

Patents, Designs, and Trade Marks

SUPPLEMENT

NEW ZEALAND GAZETTE

TO THE

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CONTENTS.

	Page
Complete Specifications and Drawings open to Inspection	2641
International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks ..	2642
Patent Publications in New Zealand	2642
Books and Documents open to Inspection at Patent Office, Wellington	2642
Official Publications	2643
Local Patent Offices	2643
Erratum	2643
Applications for Letters Patent filed	2643
Complete Specifications filed after Provisionals	2644
Complete Specifications accepted	2644
Provisional Specifications accepted	2649
Letters Patent sealed	2649
Letters Patent on which Fees have been paid	2649
Subsequent Proprietor of Letters Patent registered ..	2649
Applications for Letters Patent abandoned	2650
Applications for Letters Patent void	2650
Applications for Letters Patent lapsed	2650
Letters Patent void	2650
Design registered	2650
Design expired	2650
Applications for Registration of Trade Marks	2650
Trade Marks registered	2654
Subsequent Proprietors of Trade Marks registered ..	2654
Trade Mark Renewal Fees paid	2654
Trade Marks removed from the Register	2654
Notice <i>re</i> Advertisements	2654

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

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

LOCAL PATENT OFFICES
IN THE
SUPREME COURT BUILDINGS

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

Auckland.

Gazette No. 79, of the 15th October. 21st October to 4th November, inclusive.

Dunedin.

Gazette No. 79, of the 15th October. 11th November to 25th November, inclusive.

Gazette No. 75, of the 1st October. 27th October to 10th November, inclusive.

Gazette No. 72, of the 17th September. 13th October to 27th October, inclusive.

Christchurch.

Gazette No. 79, of the 15th October. 1st December to 15th December, inclusive.

Gazette No. 75, of the 1st October. 14th November to 28th November, inclusive.

Gazette No. 72, of the 17th September. 31st October to 24th November, inclusive.

Gazette No. 69, of the 3rd September. 17th October to 31st October, inclusive.

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

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

INTERNATIONAL CONVENTION.

THE following countries now belong to the Convention:—

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

* Trade marks only.

Separate arrangements have been made between Australia and New Zealand.

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

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

Patent Publications in New Zealand.

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

WELLINGTON.—PATENT OFFICE LIBRARY.

United Kingdom.

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 11th June, 1908.

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

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

Index of Applicants.

Subject-matter Index.

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

Trade Marks Journal to May, 1908.

Canada.

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

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January, 1906, to the 18th February, 1908, inclusive.

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

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

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

United States.

The full text of the specifications and drawings for the year 1905.

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

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

(a) Discontinued.

(b) In arrears. Not now being printed.

General.

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

Patent laws of the world.

Patent and Trade Mark Review.

Text-books and handbooks on patents and trade marks.

AUCKLAND.—PUBLIC LIBRARY.

United Kingdom.

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

Canada.

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

Australia.

The Official Journal of Patents from 1905 to date.

United States.

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

CHRISTCHURCH.—PUBLIC LIBRARY.

United Kingdom.

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

Canada.

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

Australia.

The Official Journal of Patents from 1905 to date.

DUNEDIN.—TOWN HALL.

United Kingdom.

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

Australia.

The Official Journal of Patents from 1905 to date.

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

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

PATENTS.

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

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

DESIGNS.

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

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

(a) Key is in card index.

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

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

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

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

TRADE MARKS.

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

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

MISCELLANEOUS.

Register of Patent Agents.

FORMS AND PUBLICATIONS.

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

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

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

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

Official Publications.

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

- Printed specifications to the end of the year 1879.
- Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1893 inclusive. (The lists for the last four of these years are contained in the *Annual Reports of the Registrar*.)
- Annual reports of the Registrar, containing alphabetical indexes of applicants for letters patent and of subject-matter of inventions patented from 1894 to 1906 inclusive.
- The Patents Supplement to *Gazette* (containing notifications, applications for letters patent, abridged descriptions and drawings of inventions, &c.), published fortnightly.

Local Patent Offices.

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

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

Erratum.

N O. 24483.—4th June, 1908.—STEPHEN MATHIAS SMITH, of 307 Washington Street, Boise, Ada, Idaho, United States of America. Improvements in the methods of treating ores.

[The drawing relating to the above application is now published. The claims have been printed in *Gazette* No. 58, of the 23rd July, 1908.]

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. 24981.—24th September.—C. Grant, Hamilton, N.Z.
Tine and chain harrow.
- No. 24982.—25th September.—W. J. L. Sandy, London, Eng.
Electrolyte for battery.
- No. 24983.—29th September.—A. C. V. Torr, Ruawai, N.Z.
Clothes-peg.
- No. 24984.—28th September.—E. Moss, Christchurch, N.Z.
Fire-alarm.
- No. 24985.—29th September.—W. Church, Northampton, Eng.
Bootmakers' measure.
- No. 24986.—29th September.—W. Church, Northampton, Eng.
Device for measuring feet-last, &c.
- No. 24987.—29th September.—A. Morrison, Dunedin, N.Z.
Stern-tube of steamer.
- No. 24988.—29th September.—T. I. Yourelle and J. Bellingham, Wellington, N.Z.
Facing and lining plates of ferro-concrete construction.
- No. 24989.—30th September.—A. Parker and A. G. Hume, Wellington, N.Z.
Machine for printing and making tag-labels.
- No. 24990.—30th September.—C. W. Penny, Te Akatea, N.Z.
Dray-loading apparatus.
- No. 24991.—30th September.—F. H. Mander, Whakapara, N.Z.
Spacing the saws of saw-frames.
- No. 24992.—30th September.—W. E. Garey, Auckland, N.Z.
Electric-lamp holder.
- No. 24993.—30th September.—W. W. Gundrie, Taihape, N.Z.
Wire handle for buckets.
- No. 24994.—1st October.—C. W. Merrill, Alameda, U.S.A.
Recovering valuable material from solutions.
- No. 24995.—1st October.—J. A. Rollo, Christchurch, N.Z.
Oil can.
- No. 24996.—1st October.—R. J. Waters, Blenheim, N.Z.
Fastening fencing-wires to standards.
- No. 24997.—1st October.—G. Finn, Khandallah, N.Z.
Combined letter and envelope form.
- No. 24998.—1st October, M. Herrick, Weraoia, N.Z.
Supporting milk-cooling appliance.
- No. 24999.—29th September.—A. H. Wright, W. Morton, and J. Hercus, Dunedin, N.Z.
Protection-lock.
- No. 25000.—29th September.—H. Winterburn, Greymouth, N.Z.
Cooking-oven.
- No. 25001.—28th September.—A. H. Wright, Dunedin, N.Z.
Telephone-list or advertising display-sheet.
- No. 25002.—2nd October.—H. C. Thomsen, Waingawa, N.Z.
Cooksfoot-thresher and seed-fanner.
- No. 25003.—30th September.—A. Bunting, Beeac, Vic.
Milking-apparatus.
- No. 25004.—30th September.—A. Horman, Invercargill, N.Z.
Artificial minnow.
- No. 25005.—30th September.—H. S. Spackman, Engineering Company, Philadelphia, U.S.A.
Cement-manufacture. (*H. S. Spackman and E. W. Lazell.*)
- No. 25006.—2nd October.—H. R. Smith, Christchurch, N.Z.
Force-pump.
- No. 25007.—2nd October.—Lamb and Todd, Limited, Wellington, N.Z.
Displaying and storing apparatus for lace curtains. (*T. H. White.*)

- No. 25008.—2nd October.—W. H. Hennah and A. K. W. Rissel, Wellington, N.Z.
Recording deviations in ship's course and sounding alarm.
- No. 25009.—2nd October.—T. Gager, Hikurangi, N.Z.
Kerosene-tin, &c.
- No. 25010.—3rd October.—W. E. Mainwaring, Foxton, N.Z.
Telephone-disinfectant.
- No. 25011.—1st October.—W. Thwaites, Seaward Bush, N.Z.
Railway-point, &c., lock.
- No. 25012.—1st October.—J. Stronach, Dunedin, N.Z.
Washboard.
- No. 25013.—1st October.—J. F. Bailey, Dunedin, N.Z.
Electric developer.
- No. 25014.—5th October.—S. Wright, Fairview, N.Z.
Acetylene-generator.
- No. 25015.—5th October.—M. Henry, Waitoa, N.Z.
Turnip-cutter.
- No. 25016.—5th October.—R. B. Williams, Winton, N.Z.
Broom.
- No. 25017.—5th October.—T. W. Tong and A. W. Buckland, Hawera, N.Z.
Asphalt-manufacture.
- No. 25018.—5th October.—A. T. Macalpin, Christchurch, N.Z.
Sack-fastener.
- No. 25019.—6th October.—J. Brennan.—Paeroa, N.Z.
Vehicle under-carriage.
- No. 25020.—6th October.—H. S. Martin, Liverpool, Eng.
Producing mechanical vibrations and converting them into electrical variations.
- No. 25021.—6th October.—W. C. Mead, Maldon, Vic.
Cycle handle-bar.
- No. 25022.—6th October.—C. H. R. Paul, Brisbane, Q.
Pressing and ironing machine.*
- No. 25023.—6th October.—E. P. S. McPharlin, Wangeling Pool, W.A.
Securing fence-wires to posts.*
- No. 25024.—7th October.—E. A. Parker, Collingwood, N.Z.
Window-fastener.
- No. 25025.—7th October.—J. T. Muir, Wanganui, N.Z.
Dividing and wrapping blocks of butter.
(E. G. McDougall.)
- No. 25026.—7th October.—W. Fowles, Pietermaritzburg, Natal.
Predigested-food production.*
- No. 25027.—7th October.—R. H. Gulleford and J. G. Harbottle, Christchurch, N.Z.
Flax-bleaching process.*
- No. 25028.—7th October.—M. Siddall, Christchurch, N.Z.
Kettle.
- No. 25029.—7th October.—R. Gilkes, Wellington, N.Z.
Protecting shop-fronts from dogs, &c.
- No. 25030.—7th October.—J. H. Grant, Wodonga, Vic.
Rabbit-burrow fumigator.*
- No. 25031.—3rd October.—W. J. Love and F. W. Skelsey, Burnside, N.Z.
Cement-manufacture.
- No. 25032.—5th October.—W. J. Roebuck, Dunedin, N.Z.
Post-coupling.
- No. 25033.—7th October.—A. Jarrett, Glebe, N.S.W.
Kerosene-pump.*
- No. 25034.—3rd October.—W. Nelson, Auckland, N.Z.
Lamp-ventilator, &c.
- No. 25035.—8th October.—T. McNabb, Collingwood, N.Z.
Picture-frame-making apparatus.
- No. 25036.—8th October.—A. W. Collett, Dannevirke, N.Z.
Friction-winch.*
- No. 25037.—8th October.—H. G. Scott, Jamaica, U.S.A.
Dispensing-stopper for liquid-receptacles.*
- No. 25038.—8th October.—W. Seifert, Takapau, N.Z.
Flax-treatment.
- No. 25039.—8th October.—F. W. May, Shannon, N.Z.
Ballast-truck.
- No. 25040.—6th October.—P. S. Irwin, Waikaka, N.Z.
Preventing marine engines from racing.*
- No. 25041.—9th October.—J. S. McPherson, Wakefield, N.Z.
Broom, &c., bracket.*
- No. 25042.—9th October.—J. A. Patterson, Wellington, N.Z.
Hydrocarbon-gas producer.
- No. 25043.—9th October.—H. Gentles and J. H. Dalton, Auckland, N.Z.
Bottle-stopper, &c.
- No. 25044.—7th October.—J. Baird, Hamilton, N.Z.
Earth-closet.
- No. 25045.—7th October.—G. L. Briggs and R. F. Bollard, Taupiri, N.Z.
Saw-fence.
- No. 25046.—9th October.—J. E. C. Brown, Dunedin, N.Z.
Explosion-engine.
- No. 25047.—10th October.—A. H. Wright, Dunedin, N.Z.
Hut-pin.
- No. 25048.—10th October.—A. H. Wright, Dunedin, N.Z.
Lock.
- No. 25049.—10th October.—A. H. Wright, Dunedin, N.Z.
Guard for playing table-games.
- No. 25050.—10th October.—A. H. Wright, Dunedin, N.Z.
Displaying telephone-lists, &c.
- No. 25051.—10th October.—A. H. Wright, Dunedin, N.Z.
Cooker.
- No. 25052.—10th October.—T. W. Edlin, Waimate, N.Z.
Non-refillable bottle.
- No. 25053.—10th October.—J. Ford, Dunedin, N.Z.
Candle-saver.
- No. 25054.—12th October.—R. Paladini, Wellington, N.Z.
Fan.
- No. 25055.—8th October.—A. J. Worms, Auckland, N.Z.
Surveying-peg.
- No. 25056.—12th October.—G. Hutchinson, Christchurch, N.Z.
Portable reading-stand.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 28th September to the 12th October, 1908, inclusive:—

