

SUPPLEMENT

TO THE

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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 8th August, 1907.

Classified illustrated abridgments of inventions from 1855 to 1904.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to October, 1907.

Index of Applicants.
Subject-matter Index.
Commissioner of Patents Journal, &c. (a).
Trade Marks Journal to August, 1907.

Canada.

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

(a) Discontinued.
(b) In arrears. Not now being printed.

United States.

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

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to October, 1907.

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.

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).

(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, 1906, 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.

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 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 1888 inclusive.

Annual reports of the Registrar, containing alphabetical lists of applicants for letters patent and of inventions patented from 1889 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 supplying forms and for receiving applications for transmission to the Patent Office *without extra charge* have been established at the following places:—

Auckland
Gisborne
Napier
Nelson
Blenheim
Christchurch
Dunedin

} Supreme Court Offices.

Thames
Wanganui
Greymouth
Timaru
Oamaru
Ashburton
New Plymouth
Westport
Hokitika
Invercargill
Queenstown

} District Court Offices.

PATENT AGENTS.

A list of registered patent agents may be obtained on application.

30th November to be a Holiday in Celebration of
St. Andrew's Day.

Office of the Minister of Internal Affairs,
Wellington, 21st November, 1907.

THE Government offices throughout New Zealand will
be closed on Saturday, 30th November instant, in
celebration of St. Andrew's Day.

JOHN G. FINDLAY,
Minister of Internal Affairs.

Applications for Letters Patent filed.

