (Bolton), Ltd. Pipe-joint. (Yarrow.)



24186
Von Rome. Boot-upper.