- No. 23877.—J. A. Boyd, parlour-skittles.
No. 23878.—J. A. Boyd, step-ladder.
No. 23903.—W. Maddison, sleeping-accommodation for railway-carriages.
No. 23911.—R. Cairns, double-ended electrical plug.
No. 24371.—W. H. Palmer, explosive-manufacture.
No. 24624.—F. Castle, fire-alarm.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 14th October, 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. 23594.—21st October, 1907.—JOHN ANDREW JAMIESON, 4 Russell Terrace, Newtown, Wellington, New Zealand, Tram-conductor. Improved holder or grip for issuing tickets on tram-cars.*

Claim.—An improved ticket holder or grip for holding securely tram-tickets while they are being issued, comprising in combination (1) a plate or strip of wood or any other material; (2) pockets or slots; (3) a boss or spindle; (4) spring clips; the said boss or spindle being passed through a hole in the said plate or strip, and having the said spring clips riveted on either end of the said boss or spindle, the said spring clips being adapted to be revolved.

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

No. 23600.—16th October, 1907.—ALEXANDER McMASTER, of Taihape, New Zealand, Engineer. A new construction of lifting-jack.*

Claims.—(1.) In lifting-jacks, means for operating the lifting-bar, comprising, in combination, a chain pulley mounted in the jack-frame, a gear wheel attached to such pulley, a pinion secured upon an operating-shaft and geared with the gear wheel, and a chain passing over the chain pulley and connected to the lifting-bar, substantially as specified. (2.) The general arrangement, construction, and combination of parts in my new construction of lifting-jack, substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 23613.—17th October, 1907.—WALTER GALÉ, of Ovens Street, Wangaratta, and LOUIS GUNTHER, of Green Street, Wangaratta, Victoria, Australia, Engineer and Agent respectively. Improvements in appliances for attachably and detachably securing knives to the wheels of chaff-cutting machines.*

Extract from Specification.—The invention consists essentially in furnishing the forward side of each arm or spoke of the knife-carrying wheel with a longitudinal recess or jaw of a length equal to or slightly longer than that of the back of the knife, and providing the said jaw with suitable set-screws and adjustable locking-levers to retain the knife securely therein.

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

(Specification, 5s. 6d. ; drawing, 1s.)

No. 23623.—19th October, 1907.—THOMAS FALVEY, of 22 Clyde Quay, Wellington, New Zealand, Lineman. An improved temperature-detector.*

Claims.—(1.) An improved temperature-indicator, comprising in combination a metal spiral, a drum rotatable by the expansion of the spiral, a lining of insulating material within the drum, a contact piece upon the drum projecting through the insulating lining, brushes arranged at a distance from each other within the drum and contacting with the insulating lining and electrical indicator, which are operated when the contact piece of the drum meets either of the said brushes, substantially as set forth. (2.) In a temperature-indicator the employment with a drum as claimed in claim 1, of a cord attached at one end to the metal spiral and having a weight at its other end, the cord being wound round a pulley integral with the drum, substantially as set forth. (3.) In a temperature-indicator and with a drum as claimed in claim 1, the employment of a hollow axle having a lateral opening, wires passing through the opening and through the hollow axle and bent at their ends to form brushes adapted to contact with the contact piece of the drum, substantially as set forth.

(Specification, 5s. 6d. ; drawing, 1s.)

No. 23646.—24th October, 1907.—ARTHUR EDWARD MOSS, of 52 Canongate Street, Dunedin, New Zealand, Linotype Engineer. Recording votes by electric release.*

Claims.—(1.) In combination an electro-magnetic release and counting mechanism concealed for the purpose of recording votes for candidates or propositions. (2.) In combination an electro-magnetic release and counting and marking devices for the purpose of recording and counting votes for candidates or propositions. (3.) In combination an electro-magnetic release and marking mechanism for recording votes as before. (4.) In combination means for releasing catches or drawbars and operation of counters and marking device, and for replacing catches in position after votes are recorded. (5.) The recording of votes on a numbered card or paper inserted in a concealed machine by perforation type or marking device by spindles operated by drawbars released mechanically or by electro-magnets. The counting of votes by concealed counters is not claimed as novel.

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

No. 23722.—13th November, 1907.—JOHN DIXON, of 193 High Street, Prahan, near Melbourne, Victoria, Australia, Manufacturer, and JOSIAH CHARLES FREDERICK LAWRENCE, of 46 Green Street, Windsor, near Melbourne, aforesaid, Mechanical Engineer. Automatic apparatus for washing drinking-utensils and the like.*

Extract from Specification.—The apparatus briefly stated comprises a chamber open at one end and fitted with a flexible lip adapted to fit closely round the outer circumference of the tumbler or other vessel. The chamber is provided with perforated jets or sprays, and, if preferred, whirlers and brushes, and within said chamber is a depressible skeleton plate, which on being forced operates a lever or cock so as to admit water through the perforated jets or sprays on to the tumbler or other vessel.

(Specification, 5s. ; drawing, 2s.)

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

No. 23751.—20th November, 1907.—ALEXANDER STORRIE, of Dee Street, Invercargill, New Zealand, Implement-maker. Improvements in agricultural implements used for the combined purposes of ridging and sowing in drills.*

Claims.—(1.) In implements of the class mentioned, a concave roller consisting of two sections inclined or canted in opposite directions so as to run along the sides of and press together a ridge, substantially as described. (2.) The combination with a concave roller, according to claim 1, of disc coulters fixed or revolvably secured one at each of the smaller ends of such roller, substantially as and for the purposes set forth. (3.) In combination with an implement of the class mentioned, an axle secured thereto, a concave roller formed in two halves and having a disc secured to or made integral with each of said halves at the smaller end thereof mounted revolvably on said axle, and a seed-coulter secured to said axle between said discs, substantially as and for the purposes set forth. (4.) In combination with an implement of the class mentioned, a supporting axle attachable thereto, two similar sleeves having an inclined passage therethrough and adapted to slide on said axle, means for securing said sleeves to said axle, a concave roller formed in two halves and having a disc secured to or made integral with each of said halves at the smaller end thereof revolvably mounted on said sleeve, and a seed-coulter suitably supported to move behind said disc, substantially as and for the purposes set forth. (5.) In combination with an implement of the class mentioned a supporting axle attachable thereto, two similar sleeves having an inclined passage therethrough and adapted to slide on said axle, means for securing said sleeves to said axle, a concave roller formed in two halves and having a disc secured to or made integral with each of said halves at the smaller end thereof revolvably mounted on said sleeve, and a seed-coulter secured to said axle between said discs, substantially as and for the purpose set forth. (6.) In an implement of the class mentioned, mounting the seed-coulter on the common support or axle of a concave roller formed in two halves, each provided with a disc at its inner end, and between said discs, substantially as described.

(Specification, 5s. ; drawings, 2s.)

No. 24271.—14th April, 1908.—WILLIAM ERNEST HUGHES, of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of the Electrical Railway Improvement Company, of Cleveland, Ohio, United States of America, Manufacturers, assignees of Albert B. Herrick, Ridgewood, Bergen, New Jersey, United States of America, Mechanical Engineer). An improved process of bonding rails.

Claims.—(1.) The method of joining metallic bodies by means of the electric current, which consists in first soldering or brazing said bodies together by means of a heating electric current, and then welding the same together by means of a voltaic arc. (2.) A form of carrying into practice the method claimed in claim 1, and of the kind in which a body of high resistance is introduced between one of the metallic bodies to be joined and the external circuit, characterized by the withdrawal of said high-resistance body from said metallic body, so as to form an electric arc, substantially as described. (3.) The improved method of joining metallic bodies by means of an electric current substantially as described, and for the purposes specified.

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

No. 24272.—14th April, 1908.—WILLIAM ERNEST HUGHES of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of the Electric Railway Improvement Company, of Cleveland, Ohio, United States of America, Manufacturers, assignees of Albert B. Herrick, Ridgewood, Bergen, New Jersey, United States of America, Mechanical Engineer). Improvements in apparatus for bonding rails.

Claims.—(1.) An apparatus for use in bonding rails or similar conductors by means of an electric current, characterized by a rail-clamping device combined with a truck, and comprising two pendent members, which are insulated from each other, and are provided with independent electric connections, and are adapted to rest respectively against the inner and outer sides of a rail, means being provided for moving said members relatively to each other to clamp the rail between them, substantially as described. (2.) A constructional form of the apparatus claimed in claim 1, in which adjustable means are provided for supporting said rail-clamping device on the truck in such a manner as to permit vertical and horizontal motion of said rail-clamping device relatively to said truck, substantially as described. (3.) A constructional form of the apparatus claimed in claim 2, in which the track bears a transverse slide-way, in which moves

a block having a vertical slide-way which receives a second block bearing the rail-clamping device, the said blocks being movable in their respective slide-ways by suitable means, such as screws and nuts, substantially as described. (4.) A constructional form of the apparatus claimed in claim 1, in which one of the pendent members or arms has a high-resistance body removably secured to its lower end, substantially as described. (5.) An apparatus of the class described, in which the means for making electrical connection with the rail comprise a contact member adapted to rest on the top of the rail, substantially as described. (6.) A constructional form of the apparatus claimed in claims 1 and 5, in which the contact member—e.g., a laminated copper block for resting on top of the rail—is mounted on the side of one of the pendent arms or members of the rail-clamping device, substantially as described. (7.) An apparatus of the class described, in which the rail-clamping device comprises two members adapted to be applied with unequal pressures to the rail operated upon, substantially as described. (8.) The improved apparatus for bonding rails or similar conductors by means of an electric current constructed substantially as described with reference to the drawings for the purposes specified.