LIST of applications for Letters Patent filed. (Where a
complete specification accompanies an application an
asterisk is affixed; in all other cases a provisional specifica-
tion 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. 23567.—20th November.—F. H. Morton, Auckland, N.Z.
Tire-puncture discoverer.†
- No. 23676.—21st November.—R. M. Baddeley, Auckland,
N.Z.
Securing lids to receptacles.*†
- No. 23705.—13th November.—T. Bolton, Hamilton, Vic.
Disinfectant and insect-destroyer.
- No. 23706.—13th November.—E. H. Lawton, Brighton, Eng.
Advertising device.* (Date applied for under
section 106, 15th December, 1907.)
- No. 23707.—13th November.—F. Fraser, Ingham, Queens-
land.
Pick-head.* (J. Mazlin, Herberton, Q.)
- No. 23708.—13th November.—J. Williams, London, Eng.
Propeller-shaft bearings.*
- No. 23709.—13th November.—E. J. Wood, Castle Bromwich,
Eng., and G. Carson, Hull, Eng.
Axle-box.*
- No. 23710.—13th November.—J. Ferguson and G. Wilkinson,
Auckland, N.Z.
Fencing-wire carrier.
- No. 23711.—13th November.—H. A. Nicholson, Otautau,
N.Z.
Flax-bleaching process.*
- No. 23712.—14th November.—C. J. Reilly, Syracuse, U.S.A.
Separator.*
- No. 23713.—14th November.—D. Finkler, Bonn, Ger.
Rendering grain-pulse, &c., digestible.*
- No. 23714.—14th November.—United Shoe Machinery Com-
pany, Paterson, U.S.A.
Abrading-device. (J. R. Scott.)
- No. 23715.—14th November.—United Shoe Machinery Com-
pany, Paterson, U.S.A.
Burnishing-machine. (W. Jackson and
H. N. Pochin.)
- No. 23716.—14th November.—United Shoe Machinery Com-
pany, Paterson, U.S.A.
Shoe-machine jack. (J. P. Pride.)
- No. 23717.—14th November.—E. Clemens Horst Co., San
Francisco, U.S.A.
Hop-picker.*
- No. 23718.—14th November.—P. Boll, Deniliquin, N.S.W.,
and R. Falkiner, Moonbria, N.S.W.
Driving-mechanism for sheep-shearing
machine.* (Date applied for under sec-
tion 106, 6th August, 1907.)
- No. 23719.—14th November.—L. Taylor and A. C. Gardiner,
Stratford, N.Z.
Milk-cooler.
- No. 23720.—12th November.—H. B. Chapman, Sydney,
N.S.W.
Basket or packet carrier.
- No. 23721.—12th November.—W. G. Richardson, Auckland,
N.Z.
Preparing cattle-food from flax-waste.
- No. 23722.—13th November.—J. Dixon, Prahran, Vic., and
J. C. F. Lawrence, Windsor, Vic.
Counter-apparatus for washing tumblers,
&c.
- No. 23723.—15th November.—R. Thomson, A. J. Lording,
and W. Howden, Day Dawn, W. Aust.
Bottle-mouth and turn plug therefor.*
- No. 23724.—13th November.—C. Rosegger, Auckland, N.Z.
Wall construction.*
- No. 23725.—16th November.—J. Trevethick, Auckland, N.Z.
Securing handles in broom-heads.*
- No. 23726.—16th November.—W. Wiggins, Wellington, N.Z.
Milking-machinery.* (R. A. Wiggins and
C. Bristow.)
- No. 23727.—16th November.—E. Hayes, Rough Ridge, N.Z.
Fencing-link.
- No. 23728.—14th November.—C. E. Keast, Dunedin, N.Z.
Gag for horses, &c.
- No. 23729.—14th November.—J. H. Willson, Waipawa, N.Z.
Gate-hinge.
- No. 23730.—14th November.—P. S. Irwin, Waikaka, N.Z.
Balanced door or window.*
- No. 23731.—15th November.—P. S. Irwin, Waikaka, N.Z.
Ships' rudder.*
- No. 23732.—18th November.—T. Cree, Christchurch, N.Z.
Screwdriver.
- No. 23733.—18th November.—C. H. Westneat, Napier,
N.Z.
Temperature-indicator.
- No. 23734.—18th November.—J. Houston, Auckland, N.Z.
Trolley-head.
- No. 23735.—18th November.—J. J. Taucher, Wellington,
N.Z.
Clothes-peg.*
- No. 23736.—18th November.—A. E. Taylor, Christchurch,
N.Z.
Trunk and hat-box.
- No. 23737.—19th November.—C. E. Turner, Palmerston
North, N.Z.
Picture-hanging attachment.
- No. 23738.—18th November.—D. L. MacKenzie, Dunedin,
N.Z.
Clothes-drainer.
- No. 23739.—20th November.—H. L. Davis and E. Wood,
Melbourne, Vic.
Mariners' compass. (A. F. Smith.)
- No. 23740.—20th November.—A. Linard, Elsternwick, Vic.
Cycle-pump.* (Date applied for under
section 106, 2nd January, 1907.)
- No. 23741.—20th November.—E. Moss and E. F. Dombain,
Christchurch, N.Z.
Temperature-indicator for baled goods.
- No. 23742.—19th November.—W. G. Grave, Oamaru, N.Z.
Horse-cover fastening.*
- No. 23743.—21st November.—Lewis Automatic Coupling
Company, Limited, Sydney, N.S.W.
Railway coupling.* (A. Lewis.)
- No. 23744.—21st November.—T. D. Sinclair, Hastings, N.Z.
Inlet-valve for internal-combustion engine.
- No. 23745.—21st November.—E. Gilshnan, Kakarama,
N.Z.
Butter-box.*
- No. 23746.—21st November.—C. North, Te Awamutu, N.Z.
Willow and noxious-weed exterminator.*
- No. 23747.—21st November.—Parker Machine Company,
New York, U.S.A.
Platen-shifting mechanism for typewriter.*
(J. A. Ronchetti.)
- No. 23748.—21st November.—W. E. Hughes, Wellington,
N.Z.
Typographical composing-machine.* (Lino-
type and Machinery, Limited—W. H.
Scharf.)
- No. 23749.—21st November.—J. S. Dreadon, Mititai, N.Z.
Grindstone.
- No. 23750.—21st November.—A. W. Beere, Palmerston
North, N.Z.
Trolley-head.
- No. 23751.—20th November.—A. Storrie, Invercargill, N.Z.
Ridger and sower.
- No. 23752.—22nd November.—W. and H. Sim, Portico, Eng.
Zinc-oxide production.*
- No. 23753.—22nd November.—J. S. Alcorn, Boston, U.S.A.
Rotary fluid-engine.*
- No. 23754.—23rd November.—F. R. Simmonds and W. Sei-
fert, Takapau, N.Z.
Flax-feed from stripper to washing-machine.
- No. 23755.—23rd November.—F. R. Simmonds and W. Sei-
fert, Takapau, N.Z.
Catcher for stripper.
- No. 23756.—25th November.—M. A. Stitt, Westport, N.Z.
Means for assisting child to walk.*
- No. 23757.—25th November.—A. I. Carr, Wherekopae, N.Z.
Fencing-standard.*
- No. 23758.—25th November.—W. T. Smith, Los Angeles,
U.S.A.
Extracting metals from ores.*
- No. 23759.—25th November.—L. N. Ralph, Pongakawa,
N.Z.
Device for running out barbed wire.
- No. 23760.—26th November.—W. Cusick, Koroit, Vic.
Means for assisting child to walk.
- No. 23761.—26th November.—G. P. Van Wye, New York,
U.S.A.
Vacuum insulated bottle and casing.

No. 23762.—26th November.—The Deutsche Gasgluhlicht Aktiengesellschaft, Berlin, Ger.
Gas-mantle.* (H. Sussmann.)

No. 23763.—21st November.—W. Steele, Mamaku, N Z.
Shaft-attachment for engines and trucks,
&c.

† ERRATA.—In *Gazette* No. 91, of 17th October last, No. 23567 was inadvertently advertised as a fresh application instead of a complete after provisional in respect of Montgomery's former application No. 22423; and in *Gazette* No. 93, of 14th November, 1907, No. 23676 was inadvertently advertised as a fresh application instead of a complete after provisional in respect of Synnerholm's former application No. 23479.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 12th to the 27th November 1907, inclusive:—

- No. 22317.—T. O'Neil, wire distributor and collector.
No. 22421.—M. D. Wreathall, ice-making machine.
No. 22423.—J. Montgomery, cooling-chamber.
No. 22437.—J. S. Kirkpatrick, door or gate fastening.
No. 22440.—J. H. J. Bowater, castrating-tool.
No. 22449.—D. E. Amesbury, tobacco-pipe.
No. 22451.—T. Rolley, casement window.
No. 22472.—A. W. Stone, hide- or skin-measuring machine.
No. 22593.—T. R. Christie, skylight.
No. 22777.—W. B. Miller, steam turbine or rotary engine.
No. 22912.—T. Robson, carpenters' bench stop.
No. 23180.—R. W. Hunter-Weston, rabbit-exterminator.
No. 23479.—J. W. Synnerholm, extracting kauri-gum from sand.
No. 23530.—A. E. Slipper and D. J. Smith, belt-fastener.