(Specification, 8s. 6d.; drawing, 2s.)

No. 24273.—14th April, 1908.—WILLIAM ERNEST HUGHES of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of the Electric Railway Improvement Company, of Cleveland, Ohio, United States of America, Manufacturers, assignees of Albert B. Herrick, Ridgewood, Bergen, New Jersey, United States of America, Mechanical Engineer). Improvements in electrodes for electric welding, soldering, or brazing.

Claims.—(1.) An electrode for electric welding and analogous operations, comprising a block of high-resistance material, and a cast metallic holder therefor, said block being embedded in said holder in the process of casting of the latter, substantially as described. (2.) A constructional form of the electrode claimed in claim 1, in which a holder is cast around a block of carbon, substantially as described. (3.) A constructional form of electrode claimed in claim 1 or in claim 2, in which the block of high-resistance material is surrounded laterally by relatively incombustible material, e.g., asbestos, substantially as and for the purpose hereinbefore described. (4.) A constructional form of the electrode claimed in claim 3, in which the incombustible material is adapted to be removed in annular sections, substantially as described. (5.) The combination with an electrode, such as that claimed in claim 1, of a cooling means for the holder for the block of high-resistance material, substantially as described. (6.) An electrode such as that claimed in claim 1, in which the holder for the block of high-resistance material is provided with heat-radiating flanges, substantially as described. (7.) A constructional form of the apparatus claimed in claims 5 and 6, in which means are provided for directing a blast of air on to the heat-radiating flanges, substantially as described. (8.) A constructional form of the electrode claimed in claim 1 or in claim 6, in which the holder for the high-resistance material is made with a relatively enlarged terminal portion, substantially as described. (9.) The several forms of electrode constructed substantially as described with reference to the drawings, for the purposes specified.

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

No. 24667.—14th July, 1908.—ROBERT JAMES SMITH, of 37 Church Street, Masterton, New Zealand. Improvements in mortise-locks.*

Extract from Specification.—According to my invention, the cylindrical bolt fitting this casing is normally projected by a coiled spring, and is operated inwardly by a cam projecting from a tubular rocking-spindle. A spring-operated locking-lever, pivoted within the casing, is located in a recess in the bolt, and can be operated to cause its end to engage a shoulder in the bolt and lock it in its projected position. The lever is operated by a pin passing through the cam and into the tubular rocking-spindle referred to, within which is a tumbler operable by a key passed into the rocking-spindle, said tumbler having a cam adapted to engage the end of said pin.

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

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

No. 24712.—9th April, 1908.—FREDERICK SAMUEL GREER, of No. 7 Market Street, Sydney, New South Wales, Australia, Manufacturer. An improved fumigator.

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

Claims.—(1.) Improved fumigating or spraying apparatus, comprising a double-action pump, a container or generating or mixing chamber, a pipe-connection between the two and a diaphragm cock or valve, and extension-pipes therefrom, substantially as described and explained. (2.) In apparatus of the class set forth the combination with cylinder such as 7, having double-ended piston such as 8, of inlet-valves 16 and 27, and discharge-valves such as 19 and 31, and a chamber such as 24, and discharge-cone such as 21, substantially as described and explained and as illustrated in the drawings. (3.) In apparatus of the class set forth the combination with a container or generating or mixing chamber such as 38, having pipes 43 and 44 therein, of a cock such as 36 connecting to said pipes, and having a diaphragm such as 40, substantially as described and explained and as illustrated in the drawings. (4.) The combination and arrangement altogether of the mechanical parts or integers comprising an improved fumigator or spraying apparatus, substantially as described and explained and as illustrated in the drawings.

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

No. 24759.—31st July, 1908.—MATTHEW YARROW, of 9 Ivy Road, Smithills, Bolton, Lancaster, England, Engineer. Improvements in machines for the manufacture of earthenware pipes.

Claim.—A machine for making earthenware pipes, the same being characterised by (a) cores so mounted that they may be withdrawn to cut off the clay; (b) moulds which will divide to allow the socket part of the pipe to be removed; and (c) a table affording balance-weighted resistance which is automatically brought into action without the attention of the operative, substantially as specified.

[NOTE.—Here follow six other claims.]

(Specification, 10s. 6d.; drawing, 9s.)

No. 24828.—19th August, 1908.—JOHN ALLAN LINDSAY, of 29 Woodend Place, Shields Road, Flemington, Motherwell, Lanarkshire, Scotland, Blacksmith. An improved method of manufacturing buffer-cylinders for rolling-stock.

Claims.—(1.) A buffer-cylinder for rolling-stock made from a steel ingot, substantially as described with reference to the drawings. (2.) Manufacturing a buffer cylinder for rolling-stock from a solid steel ingot, the ingot being formed, in a suitably-shaped die, with a flange at one end and a foot-plate at the side, and being also pierced with a central hole, the ingot being subsequently formed in a second die, made in parts suitably bound together, with a roll or bead at the end opposite to the flanged end, substantially as described.

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

No. 24866.—1st September, 1908.—HARRY WILLIAMS HARDINGE, of 43 Exchange Place, Manhattan, New York, United States of America, Engineer. Improvements in method of and apparatus for disintegrating ores and other materials.

Extract from Specification.—In carrying out my invention the lumps or pieces of ore or other material are subjected to tumbling action (either with or without the addition of non-friable crushing or grinding bodies, such as metal balls, flint pebbles, &c.), whereby the lumps or pieces are broken up by impact and attrition in a succession of reducing or grinding zones of gradually diminishing reducing action, and maintaining a substantial vertical stratification of the material according to the size of its pieces or particles. Stated a little differently, the material is passed through a succession of reducing zones of successively less reducing action, according as, or as fast as, the lumps or masses of the material are broken up or disintegrated. In this way the pieces of material are subjected to reducing actions which are substantially proportionate respectively to the sizes of the pieces, and hence, in general, to the work required to break them up. In other words, the reducing action

exerted on a given piece or lump is substantially in proportion to the work required. The piece or lump being thus broken up, its parts promptly move forward to the next zone of reduction, and so on until the desired disintegration is reached. The ultimate size of the particles, to which a given material is reduced, depends in general upon the amount of impact and attrition to which the material is subjected. This is best regulated by varying the number of reducing zones, or the rate of passage of the material there-through, or both, as will be more fully explained.

(Specification, 14s. ; drawing, 3s.)

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

No. 24867.—1st September, 1908.—THE ZONE DYNAMO AND MOTOR PATENTS COMPANY, LIMITED, Dynamo Manufacturers, of Parliament Mansions, Victoria Street, Westminster, London, S.W., England (assignees of John Wesley Burleigh, of Hazeldene, Leslie Street, Rowbarton, Taunton, Somersetshire, England, Electrical Engineer). Improvements in or connected with dynamo electric machines.

Claims.—(1.) In a dynamo electric machine the combination of two coils, one an arched coil and the other an ogee coil, substantially as and for the purpose described. (2.) In a dynamo electric machine an arched coil embracing one pole-piece and an ogee coil, whose ends lie close up against or close to different pole-pieces. (3.) In a dynamo electric machine an arched coil and an ogee coil, the ends of which lie close up to or near the ends of the pole-pieces, and the sides of which lie as close up as possible to the armature coils undergoing commutation. (4.) The arrangement and combination of parts substantially as set forth with reference to Fig. V, the coils being either those shown in that figure or modified as shown in Figs. VI and VII.

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

No. 24872.—3rd September, 1908.—EDMOND CHARLES WOOD, of Christchurch, New Zealand, Blacksmith. An improved starting-machine for horse-races.

Claims.—(1.) In race-starting machines, the combination with a tape or barrier attached at its ends to links slidably mounted upon vertical guide-rods secured to posts arranged on the respective sides of the track, of a cord suspended over a pulley upon the top of each post and at one end attached to the corresponding link and at its other end to a weight and elastic or spring connection, and means whereby the links may be held at the lower ends of the guide-rods, and may be simultaneously released, substantially as and for the purposes specified. (2.) In race-starting machines, the combination with a tape or barrier attached at its ends to links slidably mounted upon vertical guide-rods secured to posts arranged on the respective sides of the track, of lever hooks pivoted one on each post adapted to engage with the respective links and hold them at the lower ends of the guide-rods, cords attached to such hooks and carried upon pulleys to one of the posts, a hand-lever pivoted on such post to which the cords are secured, and means whereby the links may be drawn up the guide-rods when released from the hooks, substantially as specified. (3.) The general arrangement, construction, and combination of parts in my improved starting-machine for horse-races, substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 24875.—2nd September, 1908.—JOHN CHARLES PRESTON, of No. 255 Sussex Street, Sydney, New South Wales, Australia, Civil Engineer. Improved incandescent-oil lamp.

Claims.—(1.) An improved incandescent-oil lamp, comprising an oil contained with air-compressing device therein or thereon, a pillar tube terminating in a ring or vaporising tube and discharge nozzle or nipple, a U-shaped mixing-tube over said nipple discharging in an incandescent mantle, and a hood and guard and mantle-holding ferrule supported by the ring and vaporising-tube, substantially as described and explained. (2.) The combination and arrangement altogether of the parts or integers for the purposes set forth, forming an improved incandescent-oil lamp, substantially as described and explained, and as illustrated respectively in Figs. 1, 2, and 3, and in Figs. 1, 2, and 4 of the drawings.

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

No. 24880.—3rd September, 1908.—FREDERICK COTTERELL, of 43 Lonsdale Street, Melbourne, Victoria, Australia, Glass-beveller. Improvements in glass-bevelling machines.

Extract from Specification.—Undergear that will give the required rigidity and support beneath the grinding-edge of the machine-table whilst the glass is being bevelled by means of grinding-discs, and at the same time allow of any angle of bevel to be ground perfectly straight, smooth, and uniform on the sides or edges of plate or sheet glass. And as my second improvement: Overhead gear carried by a suitable framing and provided with weighted balance levers so that the grinding pressure can be controlled and regulated on the sides or edges of the glass whilst being bevelled, and, further, means for adjusting certain parts of the overhead gear so that the grinding-discs may make any required width or size of bevel on the sides or edges of the plate or sheet glass.

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

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

No. 24889.—2nd September, 1908.—A. G. E. S. SOCIETA IN ACCOMANDITA SEMPLICE PER L'ESERCIZIO DEI BREVETTI GRANIERI, of No. 4 Via in Lucina, Rome, Italy (assignees of Luigi Granieri, of Rome, Italy). Improvements in and relating to road-vehicle wheel-axes.