Notice of Acceptance of Complete Specifications.

Patent Office,

Wellington, 27th November, 1907.

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. 22005.—3rd September, 1907.—JOHN STEVENSON, of Glenavy, New Zealand, Farmer. Improvements in and relating to ploughs.

Claims.—(1.) In ploughs, the combination therewith of a cultivator attachment secured in a position to the rear of the ordinary mould-boards, and capable of vertical and horizontal adjustment, substantially as and for the purposes specified. (2.) In ploughs, the combination therewith of a bar extending transversely from the plough-frame, a cultivator of ordinary construction the frame of which is hinged to the bar at its forward end, and means whereby such cultivator may be raised or lowered on its hinges, substantially as and for the purposes specified. (3.) In ploughs, the combination therewith of a cultivator attachment secured thereto in the manner set forth in the preceding claims, a rod extending transversely across above the cultivator and adapted to be rotated in fixed bearings, and connecting-arms pivoted to crank-arms upon the rod and connected to the rear end of the cultivator-frame, substantially as and for the purposes set forth. (4.) The improvements in and relating to ploughs substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 22060.—15th November, 1906.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of the said State of New Jersey, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Frederick Henry Perry, of Beverly, Essex, Massachusetts aforesaid, Inventor). Improvements in or relating to machines for inserting fasteners of metal or wire in leather goods and the like, or for producing as well as inserting said fasteners.*

Extract from Specification.—The preferred form of the invention is shown as embodied in a machine for forming

fasteners from continuous material (such, for example, as wire) and inserting them into stock, said machine being adapted to operate upon a plurality of strands of wire so that a plurality of fasteners may be inserted simultaneously. Said machine comprises automatic means for causing the feeding of one strand of wire to be discontinued for a certain number of operations of the machine and thereafter resumed without affecting the operation of feeding the other strand or strands of wire. The machine also comprises means under control of the operator for varying the time of operation of said automatic means so that the sequence in which the fasteners are inserted may be varied. Manually operated means are also provided for rendering said automatic means inoperative while other elements of the machine continue in operation. The machine has mechanism for feeding a plurality of strands of wire into position to be severed to form fasteners which thereafter are carried into alignment with drivers that force them into the stock. In the machine shown the stock is fed intermittently by an awl, but it should be understood that the invention is not limited to this particular kind of feeding-mechanism, as the stock may be fed by any desired means—such, for example, as a feeding-mechanism which acts on the edge of the stock. A movable dial or pattern-device having adjustable controlling-pins is provided for governing the operation of the wire-feeding mechanism for one strand of wire, and the position and arrangement of said controlling-pins may be changed to cause the feeding-mechanism to feed said strand at each operation of the machine or at intermittent operations of the machine, thereby enabling the fasteners formed from this strand to be inserted in any sequence to produce a predetermined design. Means are provided for restoring the dial to starting-position whenever the machine is stopped, so that the same design may be produced repeatedly on different pieces of stock; and, for enabling the same design to be produced on the heel of either a right or a left shoe, additional means are provided for adjusting the dial. Independent means are also provided for causing the dial to remain inoperative while the other elements of the machine continue in operation, and when in its inoperative position a controlling-pin on said dial can be so adjusted as to cause the feeding-mechanism either to act on the wire at each operation of the machine or not at all.

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

(Specification, £1 11s. 6d.; drawings, 4s.)

No. 22067.—15th November, 1906.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Arthur Bates, of Leicester, England, Engineer). Improvements in or relating to clicking-presses.*

Claims.—(1.) In a clicking-press, the employment of a starting-device that moves in company with the press arm or ram, or its controlling-device, for the purpose described. (2.) In a clicking-press, the employment between the driving-gear of the press and the starting-handle for that gear of an operative connection so constructed that the handle is not only moved to position the press arm or ram, but also is differently movable to start the press. (3.) An embodiment of the subject-matter of the preceding claiming clause No. 2 wherein the said handle is guided in the press-arm and utilised without movement relatively to the arm in order to position that arm, and by moving it relatively to the arm in order to actuate the starting-device. (4.) In a clicking-press, the combination of parts 6, 36, 46, 48, 40, 42, Figs. 1, 2, 3, and 4, or 6, 68, 70, 72, 74, 76, 24, 80, Figs. 5 and 6, substantially as described. (5.) The complete press substantially described, and illustrated in Figs. 1, 2, 3, and 4, or Figs. 5 and 6 of the drawing.

(Specification, 9s.; drawings, 3s.)

No. 22077.—16th November, 1906.—THOMAS READ, of Symond Street, Auckland, New Zealand, Jeweller. An improved rubber-heel protector.*

Claims.—(1.) A rubber-heel protector consisting of one or more curved plates with holes cut therein, rivets to fit same, intermediate plates with holes cut therein inserted in rubber heel, and countersunk holes in said rubber heel, all for the purposes above set forth, substantially as described, and as illustrated by the drawings. (2.) A rubber-heel protector consisting of one or more curved plates with holes cut therein, screws to fit same, intermediate plates with holes cut therein inserted

in rubber heel, and countersunk holes in said rubber heel, all for the purposes above set forth, substantially as described, and as illustrated by the drawings. (3.) In a rubber-heel protector, the arrangement, construction, and combination of one or more curved plates with holes therein, rivets or screws to fit same, intermediate plates with holes therein inserted in rubber heel, and countersunk holes in said rubber heel, all for the purposes above set forth, substantially as described, and as illustrated by the drawings.

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

No. 22105.—24th November, 1906.—ARTHUR FRANK GOLDING, Jeweller, and EMMA CAMPBELL, Married Woman, both of Hobart, Tasmania, Australia (assignees of Archibald McGregor Campbell, of Hobart aforesaid. Engineer). An improved variable-speed pulley.*

Claims.—(1.) In a variable-speed pulley of the class having circumferential sections forming the periphery and having means for expanding the sections, a rib on each section which has an inclined face for bearing on the expanding means, the incline being interrupted by a step or steps as and for the purposes explained. (2.) In a variable-speed pulley as claimed in claim 1, the combination with the pulley of a flexible rubber band placed upon or adjacently thereto, as and for the purposes specified. (3.) In a variable-speed pulley of the class indicated in claim 1, the employment of a stepped inclined surface or surfaces for receiving the impact of the expanding means, as and for the purposes explained. (4.) The combination in the rear wheel of a motor-bicycle of a variable-speed pulley of the class indicated in claim 1, stout rods radiating from the pulley sections and secured to sections of the belt-rim, and means for retracting the sections as described. (5.) The combination and arrangement of parts constituting the variable-speed pulley as described, and illustrated in Figs. 6, 7, and 8 of the drawings.

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

No. 22181.—11th December, 1906.—ALEXANDER PARKER, of Dannevirke, New Zealand, Engineer. An improved machine for issuing tickets.*

Extract from Specification.—The machine has been designed for printing any desired matter upon a continuous strip of paper fed through the machine, and then severing the imprinted portion from the strip in order that it may drop clear of the machine. These operations are carried out by a single revolution of a handle. If desired, a numbering-mechanism may be combined with the apparatus, by means of which the tickets printed and severed may be numbered consecutively, such mechanism also being actuated by the handle operating the machine.

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

Specification, 7s. 6d. ; drawings, 2s.)

No. 22276.—7th January, 1907.—HERBERT MANDER and WILLIAM EDINBOROUGH CHAMBERLAIN, both of Feilding, New Zealand, Engineers. Portable tiring-furnace.*

Claims.—(1.) A tiring-furnace constituted by two collapsible rings or hoops arranged concentrically one within the other so as to leave an annular space between them, and the outer one of which is of greater height than the inner, in combination with a hood extending over the space enclosed by the outer hoop and provided with a flue in its top, substantially as and for the purposes specified. (2.) The portable tiring-furnace substantially as described and explained, and as illustrated in the drawings.

(Specification, 2s. 6d. ; drawings, 1s.)

No. 22296.—7th January, 1907.—THOMAS HENRY WILSON, of Norman Park, Brisbane, Queensland, Australia, Brass-founder. Improved sash-adjuster for railway-carriage and other windows.

Claims.—(1.) In an improved sash-adjuster, the combination of a recessed plate fixed to one side of sash, a pawl pivotally connected to said plate, a spring for keeping pawl in engagement with rack on window-frame, and a releasing-

member for breaking engagement, as described. (2.) In an improved sash-adjuster, the combination of a pawl adapted to engage with a rack on window-frame, a spring actuating the same, a releasing-rod connected to pawl and to a bell-crank pivotally connected to cover-plate fixed centrally upon the top rail of the sash, and a knob for operating said bell-crank, as described, and illustrated by drawings.

(Specification, 2s. 3d. ; drawings, 1s.)

No. 22327.—19th January, 1907.—BENONI WILLIAM WHITE, of Shakespeare Road, Napier, Hawke's Bay, New Zealand, Artist. An improvement in spoons.*

Claim.—A spoon having integral teeth around the end of its bowl, bevelled at their tips, and curved inwardly, and channels between the teeth for allowing the food to get away freely, substantially as set forth.

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

No. 22359.—23rd January, 1907.—ARTHUR ASHCROFT, Engineer, and CHARLES RICHARDSON, Clerk, both of Auckland, New Zealand. Improvements in apparatus employed in a process for electrically distilling and purifying gum.*

Claim.—In apparatus for the purpose indicated, the combination with a water-jacketed boiler into which the gum is placed of a dome fitting over and covering the open top of such boiler, such dome being provided with an inspection-door and a flue, substantially as and for the purposes specified.