Claims.—(1.) Axle-tree for road-vehicle wheels such as described, comprising journals pivotally connected thereto. (2.) Elastic axle-tree for road-vehicle wheels such as described, comprising in combination axle-journals, deformable pivoted parallelograms connected to the said journals, rigid angular extensions of the said parallelograms, and elastic connection between the said extensions of the said parallelograms. (3.) Elastic axle-tree for road-vehicle wheels such as described, comprising in combination axle-journals, deformable pivoted parallelograms connected to the said journals, rigid angular extensions of the said parallelograms, and an air-cushioning device connecting the said extensions of the said parallelograms. (4.) Elastic axle-tree for road-vehicle wheels such as described, comprising in combination axle-journals, deformable pivoted parallelograms connected to the said journals, rigid angular extensions of the said parallelograms, and a spring connecting the said extensions of the said parallelograms. (5.) Elastic axle-tree for road-vehicle wheels such as described, comprising in combination axle-journals, deformable pivoted parallelograms connected to the said journals, rigid angular extensions of the said parallelograms, and two air-cylinders sliding almost but not perfectly tightly the one within the other, connecting the said extensions to the said parallelograms. (6.) In combination with an elastic axle-tree for road-vehicles such as described, a wheel-rim with a removable side, to permit of laterally inserting the elastic tire-sections into the groove of the rim.

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

No. 24891.—3rd September, 1908.—JOSEPH BURNETT MOIR, of Invercargill, New Zealand, Tinsmith. Improved washstand.

Claim.—Improved washstand characterised by the top portion being made in one piece of galvanised iron or similar sheet metal with a projecting flange round the opening for the basin, and having underneath said top a removable collar round said opening for supporting said basin, substantially as described.

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

No. 24899.—6th November, 1907.—OSCAR LOUIS EUGSTER, of Barnsbury Works, Barnsbury Street, Islington, London, England, Engineer. Improvements in porcelain-lined syphon-heads.

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

Claims.—(1.) In a porcelain-lined syphon-head a separate removable-valve seating-piece. (2.) A recessed porcelain-lined syphon-head adapted for use with a separate removable-valve seating-piece, substantially as described. (3.) The combination of a recessed porcelain-lined syphon-head and a separate removable-valve seating-piece, substantially as described.

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

No. 24900.—9th September, 1908.—ALEXANDER JOHN ARBUCKLE, of 1 Main Street, Belgravia, near Johannesburg, Transvaal, Mechanical Engineer, and ALFRED OSBORNE, of 1 Main Street, Belgravia, aforesaid, Mine-manager. Improvements in means for separating comminuted ores or other solid matter from liquids.

Extract from Specification.—For the carrying-out of the invention we may employ an inverted conical tank, or other vessel having inwardly or downwardly inclined sides for the whole or any suitable portion of its height. Into this tank or vessel the mixture of solids and liquids is conducted, the settlement of the solids taking place therein while the liquid overflows. The vessel is provided with an aperture at the bottom, through which the solids are withdrawn. This aperture is partially closed by means of a rotatable drum or cylinder, or drums or cylinders, extending the full length of said aperture. The drum or cylinder, or drums or cylinders, may be covered with canvas or similar material, or be otherwise provided with a roughened surface to facilitate the withdrawal of the solids from the vessel. Means are provided for making a liquid-tight joint between the vessel and the drum or cylinder, or drums or cylinders, to prevent egress of the mixture when the apparatus is being put into operation. Means may be provided for scraping off the solids which adhere to the surface or surfaces of the drum or cylinder, or drums or cylinders, and if desired a liquid supply may also be provided for washing said surfaces.

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

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

No. 24901.—9th September, 1908.—FREDERIC HENRY TREVELLIAN, of 256 Lambton Quay, Wellington, New Zealand, Cash-register Expert. Improvements in cash-registers.

Claim.—In a cash-register of the class described, the combination with paper bands whereon invoices and copies thereof may be written, of means for advancing the said bands the length of one invoice, and independent and separately operable summarising paper bands, substantially as set forth.

(Specification, 16s.; drawing, 5s.)

[NOTE.—Here follow fifteen other claims.]

No. 24905.—10th September, 1908.—The Westinghouse Metal Filament Lamp Company, Limited, of 2 Norfolk Street, Strand, London, England, Manufacturers (assignees of Anton Lederer, Ph.D., of 83 Atzgersdorf, Vienna, Austria). Improved process for the production of tungsten filaments for electric incandescent lamps.

Claims.—(1.) The process for the manufacture of tungsten filaments for incandescent electric lamps, which consists in treating with hydrochloric acid the reaction-product obtained as an intermediate product in Delépine's process for the production of tungsten, washing with water, concentrating by evaporation until a plastic mass is obtained, and squirting therefrom filaments which are afterwards finished in the usual manner, substantially as described. (2.) The process for the manufacture of tungsten filaments for incandescent electric lamps substantially as described.

(Specification, 1s. 6d.)

No. 24906.—10th September, 1908.—JAMES THOMAS HUNTER, of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of Linotype and Machinery, Limited, of 188 and 189 Fleet Street, London, England, the assignees of Herbert Pearce and John Ernest Billington, Engineers, both of Linotype and Machinery Works, Broadheath, Chester, England). Improvements in typographical composing-machines.

Extract from Specification.—This invention relates to typographical composing-machines, composing matrices or type dies, irrespectively of whether the ultimate result of their operation be linotypes, lines of type, or only stereotypers' matrices, and which machines are of a type characterized by a tier of magazines, each carrying its own escapements, the said tier interposed between a single keyboard, a single set of connections therefrom to the escapements on the magazines, and a single assembler-entrance on the one hand, and a single magazine-entrance and a single distributor on the other, and means for moving the tier up and down to effect a "quick change"—i.e., to quickly make the one containing the desired fount (or substituted magazine)

register with the assembler-entrance and the magazine-entrance. It is characterized by certain improvements in the tier of magazines; in the "quick change" mechanism, in means for balancing the weight of the tier during a "quick change"; in means for insuring exactness of register on the part of a substituted magazine after each "quick change"; and in the co-operation of the magazine-entrance with the tier of magazines. One object of the invention is to effect improvements in the Mergenthaler linotype machines described in the specifications of British Letters Patent Nos. 9570 of 1897 and 15058 of 1904 in respect of the escapements of the former, and in the connections between the keyboard and the escapements of the latter. The application of the invention to a Mergenthaler linotype machine has been chosen for specification as the best means of making the nature of it clearly understood.

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

(Specification, £2; drawing, 14s.)

No. 24914.—12th September, 1908.—WILLIAM CAMPBELL and TORO IWIKAU, both of Marton, New Zealand, Farmers. Improved cow-bail.

Claims.—(1.) In cow-bails of the class described, a pivoted movable member provided with a counterweight secured to it below the pivot and arranged to keep it normally in the closed position, a lever pivoted in the upper end thereof engaging with and adapted to raise the retaining flap, and a rope attached to such lever for operating it and for drawing the bail member to the open position, substantially as specified. (2.) The improved construction of cow-bail, substantially as described and explained, as illustrated in the drawings, and for the purposes set forth.

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

No. 24929.—12th September, 1908.—R. HUDSON AND CO. LIMITED, a company incorporated in New Zealand, and having its registered office at Castle Street, Dunedin, New Zealand (assignees of Robert George Hudson, of Dunedin, New Zealand, Manufacturer). Improvements in or relating to boxes and cases.

Claims.—(1.) The combination with a box or case having threaded studs projecting from its upper edges, of a lid having recessed portions with holes therein through which said studs pass to receive nuts to be screwed up thereon to secure the lid in position, substantially as described. (2.) The combination with a box or case having threaded studs projecting from the upper edge of one end thereof and a metal band secured above the upper edge of the other end, of a lid having one end bevelled to fit under said metal band, and its other end formed with recessed portions having holes therein through which said studs pass to receive nuts to be screwed up thereon to secure the lid in position, substantially as described. (3.) The combination with a box or case having threaded studs projecting from the upper edge of one end thereof and a metal band secured above the upper edge of the other end, of a lid having one end bevelled to fit under said metal band and its other end formed with recessed portions and fitted with a correspondingly recessed metal band, said recessed portions and band having holes therein through which said studs pass to receive nuts to be screwed up thereon to secure the lid in position, substantially as described. (4.) Improvements in or relating to boxes and cases consisting of the parts combined, arranged, and operating, substantially as described or illustrated in the drawings.

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

No. 24930.—12th September, 1908.—CHARLES BOWTELL SMITH, of Dunedin, New Zealand, Printer. Spring or elastic bookbinding.

Claims.—(1.) In bookbinding, the combination of any suitable covers with the leaves secured in their places within same by elastic or springs, all substantially as set forth and as illustrated in the drawing and described, and as explained. (2.) In staple-binding, bands securing the leaves to the covers with wires at the ends of said loops, all substantially as set forth. (3.) In loose-leaf ledgers, in combination with covers, springs, and a locking-spring with extending screws, all substantially as set forth. (4.) In loose-leaf binding, rubber springs passed through the leaves to studs in the back, all substantially as set forth. In binding, a chain laid loosely and embedded in rubber so that it cannot be overstrained, all substantially as set forth. (5.) In binding, springs having a chain within same to prevent over-

straining, with rubber outside same when needed, all substantially as set forth. (6.) In binding, right and left-hand-wound spiral springs, one within another, with rubber outside or embedded, all substantially as set forth.
(Specification, 3s. 6d.; drawing, 1s.)

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

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

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

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

J. C. LEWIS,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 14th October, 1908.

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

- No. 24832.—D. Cochrane, axle-lubricator.
No. 24834.—J. Russell and W. W. Jones, advertising-signs.
No. 24858.—E. Hope, spark-extinguisher.
No. 24860.—P. A. and C. W. Le Marquand, heating liquids by engine-exhaust.
No. 24874.—F. O. Linstrom, digger-plough.
No. 24881.—A. F. Kinney, sheep-dipping apparatus.
No. 24882.—C. F. Millward, sack-filler.
No. 24883.—T. W. Rapley, magnetic separator.
No. 24884.—F. O. von Rome and G. Hutchinson, meat-safe.
No. 24885.—J. H. Hutchinson, lorry-bottom.
No. 24887.—G. E. Humphries, platform-support.
No. 24892.—T. Belcher and J. Hally, safety guard for trams.
No. 24893.—J. F. Lopdell, fireplace-rack.
No. 24894.—J. H. Tink, wire-strainer.
No. 24895.—G. R. Rowe and W. Stenhouse, electro-surgical apparatus.
No. 24896.—D. Cousins, quartz-crusher.
No. 24897.—W. R. Lyttleton, music-leaf turner.
No. 24898.—J. Williams, unloading mails, &c., from train in motion.
No. 24907.—A. A. Stephenson, gas-generator.
No. 24910.—D. Taylor, document file.
No. 24915.—T. Barton, easy-chair.
No. 24916.—G. Hyde, telephone-list holder.
No. 24918.—A. Lyell, pudding-mould.
No. 24919.—W. J. McElroy, scrub-cutter.
No. 24921.—R. B. Williams, mop-wringer.
No. 24924.—G. Craw, flax-treatment.
No. 24925.—A. H. Wright, game.
No. 24928.—R. Walker, milk, &c., strainer.
No. 24931.—A. H. Wright, net for catching balls, &c.
No. 24932.—United Shoe Machinery Company, sewing-machine. (A. Eppler.)
No. 24933.—United Shoe Machinery Company, boot-machine work-support. (A. E. Jerram, J. Gouldbourn, and A. Bates.)
No. 24935.—F. McLaughlin, folding go-cart.
No. 24936.—E. J. Whyte, milk-can.
No. 24937.—A. W. Rogers, rifle.
No. 24943.—R. McGaffin, flax-catcher.
No. 24945.—O. P. and G. F. Thomas and G. J. Bertinshaw, fire-grate.
No. 24947.—A. Campbell, sluicing-nozzle.
No. 24950.—A. Robins, produce-box.
No. 24953.—A. J. Whiteside, flax-dressing.
No. 24955.—J. H. Beamish, ventilating buildings.
No. 24956.—T. French, gate or fence post.
No. 24960.—A. E. Woolley, draught, &c., excluder, for doors.
No. 24961.—A. Ferries and J. J. Poynton, post-hole digger.
No. 24963.—A. H. Wright, prop.
No. 24965.—E. O. Blackwell, harvester, &c.
No. 24970.—A. Cometti and A. J. McCarthy, motor-car wheel.
No. 24971.—F. W. May, flax washer and scraper.
No. 24972.—S. Carr, flax-treatment.
No. 24978.—H. F. Cameron, beer-tap.
No. 24981.—C. Grant, tine and chain harrow.
No. 24983.—A. C. V. Torr, clothes-peg.