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

No. 22376.—31st January, 1907.—THOMAS BAIRD BROCK, of Kapunda, South Australia, Australia, Farmer. An improved hand-operated appliance for filling bags with grain and other material.*

Claims.—(1.) A bag-filling appliance comprising a receiving-portion or mouthpiece, and a tubular stem with a valve at the junction of the stem with the mouthpiece, substantially as described and for the purpose set forth. (2.) A bag-filling appliance comprising a conical receiver or mouthpiece, a tubular stem, a pair of flaps pivoted within the upper part of such stem, and a cross-pin or stop engaging such flaps, substantially as described and for the purpose set forth.

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

No. 22945.—4th June, 1907.—THOMAS PARKER, M.I.C.E., of 1B Chapel Street, Edgware Road, London W., England. Improvements in and relating to fuel.*

Claims.—(1.) An improved hard and smokeless fuel prepared from bituminous coal by a process of partial destructive distillation carried on substantially as described. (2.) A process for the preparation of a hard and smokeless fuel from bituminous coal consisting in subjecting the coal to a partial destructive distillation so that the whole mass of the coal is maintained at the temperature of about 800° Fahr. until the illuminating-gases cease to be evolved, and then stopping the distillation and quenching the fuel, substantially as described. (3.) A process for the preparation of a hard and smokeless fuel as described in claim 2, and in which prior to quenching the fuel it is treated with steam, substantially as and for the purposes described. (4.) The described product which consists of a hard homogeneous coke having a high content of hydrogen and a relatively low proportion of carbon, substantially as described.

(Specification, 5s. 6d.)

No. 23053.—26th June, 1907.—WILLIAM WHITE, of 23 Scotchmer Street, North Fitzroy, Victoria, Australia, Estate Agent. An improved interchangeable heel for boots and shoes.*

Extract from Specification.—I accomplish this object by providing means for attaching the said pads to the heels of boots and shoes, consisting of one or more projections having

enlarged heads upon the heel proper engaging slots in the heel-pad, or *vice versa*, in combination with a stationary pin in the heel proper engaging a hole in the heel-pad for preventing the pad from moving laterally, and thereby locking the parts together, the spring of the pad itself being utilised for disconnecting.

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

(Specification, 6s. ; drawings, 1s.)

No. 23089.—4th July, 1907.—ALEXANDER THEODOR PFEIFF, of Wallingatan 22, Stockholm, Sweden, Baron and Constructor. Improvements in liquid-heating apparatus.

Claims.—(1.) In a liquid-heating apparatus, the combination of a number of heating-elements placed one around the other, and forming between them a liquid-passage of U-shaped vertical cross-section, the said heating-elements being tapering upwards so as to give the inlet and outlet ends of the said liquid-passage a small extension in horizontal direction, and connections between said heating-elements, substantially as and for the purpose set forth. (2.) In a liquid-heating apparatus, the combination of a number of heating-elements placed one around the other, and forming between them a liquid-passage of U-shaped vertical cross-section, the said heating-elements being tapering upwards so as to give the inlet and outlet ends of the said liquid-passage a small extension in horizontal direction, connections between said heating-elements, outlets on the latter for the condensed water, and water-seals closing the said outlets, substantially as and for the purpose set forth.

(Specification, 6s. ; drawings, 1s.)

No. 23237.—20th August, 1906.—JULIUS VON BERTOCH, of Kapunda, South Australia, Australia, Licensed Surveyor. An improved machine for clearing land, roads, streets, or the like.

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

Extract from Specification.—My invention relates to an improved machine for clearing land, roads, streets, or the like, and refers more particularly to that class of machines in which the material to be cleared is gathered and conveyed up an endless elevator to a collecting-receptacle. The object of my invention is to provide an effective machine capable of being easily interchangeable for gathering loose stones or stumps, onions, potatoes, earth, and the like, cutting and collecting weeds, and sweeping roads or streets. I accomplish this by providing a machine having a gathering-device consisting of an adjustable stump-jumping rake or scoop of special construction adapted to engage obstacles at or near the surface of the ground, and a rotating double spindle having interchangeable gatherers, beaters, or brushes which carry or convey the material over the rake or scoop to an endless elevator of special construction which conveys the material to a tip receptacle connected to the framework at the rear of the machine.

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

(Specification, 17s. ; drawings, 2s.)

No. 23267.—7th August, 1907.—WILLIAM O'BRIEN, Jun., Miner, and FRED WILLIAM KNIGHT, Storekeeper, both of Waipori, New Zealand. An automatic hydraulic-nozzle operator.*

Claims.—(1.) In hydraulic mining sluicing-nozzles, in combination with them, a motor arranged or geared to give a slow reciprocating motion to said nozzle, all substantially as shown on the drawing, and as described and as explained. (2.) In hydraulic mining sluicing-nozzles, in combination with them, the combined reciprocating and undulating motion given by a motor arranged or geared for same, all substantially as shown on the drawing, and as described and as explained. (3.) An ordinary sluicing universal or swivel jointed nozzle, caused to move as described and explained, for automatically working at a face of wash by a machine, substantially as set forth, and as shown on the drawing.

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

No. 23280.—9th August, 1907.—ERNEST SMITH BALDWIN and HENRIE HAMPTON RAYWARD, carrying on business as Patent Agents at 71 Lambton Quay, Wellington, New Zealand (nominees of John Henry Holman and James Miners Holman, of Cornwall, England, Engineers). Improvements in or relating to rock-drill chucks.*

Claims.—(1.) In rock-drill chucks, a pad (as 4) provided with lugs (as 5) to receive the ends of a U bolt, substantially as and for the purposes specified, and as illustrated in Figs. 1 to 4 of the drawings. (2.) In rock-drill chucks, a pad (as 4) provided with lugs (as 5) in combination with a U bolt (as 6) and a key (as 8) bearing against the under-side of the chuck, substantially as and for the purposes specified, and as illustrated in Figs. 1 to 4 of the drawings. (3.) In rock-drill chucks, a pad (as 4) provided with lugs (as 5) in combination with a bushing (as 2), a U bolt (as 6), a key (as 8), said key bearing against the under-side of said chuck, substantially as and for the purposes specified, and as illustrated in Figs. 1 to 4 of the drawings. (4.) In rock-drill chucks, a pad (as 4) provided with lugs (as 5) to receive the upper ends of a U bolt (as 6), a key (as 8) bearing against the under-side of the chuck, the whole being in combination with the slightly tapered or pig-nosed end (as 11) by means of which the chuck is attached to the piston-rod, substantially as and for the purposes specified, and as illustrated in Figs. 1 to 4 of the drawings.

(Specification, 2s. 6d. ; drawings, 1s.)

No. 23408.—3rd September, 1907.—ALBERT HUGO KORTH, of 41 Marine Parade, Napier, New Zealand, Road and Bridge Contractor. A paving-material and the process of its manufacture.

Claims.—(1.) The described process of making a material to be used for paving footpaths, streets, roads, and suchlike places where ordinary heavy horse and wheel traffic is required. (2.) The simple process of making as described a paving-material consisting of tar, sawdust, lime, resin, pitch, and benzole in quantities as specified, and to be used for the purpose of paving as set forth and distinctly specified. (3.) The described process of making this material for paving purposes without sand or gravel, and its readiness for immediate use for any kind of ordinary heavy horse and wheel traffic, as distinctly specified. (4.) The material so made by the process as described, and to be so used for paving purposes for paths, streets, and roads as an absolute non-dust-generator, it being free from all kinds of sand or gravel, or any kind of material liable to friction and being ground into dust, thereby insuring the construction of clean and solid streets if used and made as specified.

(Specification, 2s. 6d.)

No. 23499.—20th November, 1906.—WILLIAM GEORGE LANDELLS, of Service Street, Coburg, Victoria, Australia, Carpenter; and HENRY JAMES HUCKSON, of Pakenham, Victoria aforesaid, Labourer. A combined self-heating soldering-bolt, blow-lamp, and burning-off amp.

[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.) The combination and arrangement of the liquid-fuel reservoir A, air-pump, adjustable frame B, and soldering-bolt H (made with a concave rear face I) with the priming-cup Q, air-inlet shield R, openings S, pivoted disc U, pipes a and b, and junction-piece c, perforated gravity-tube K with sleeve M, perforated pipe L, and air-releasing valve u, as and for the purpose described. (2.) The combination and arrangement with the liquid-fuel reservoir A of the perforated pipe L, perforations N, gravity-tube K having the perforations P provided in the bottom thereof, as and for the purpose described. (3.) The combination and arrangement of the reservoir A (having a cone-shaped outlet f) with the priming-cup Q, as and for the purpose described. (4.) The combination and arrangement of the reservoir A, air-pump, air-inlet shield R, priming-cup Q, block X, pipes a and b, junction-piece c, and nipple d, as and for the purpose described.

(Specification, 5s. 6d. ; drawing, 2s.)

No. 23505.—23rd September, 1907.—ARTHUR REDMAN WILFLEY, of 1300 High Street, Denver, Colorado, United States of America, Mining Engineer. Improvements in ore-roasting process.

Extract from Specification.—In my improved process I make provision for an even roast of the ore by causing it to travel downwardly with a current of hot air instead of upwardly against said current as is the usual custom. Furthermore, at the lower extremity of the flue through which the ore is travelling downwardly I provide a cooling-medium, preferably a water-jacket, which is downwardly and outwardly inclined from the flue, whereby the ore is simultaneously cooled and carried outwardly away from the flue preparatory to its discharge from the furnace.

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

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

No. 23536.—1st October, 1907.—COMMONWEALTH MANUFACTURING AND GALVANISING COMPANY, LIMITED, of Elizabeth Street, Brisbane, Queensland, Australia (assignees of William Job Howcroft, of Brisbane, Queensland, Engineer and Pattern-maker and Galvanised-iron Worker). A machine for folding the edges of sheet metal.

Claims.—(1.) In an ordinary tinsmiths' folding-machine, the substitution of a bevelled blade B of any desired metal, shape, or dimensions in lieu of the ordinary blade as usually supplied. (2.) In an ordinary tinsmiths' folding-machine, the addition of a blade B of any desired metal, shape, or dimensions working radially into and engaging with blade B. (3.) In an ordinary tinsmiths' folding-machine, the addition of the necessary fixed and movable frames F and F¹ of any desired metal, shape, or dimensions to which blade B¹ may be attached and by which said blade B¹ can be worked.