B

- No. 24984.—E. Moss, fire-alarm system.
No. 24989.—A. Parker and A. G. Hume, label making and printing machine.
No. 24990.—C. W. Penny, loading drays.
No. 24991.—F. H. Mander, spacing saw in saw-frame.
No. 25003.—A. Bunting, milking-apparatus.
No. 25004.—A. Horman, artificial minnow.
No. 25008.—W. H. Hennah and A. K. W. Rissel, ships' course deviation-recorder.

[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 September to the 9th October, 1908, inclusive:—

- No. 22510.—E. Moss, letter-stamping, &c., machine.
No. 23036.—A. Hayes, iron and steel treatment.
No. 23037.—A. Hayes, fibrous steel.
No. 23038.—A. Hayes, solution for treatment of iron and steel.
No. 23043.—W. Watson and W. Craig, flax-dressing method and apparatus.
No. 23044.—L. N. Dyhrberg, earthenware-pipe machine.
No. 23061.—H. B. France, metal covering for buildings.
No. 23084.—J. Kershaw, hop pressing and packeting machine.
No. 23091.—H. L. J. Torpy, bottling aerated liquids.
No. 23148.—E. Frost, saddle.
No. 23157.—Manufacturers' Machine Company, channel-flap layer. (W. H. Hooper.)
No. 23158.—Manufacturers' Machine Company, machine for making and inserting fasteners. (P. R. Glass.)
No. 23159.—Manufacturers' Machine Company, buffing-machine. (J. E. Leavitt.)
No. 23160.—Manufacturers' Machine Company, stitch-impression finishing-machine. (J. J. Heys.)
No. 23173.—J. E. Friend, rotary engine.
No. 23188.—R. A. Bradbury, waterproof garment.
No. 23304.—Manufacturers' Machine Company, shoe-upper-assembly machine. (W. H. Hooper.)
No. 23424.—Manufacturers' Machine Company, pad-cover, &c. (G. F. Stewart.)
No. 23917.—R. F. Carey, door-opening, &c., mechanism.
No. 24146.—H. E. McDonald, baling-press.
No. 24358.—J. Geary, neckwear.
No. 24391.—T. E. W. Noyes, rock-drill chuck. (G. Warren and J. V. Tregoning.)
No. 24481.—W. A. Van Berkel, circular knife-sharpener.
No. 24482.—A. E. Luttrell and E. P. Hosh, rotary pump.
No. 24483.—S. M. Smith, ore-treatment.
No. 24486.—P. W. Sieurin, winch.
No. 24487.—M. M. Neilson, sewage-treatment.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 18150.—B. F. Dunn, tightening wire mattress. 12th October, 1908.
No. 18528.—T. C. Hement, forming spouting. 1st October, 1908.
No. 18573.—H. Ashworth, wool-washing, &c. 6th October, 1908.
No. 18579.—Mauri Bros. and Thomson, Limited, bottling-machine. (The Crown Corporation, Limited, S. G. Plucknett and J. F. H. Howarth.) 7th October, 1908.
No. 18598.—E. Phillips, milk-treatment. (S. R. Kennedy.) 12th October, 1908.
No. 18679.—L. Nathan, beer-brewing. 6th October, 1908.

THIRD-TERM FEES.

- No. 14112.—F. Eisenbeis and F. Garely, stone-cutting, &c., machine. 29th September, 1908.
No. 14309.—Potter's Sulphide Ore Treatment, Limited, ore-treatment. (C. V. Potter.) 29th September, 1908.

Subsequent Proprietors of Letters Patent registered.

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

- No. 20612.—George Taylor Muir, Thomas McLeod Muir, and James Kennedy Muir, jun., trading under the name, style, or firm of J. and T. Muir, Ironfounders, of Leveson Street, North Melbourne, in the State of Victoria, Australia. Bedstead and mattress. (J. F. Stephenson.) 7th October, 1908.

Nos. 21782, 21783.—Linotype and Machinery, Limited, of 188 and 189 Fleet Street, London, England, Manufacturers of Linotype and Printing Machinery. Linotype machine. (W. H. Scharf.) 7th October, 1908.

No. 23837.—Linotype and Machinery, Limited, of 188 and 189 Fleet Street, London, England. Typographic composing and distributing machine. (J. T. Hunter—Linotype and Machinery, Limited—C. A. Albrecht, F. Gantzer, C. W. Grasnick, F. J. Wich, J. E. Billington, C. Holliwel, J. H. Joy, and H. Pearce.) 1st October, 1908.

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 29th September to the 11th October, 1908, inclusive:—

- No. 23776.—E. J. Chilton, candle-protector.
- No. 23777.—R. M. Smith, drainage-pipe.
- No. 23779.—F. S. Stace and H. J. Whitelaw, race-starter.
- No. 23786.—J. Betty, dust, &c., excluder.
- No. 23787.—W. Clark, gum-boot sole.
- No. 23791.—F. Oakden, reinforced concrete pole.
- No. 23792.—R. H. Johnson, wire-strainer.
- No. 23794.—R. H. Skipwith, reinforced-concrete flooring.
- No. 23795.—N. de Lautour, harness back-band fastening.
- No. 23802.—R. Muir, chair.
- No. 23803.—R. H. Johnson, washing-board.
- No. 23804.—J. W. Mardon and G. W. Hudson, signal-wire adjuster.
- No. 23806.—J. Dewhirst, school-slate.
- No. 23808.—W. J. Dunlop, fire-grate.
- No. 23817.—R. Millis, fibre-machine.
- No. 23818.—J. Fisher, brace.

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 30th September to the 13th October, 1908, inclusive:—

- No. 23069.—F. de J. Clere, glazing-bar.
- No. 23090.—R. Groombridge, curative preparation.
- No. 23100.—A. H. and D. J. Byron and R. R. Richmond, steel and iron structure.
- No. 23105.—E. St. G. Tucker, preventing corks blowing out of bottles.
- No. 23114.—W. E. Hughes, incandescent mantle. (H. C. Albrecht.)
- No. 23116.—L. G. Porter, advertising-letters.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 30th September to the 12th October, 1908, inclusive:—

- No. 22636.—G. J. Cox, securing cash-box of coinfreed-machine.
- No. 22637.—G. J. Cox, indicating and recording the velocities of fluids.
- No. 22652.—R. Wilson, flue-attachment for ranges.
- No. 22666.—A. Fischer, quick-heating water-vessel.
- No. 22667.—A. Fischer, cooking and baking apparatus.
- No. 22668.—A. Fischer, tap for water and gas.
- No. 22669.—A. Fischer, gas-burner.
- No. 22674.—D. O. Stewart, applying pressure to liquids.
- No. 22675.—H. Quertier, suction road-cleaner.

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 September to the 12th October, 1908, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 18101.—W. G. Grave, securing covers on animals.
- No. 18111.—W. Dall, voting-register.
- No. 18114.—M. W. Haenke, gas-lamp lighter and extinguisher.

- No. 18125.—J. Wilson, newspaper, &c., file.
- No. 18129.—R. Garnham, water-cistern valve.
- No. 18130.—D. Rowe, tire-inflating pump.
- No. 18131.—C. F. Strauss, lever-gripper, &c. (M. Nelson.)
- No. 18134.—W. H. Piper and A. E. Copley, extension-boot.
- No. 18135.—A. Morrison, dredge-screen.
- No. 18139.—G. W. Basley, fencing-standard. (W. V. Gilbert.)
- No. 18142.—S. D. Currie, converting kerosene-tins into buckets.
- No. 18148.—A. W. Collett, C. B. Edkins, and E. M. Edkins, log-hauling pulley-block.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 13774.—T. W. Hughes, utilising waste heat from stoves.
- No. 13783.—O de Santa Cruz, meat-preserving process, &c.
- No. 13784.—W. M. Stewart, incubator.
- No. 13797.—J. P. Roe, puddling-machine.

THROUGH EXPIRY OF TERM.

- No. 7173.—T. Danks, siphon.
- No. 7195.—C. A. Knight and G. W. Thoda.

Design registered.

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

No. 409.—Sargood, Son, and Ewen, Limited, of Dunedin and elsewhere, in the Dominion of New Zealand, Warehousemen. Class 10, 28th September, 1908.

Design expired.

THE copyright in the following design has expired:—

No. 195.—O'Connor and Tydeman, Palmerston North, New Zealand, Jewellers and Watchmakers. (Brooch.)

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 14th October, 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: 6894.
Date: 28th August, 1907.

TRADE MARK.

The words

“NEW HUDSON.”

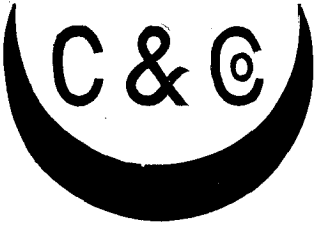
NAME.

THE NEW HUDSON CYCLE COMPANY, LIMITED, of Summer Hill Street, Birmingham, England, Manufacturers.

No. of class: 22.
Description of goods: Cycles.

No. of application: 7296.
Date: 30th April, 1908.

TRADE MARK.



The essential particular of this trade mark is the distinctive mark or brand.

NAME.

COOKSON AND Co., LIMITED, of Milburn House, Dean Street, Newcastle-upon-Tyne, Northumberland, England, Manufacturers of Lead and Antimony.

No. of class: 1.

Description of goods: White-lead (dry and ground in oil), orange-lead, red-lead, glassmakers' red-lead, flake and ground litharge.

No. of application: 7321.
Date: 13th May, 1908.

TRADE MARK.

Raad

NAME.

TAUFIK RAAD, of 275 and 277 Murray Street, Perth, Western Australia, Commonwealth of Australia, Manufacturer and Proprietor of Standard Remedies.

No. of class: 3.

Description of goods: Chemical substances prepared for use in medicine and pharmacy.

No. of application: 7456.
Date: 21st July, 1908.

TRADE MARK.



GRIFFIN BRAND.

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

C

NAME.

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

No. of class: 38.

Description of goods: All articles under this class with the exception of rubber overshoes and articles of a like description.

[NOTE.—This trade mark application is regazetted on account of a clerical error in former notice.]

No. of application: 7549.

Date: 3rd September, 1908.

TRADE MARK.

The word

"CUTRAYT."