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

No. 23542.—30th September, 1907.—WILLIAM HENRY LAWRENCE, Engineer, and ROBERT KENNEDY, Dairyman, both of Lawrence and Kennedy, 346 Pollokshaws Road, Glasgow, Scotland (nominees of Harvey Feldmeier, of Little Falls, New York State, United States of America). Improvements in suction milking-machines.

Extract from Specification.—The object of this invention is to actuate simultaneously and synchronously one or more pulsating apparatus, conveniently situated in proximity to the teat-cups of the milking-apparatus, by intermittent and variable fluid-pressure transmitted through suitable pipes or channels from what may be termed a primary pulsator, which may be stationary and situated at any suitable distance from the secondary pulsators. With this system, which we may term a telepulsating system, two sets of pipes or channels are provided, one set connecting the suction-producing apparatus with the milk-receiver and indirectly with the teat-cups in which suction is constantly applied and by which the milking is effected, while the other set connects the primary with the secondary or telepulsators, causing the pistons or diaphragms of the latter to reciprocate and operate the pulsating valves which transform the continuous suction into intermittent suction and release at the teat-cups connected therewith. The secondary pulsators, which can be operated by two methods, are by one method actuated by continuous suction or pressure in conjunction with the fluid-pulsations transmitted by the primary pulsator, and by the other method they are actuated by the combined effect of the said fluid-pulsations in conjunction with the action of a spring or weight. In the first method the piston or diaphragm of the secondary pulsator is constructed on the differential principle described in the specification of letters patent hereinbefore referred to, having a lesser effective area upon which continuous suction or pressure is caused to act and a greater effective area upon which the fluid-pulsations of the primary pulsator are caused to act, producing reciprocations of the piston or diaphragm. In the second method a spring or weight is applied to the piston or diaphragm in place of the continuous suction, which tends to move the piston or diaphragm always in one direction.

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

(Specification, 17s.; drawing, 2s.)

No. 23543.—30th September, 1907.—WILLIAM HENRY LAWRENCE, Engineer, and ROBERT KENNEDY, Dairyman, both of Lawrence and Kennedy, 346 Pollokshaws Road, Glasgow, Scotland (nominees of Loomis Burrell, of Little Falls, New York State, United States of America). Improvements connected with suction milking-machines.

Claims.—(1.) A suction milking-machine having pneumatically operated and portable pulsating-apparatus for intermittently varying the degree of suction or fluid pressure at the teat-cups characterized by means for actuating the device which controls the movements of the pulsating of the said apparatus, substantially as described. (2.) A suction milking-machine having pneumatically operated and portable pulsating-apparatus for intermittently varying the degree of suction or fluid pressure at the teat-cups characterized by independent and yet portable motor-mechanism for actuating the valve which controls the movements of the pulsator of the said pulsating-apparatus, substantially as described. (3.) A milking-machine such as claimed in claim 1 having a portable spring-actuated motor for operating the controlling-valve of the pulsating-mechanism, substantially as described. (4.) A milking-machine such as claimed in claim 1 having an electrically actuated portable motor for operating the controlling-valve of the pulsating-mechanism, substantially as described. (5.) A milking-machine such as claimed in claims 1 and 2 having a cam for actuating the controlling-valve of the portable pulsating-apparatus, said cam being actuated by motor-mechanism, substantially as described. (6.) A milking-machine such as claimed in claim 1 having an electro-magnetic mechanism for actuating the controlling-valve of the pulsator, a generator and a circuit-breaker for supplying current intermittently to the electro-magnetic mechanism, substantially as described. (7.) Independent and portable motor-mechanism for operating the controlling-valve of the portable vacuum pulsating-mechanism of suction milking-machines constructed substantially as hereinbefore described, and shown under modifications on the drawings.

(Specification, 10s.; drawing, 2s.)

No. 23544.—30th September, 1907.—ROBERT FORBES MOORE, of Auckland, New Zealand, Civil Engineer. A metal-encased ferro-concrete bollard.

Claim.—The metal-encased ferro-concrete bollard specified consisting of a metal skin or casing having rods set in concrete rammed hard therein, with a shoulder and foot to said skin or casing, combined in the manner and for the purpose set forth, as described and illustrated.

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

No. 23560.—5th October, 1907.—ALBERT CEDERMAN, of Hokitika, Westland, New Zealand, Engineer. Improvements relating to sprocket-chains.

Claim.—In a sprocket-chain, the combination with the double links having recessed ends of a single link having cylindrical bosses at each end adapted to fit said recesses and between the two parts of said double link.

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

No. 23570.—10th October, 1907.—DAVID HECTOR BATCHELOR, of 32 Grosvenor Crescent, Summerhill, Sydney, New South Wales, Australia, Clerk of Works. An improved interlocking roofing-tile.