NAME.

HERBERT HAZEL SEATON, of 27 Willis Street, Wellington, in the Dominion of New Zealand.

No. of class: 14.

Description of goods: All articles included in this class.

[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: 7579.

Date: 24th September, 1908.

TRADE MARK.

The word

"PEACOCK."

NAME.

ERNEST BROTHERS DUFAUR, of 44 Queen Street, Auckland, in the Dominion of New Zealand.

No. of class: 42.

Description of goods: Tea.

No. of application: 7582.

Date: 28th September, 1908.

TRADE MARK.

The words

"KING COAL."

NAME.

SARGOOD, SON, AND EWEN, LIMITED, of Dunedin and elsewhere, in the Dominion of New Zealand, Warehousemen.

No. of class: 38.

Description of goods: Boots.

No. of application: 7584.

Date: 28th September, 1908.

TRADE MARK



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

NAME.

TONKIN AND Co., of High Street, Dunedin, in the Dominion of New Zealand, Produce-exporters.

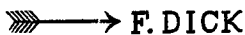
No. of class: 42.

Description of goods: Frozen meat.

No. of application: 7585.

Date: 28th September, 1908.

TRADE MARK.



NAME.

PAUL DICK (trading as "Friedr. Dick" and as "F. Dick"), of Esslingen, Wurtemberg, Germany, Manufacturer.

No. of class: 13.

Description of goods: Butchers' steels and utensils included in this class.

No. of application: 7587.

Date: 29th September, 1908.

TRADE MARK.

The word

"COLLEEN."

NAME.

COLLETT AND Co., of New Plymouth, in the Dominion of New Zealand, Butter and Cheese Merchants.

No. of class: 42.

Description of goods: Butter and cheese.

No. of application: 7588.

Date: 29th September, 1908.

TRADE MARK

The word

"LOTUS."

NAME.

COLLETT AND Co., of New Plymouth, in the Dominion of New Zealand, Butter and Cheese Merchants.

No. of class: 42.

Description of goods: Butter and cheese.

No. of application: 7590.

Date: 29th September, 1908.

TRADE MARK.

The word

"IRIS."

NAME.

COLLETT AND Co., of New Plymouth, in the Dominion of New Zealand, Butter and Cheese Merchants.

No. of class: 42.

Description of goods: Butter and cheese.

No. of application: 7591.

Date: 29th September, 1908.

TRADE MARK.

The word

"HARP."

NAME.

COLLETT AND Co., of New Plymouth, in the Dominion of New Zealand, Butter and Cheese Merchants.

No. of class: 42.

Description of goods: Butter and cheese.

No. of application: 7593.

Date: 30th September, 1908.

TRADE MARK.

The word

"ROSINE."

NAME.

THE ROSINE CHEMICAL COMPANY, of Wellington and Lower Hutt, in the Dominion of New Zealand.

No. of class: 42.

Description of goods: Summer drink.

No. of application: 7599.

Date: 5th October, 1908.

TRADE MARK.

The words

"GOLDEN CREAM."

NAME.

WAKELIN BROS., of Carterton, in the Dominion of New Zealand, Flour-millers.

No. of class: 42.

Description of goods: Flour and wheatmeal.

No. of application: 7603.

Date: 6th October, 1908.

TRADE MARK.



NAME.

THOMAS RICHARDSON ELLIN, of Footprint Works, 31 to 47 Hollis Croft, Sheffield, England, Manufacturer and Merchant.

No. of class: 5.

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

No. of application: 7600.

Date: 6th October, 1908.

TRADE MARK.



FOOT PRINT

NAME.

THOMAS RICHARDSON ELLIN, of Footprint Works, 31 to 47 Hollis Croft, Sheffield, England, Manufacturer and Merchant.

No. of class: 5.

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

No. of application: 7604.

Date: 6th October, 1908.

TRADE MARK.

(The mark as shown in preceding notice, No. 7603.)

NAME.

THOMAS RICHARDSON ELLIN, of Footprint Works, 31 to 47 Hollis Croft, Sheffield, England, Manufacturer and Merchant.

No. of class: 12.

Description of goods: Cutlery and edge-tools.

No. of application: 7601.

Date: 6th October, 1908.

TRADE MARK.

(The mark as shown in preceding notice, No. 7600.)

NAME.

THOMAS RICHARDSON ELLIN, of Footprint Works, 31 to 47 Hollis Croft, Sheffield, England, Manufacturer and Merchant.

No. of class: 12.

Description of goods: Cutlery and edge-tools.

No. of application: 7605.

Date: 6th October, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7603.)

NAME.

THOMAS RICHARDSON ELLIN, of Footprint Works, 31 to 47 Hollis Croft, Sheffield, England, Manufacturer and Merchant.

No. of class: 13.

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

No. of application: 7602.

Date: 6th October, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7600.)

NAME.

THOMAS RICHARDSON ELLIN, of Footprint Works, 31 to 47 Hollis Croft, Sheffield, England, Manufacturer and Merchant.

No. of class: 13.

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

No. of application: 7606.

Date: 7th October, 1908.

TRADE MARK.

The words

“ MOUNT VIEW.”

NAME.

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

No. of class: 42.

Description of goods: Tea.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 29th September to the 12th October, 1908, inclusive:—

- No. 5852/7400.—J. Jameson and Son, Limited. Class 43. (*Gazette* No. 58, of the 23rd July, 1908.)
 No. 5853/7416.—The Caribonum Company, Limited. Class 39. (*Gazette* No. 58, of the 23rd July, 1908.)
 No. 5854/7425.—T. H. Garland and Son. Class 42. (*Gazette* No. 58, of the 23rd July, 1908.)
 No. 5855/7424.—Swift and Co. Class 42. (*Gazette* No. 58, of the 23rd July, 1908.)
 No. 5856/7248.—The Adelaide Bottle Co-operative Society, Limited. Class 15. (*Gazette* No. 31, of the 16th April, 1908.)
 No. 5857/7387.—W. A. Thompson, and Co. Class 22. (*Gazette* No. 58, of the 23rd July, 1908.)
 No. 5858/7415.—H. Berry and Co. Class 42. (*Gazette* No. 58, of the 23rd July, 1908.)
 No. 5859/7448.—Arkel and Douglas, Incorporated. Class 42. (*Gazette* No. 61, of the 6th August, 1908.)
 No. 5860/7457.—W. Reed, jun., J. R. Drake, and R. Candy. Class 3. (*Gazette* No. 61, of the 6th August, 1908.)
 No. 5861/7458.—W. Reed, jun., J. R. Drake, and R. Candy. Class 3. (*Gazette* No. 61, of the 6th August, 1908.)
 No. 5862/6951.—R. Thomas and Co., Limited. Class 5. (*Gazette* No. 7, of the 23rd January, 1908.)
 No. 5863/7175.—Kodak Limited. Class 8. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5864/7176.—Kodak Limited. Class 39. (*Gazette* No. 13, of the 20th February, 1908.)
 No. 5865/7450.—C. H. C. Hope-Johnstone. Class 42. (*Gazette* No. 61, of the 6th August, 1908.)
 No. 5866/7470.—W. Cooper and Nephews. Class 2. (*Gazette* No. 61, of the 6th August, 1908.)
 No. 5867/7471.—W. Cooper and Nephews. Class 2. (*Gazette* No. 61, of the 6th August, 1908.)

Subsequent Proprietors of Trade Marks registered.

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

- No. 2979/2330.—William Kentish McLean, of Wanganui, in the Dominion of New Zealand, Accountant. (R. M. Gatenby.) 30th September, 1908.
 No. 3224/2545.—H. Jones and Company, Limited, of Hobart, Tasmania, and Sydney, New South Wales, Manufacturers. (Wilson, Williams, and Co., Limited.) 30th September, 1908.

Trade Mark Renewal Fees paid.

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

- No. 1274/979.—11th October 1908.—G. Payling and Co., of Christchurch, New Zealand. 9th October, 1908.
 No. 1281/980, 1282/981.—23rd October, 1908.—The Mid-hirst Co-operative Dairy Factory Company, Limited. 2nd October, 1908.
 No. 1803/1011.—10th November, 1908.—The Ballance Co-operative Dairy Company, Limited. 30th September, 1908.

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 30th September, to the 12th October, 1908, inclusive:—

- No. 1166/1113.—2nd July, 1894.—The Ceylon and Indian Tea Association, Limited, of Dunedin, New Zealand. Class 42.
 No. 1170/911.—7th July, 1894.—F. H. Houghton, of Auckland, New Zealand. Class 42.

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.

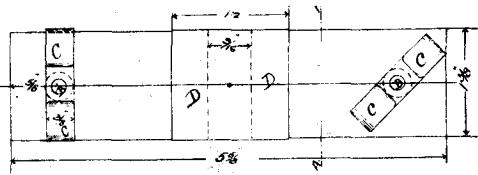
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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 MACRAE, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

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



PLAN



SIDE ELEVATION

23694
Jamieson. Ticket-holder.

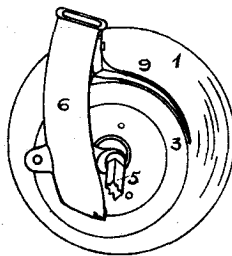


FIG. 3.

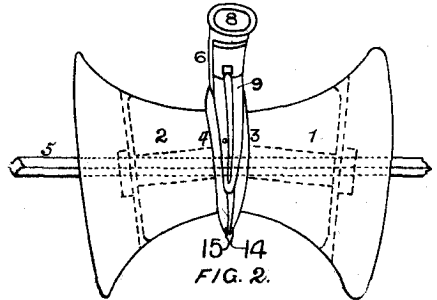


FIG. 2.

23751
Storrie. Agricultural Implement.

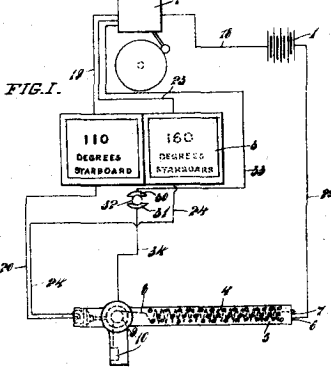


FIG. 1.

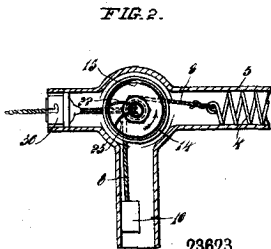


FIG. 2.

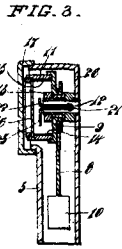


FIG. 3.

23623
Falvey. Temperature-detector.

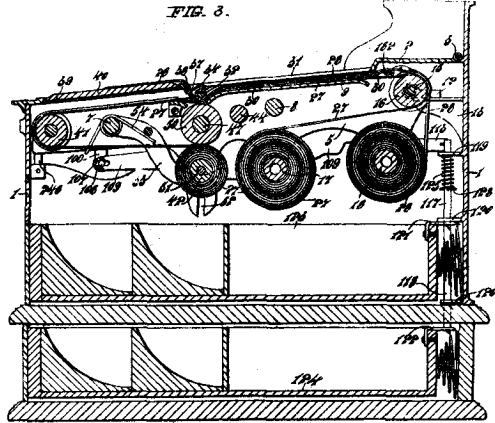


FIG. 3.

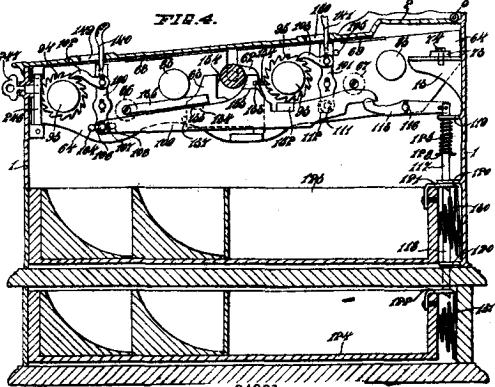
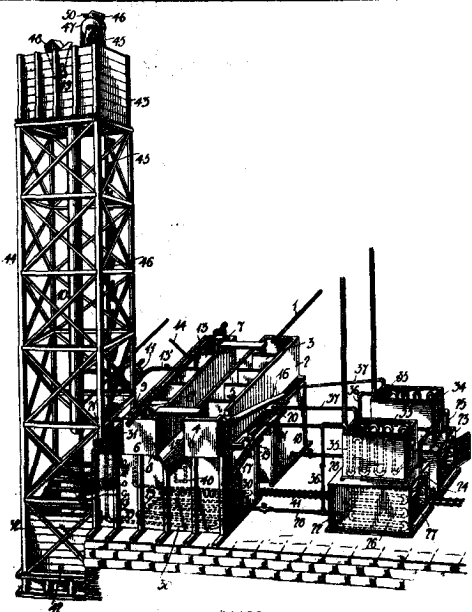


FIG. 4.

24901
Trevellian. Cash-register.



24433
Smith. Ore-treatment.

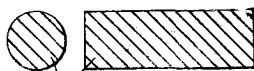


Fig. 1.

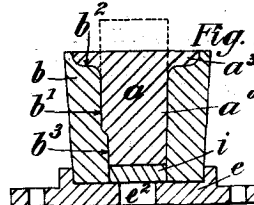


Fig. 2.

24828
Lindsay. Buffer-cylinder.

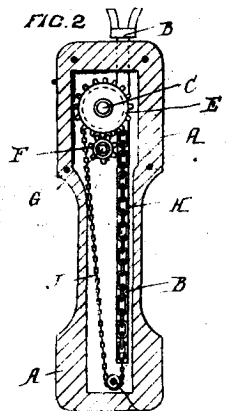
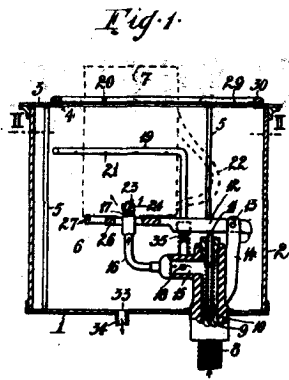
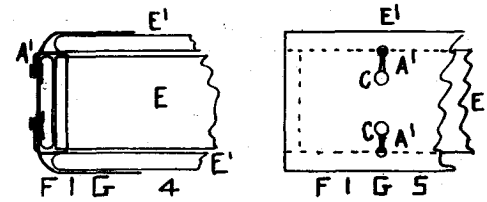
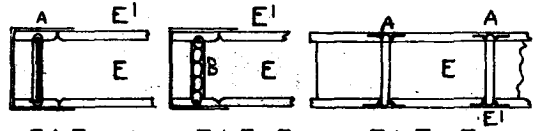


FIG. 2.

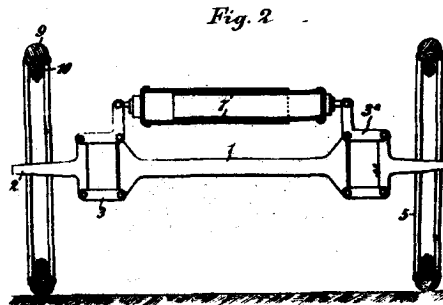
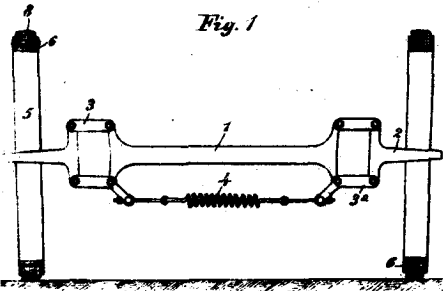
23600
McMaster. Lifting-jack.



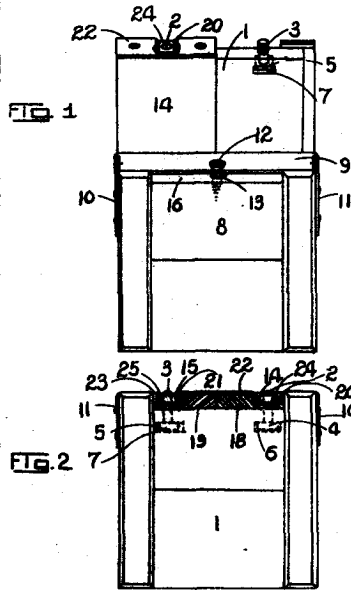
23722
Dixon and Lawrence. Tumbler-washer.



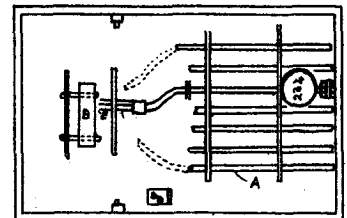
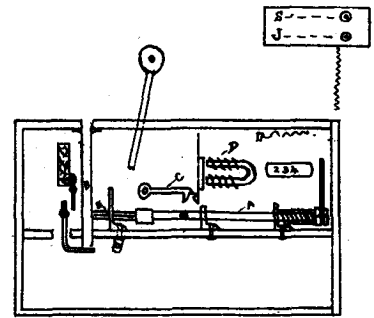
24930
Smith. Book-binding.



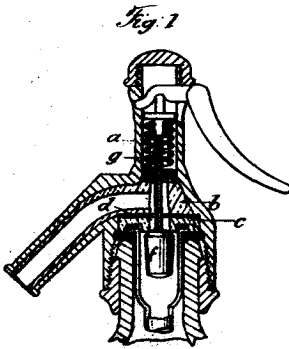
24889
A.G.E.S. Societa. Wheel-axle (Iranieri).



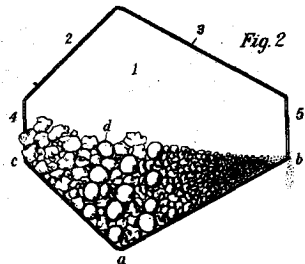
24929
R. Hudson and Co. (Limited). Box. (Hudson.)



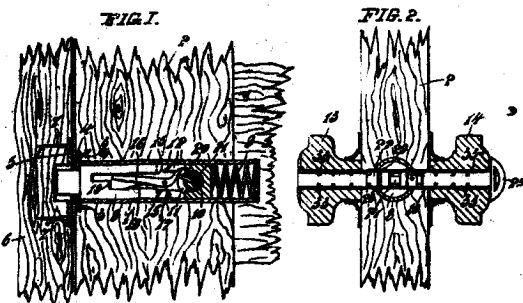
23846
Moss. Vote-recorder.



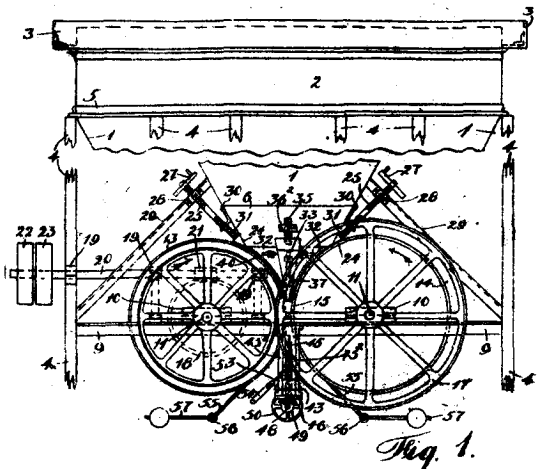
24888
Eugster. Syphon-head.



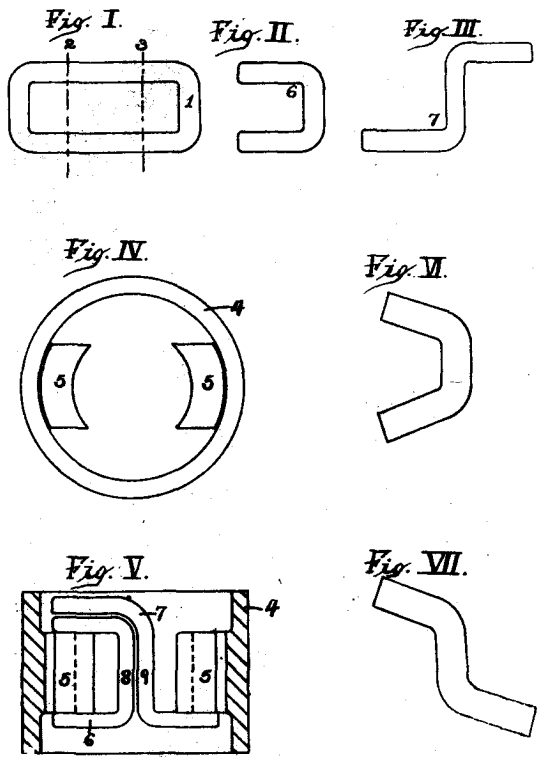
24866
Hardinge. Disintegrating Ores.



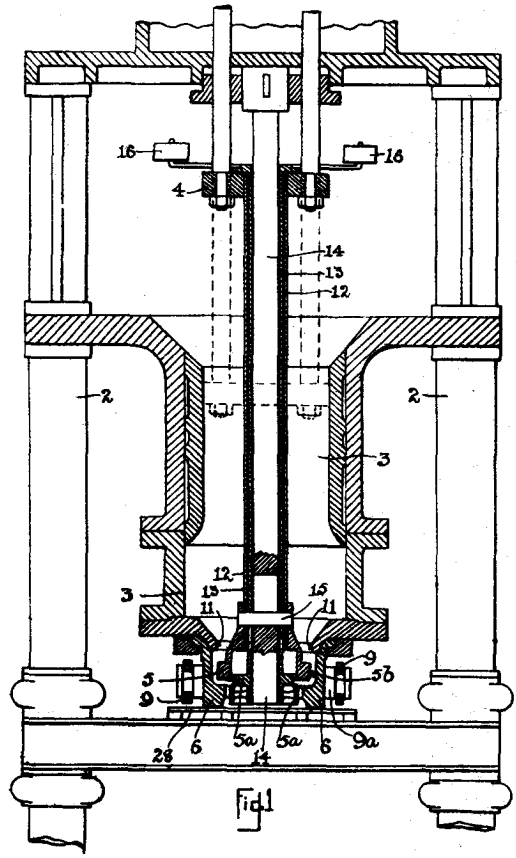
24667
Smith. Mortise-lock.



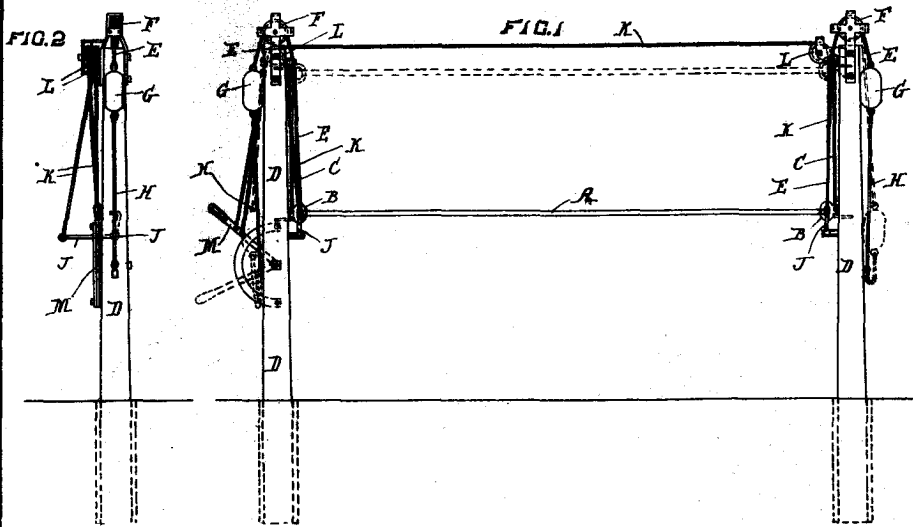
24900
Arbuckle and Osborne. Ore-separator.



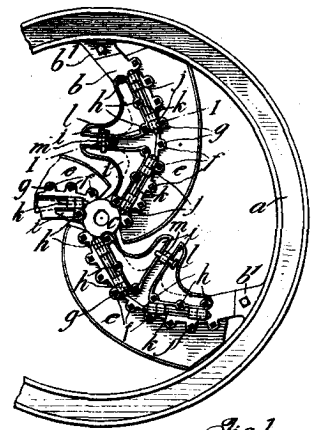
24867
Zone Dynamo and Motor Patents Co. (Limited). Dynamo Electric Machine. (Burleigh)



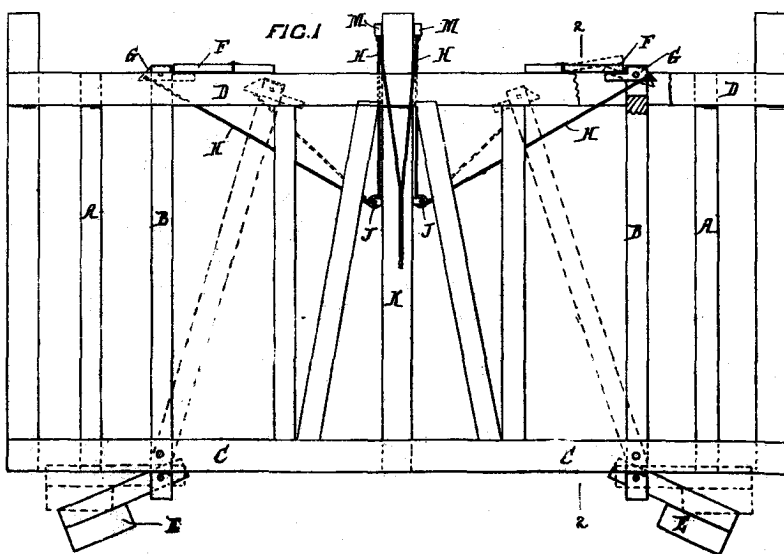
24759
Yarrow. Earthenware-pipe Machine.



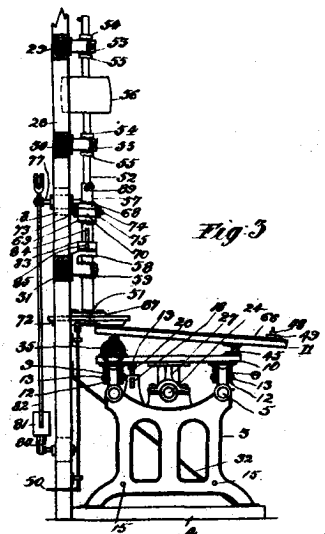
24872
Wood. Race-starter.



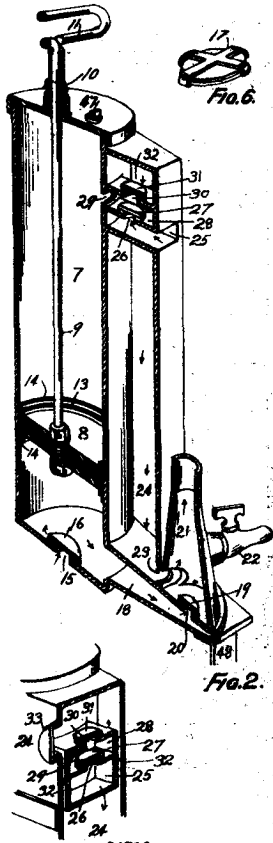
29618
Gale and Gunther. Chaff-cutter.



24914
Campbell and Iwikau. Cow-bell.



24880
Cottrell. Glass-bevelling Machine.



24712
Greer. Fumigator.

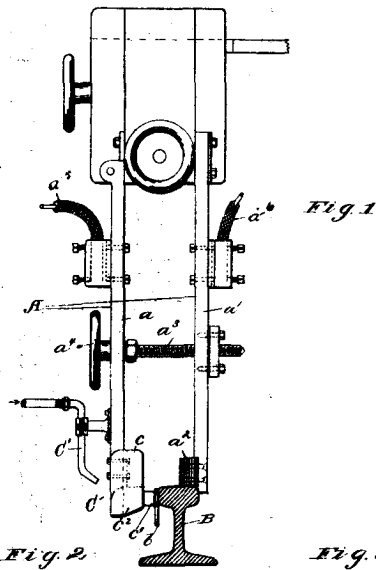
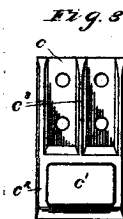
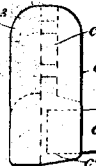
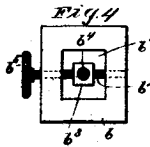
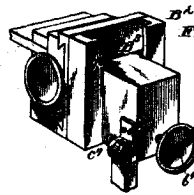
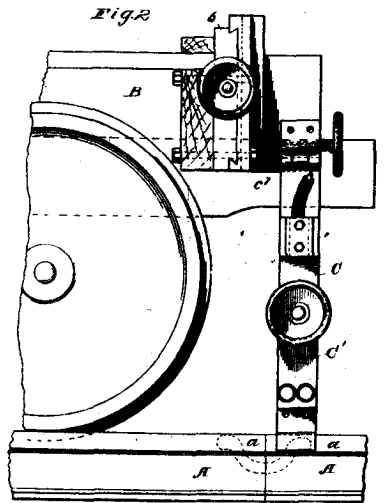


Fig. 2



24273
Hughes. Electric-welding. (Electric Railway Improvement Co.—Herrick.)



24272
Hughes. Rail-bonding. (Electric Railway Improvement Co.—Herrick.)

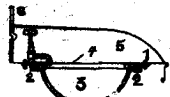
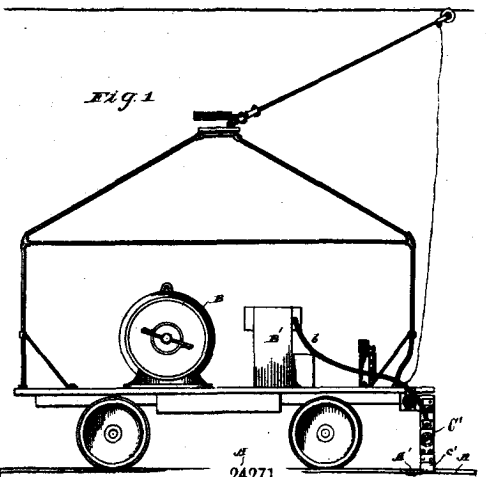
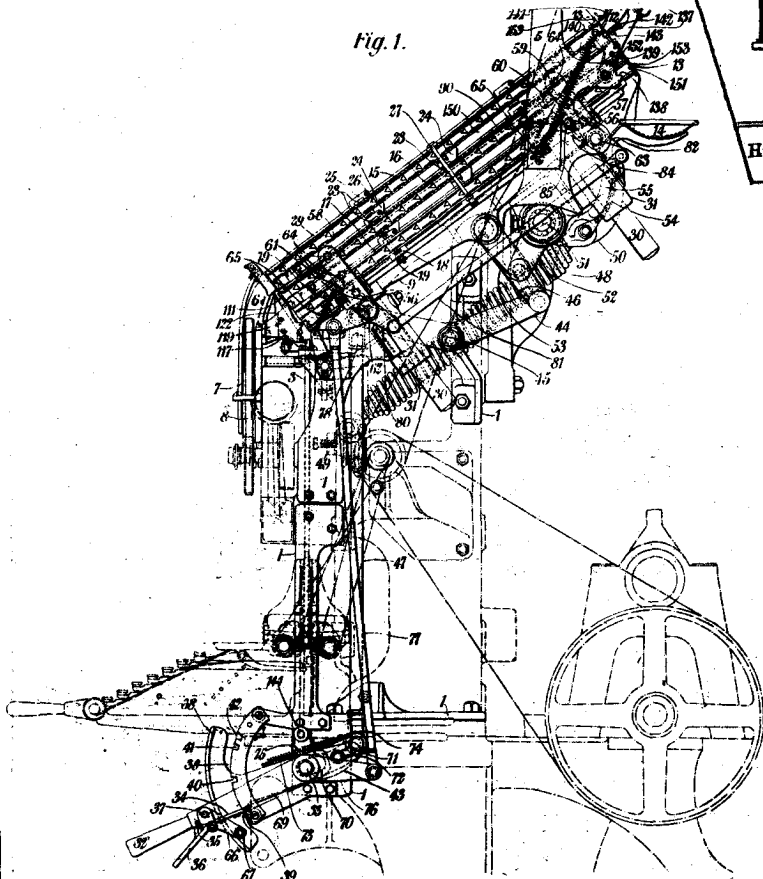


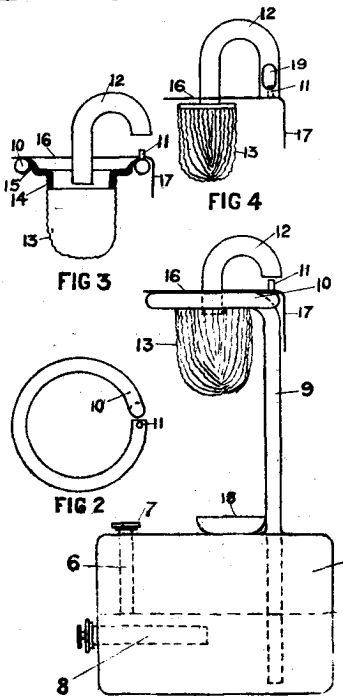
Fig. 1
24891
Moir. Washstand.



24271
Hughes. Rail-bonding. (Electric Railway Improvement Co.—Herrick.)



24908
Hunter. Typographical Composing-machine. (Linotype and Machinery Limited)—Pearce and Billington.)



24876
Preston. Oil-lamp.