Claims.—(1.) A roofing-tile characterized by a pair of right-angular lips extending along two adjacent sides of its upper face, a pair of similar lips extending along the two opposite sides on its under-face, a lug projecting from the under-face of the tile, and means for securing the tile to the battens of the roof, substantially as described, and illustrated in the drawings. (2.) An improved interlocking roofing-tile consisting of the modification of the tile referred to in claim 1 for the purpose of forming the ends of a roof, substantially as described, and as illustrated in the drawings. (3.) An improved interlocking roofing-tile consisting of the modification of the tile referred to in claim 1 for the purpose of forming the eaves of a roof, substantially as described, and as illustrated in the drawings.

(Specification, 3s. 6d.; drawing, 2s.)

No. 23573.—10th October, 1907.—DOCTOR LÉON LOUIS JOSEPH PARANT and ALPHONSE PETRUS PICHON, both of Geneva, Switzerland, Manufacturers. Process for decolouring tobacco-leaves.

Claims.—(1.) Process for discolouring tobacco-leaves characterized by making use of more or less diluted acetic or nitric acid as discolouring means. (2.) Process for discolouring tobacco-leaves characterized by making use of more or less diluted azotic or nitric acid as discolouring means, the temperature being constantly maintained between 20° to 25° C. (3.) Process for discolouring tobacco-leaves characterized by making use of more or less diluted azotic or nitric acid as discolouring means, the discolouring-bath being constantly agitated during the whole process. (4.) Process for discolouring tobacco-leaves characterized by making use of more or less diluted azotic or nitric acid as discolouring means, volatile saltpetre or nitrate of ammonia being added to the bath. (5.) Process for discolouring tobacco-leaves characterized by making use of more or less diluted azotic or nitric acid as discolouring means, an acid bath partly saturated with salts of the same nature as the soluble salts contained in the leaves being used. (6.) Process for discolouring tobacco-leaves characterized by making use of more or less diluted azotic or nitric acid as discolouring means, the leaves being immersed after discolouring into a tobacco-juice.

(Specification, 3s. 9d.)

No. 23574.—10th October, 1907.—EUGENE RICHARD SENIS LARBALESTIER, of 214 Enmore Road, Enmore, near Sydney, New South Wales, Australia, Dentist. A device for preventing the cracking and breaking of glass lamp-chimneys and the like.

Claim.—A device for preventing the cracking and breaking of glass lamp-chimneys and the like constructed of metal or metal wire, and having one or more lower members whose extremities are adapted to come into contact with the inner face of the chimney, and one or more upper members whose extremities are free from contact with the glass, substantially as described.

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

No. 23575.—10th October, 1907.—WILLIAM CHARLES STEPHENS, of "Endsleigh," Camborne, and "Climax" Rock-drill Works, Carn Brea, both in Cornwall, England, Engineer. Improvements in boring or drilling rocks and the like, and apparatus therefor.

Claims.—(1.) In the boring or drilling of rocks and the like by apparatus of the reciprocating type, the method wherein air is forced through the boring-bit directly into the bottom of the hole being drilled, substantially as and for the purpose described. (2.) In a rock or like drill of the reciprocating type, the employment of a boring-bit having a longitudinal hole extending throughout its length, and of means for placing the said longitudinal hole in communication with a supply of pressure-air as the bit reciprocates, substantially as described. (3.) In a rock or like drill of the reciprocating type, the employment of a boring-bit having a longitudinal hole extending throughout its length, the said hole being in communication with a hole in the piston-rod through which a supply of air is obtained either from the drill-cylinder or from an independent source, substantially as described. (4.) A rock or like drill of the reciprocating type comprising a boring-bit having a longitudinal hole extending throughout its length, a piston-rod to which the said bit is attached, and which is provided with a hole in communication with the hole in the said bit, the hole in the piston-rod being in communication with a groove around the piston-rod, which is maintained in communication with the interior of the drill-cylinder either directly or through the medium of a groove in the cylinder-head or in the bushing in the said head, substantially as described. (5.) A rock or like drill comprising a drill-bit having a longitudinal hole extending throughout its length, the said hole being in communication with a hole in the piston-rod, which is itself in communication with a hole or passage extending through the piston, whereby a supply of compressed air is conveyed through the drill-bit from the back of the piston, substantially as described. (6.) Apparatus for drilling rocks and the like constructed substantially as described, and illustrated respectively in Figs. 1 and 2, 3 and 4, 5 and 6, 7, and 8 of the drawing.

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

No. 23579.—11th October, 1907.—LAURENCE DUNNE, of Matawhero, Poverty Bay, Auckland, New Zealand, Dairyman. Improvements in covers for hay-stacks and the like.

Claims.—(1.) A covering of the class described comprising, in combination, posts sunk into the ground and projecting therefrom, uprights clamped to the posts, rafters clamped to the uprights, sheets of corrugated iron secured to battens, scantlings kept in place by the rafters and supporting the battens, and a ridge-plate, substantially as set forth. (2.) In a covering of the class described and as claimed in claim 1, brackets secured to the rafters, battens halved together and secured outside the corrugated sheets, and scantlings resting on the brackets and supporting the battens, substantially as set forth. (3.) The combination and arrangement of parts comprising the improvements in covers for hay-stacks and the like constructed and arranged substantially as and for the purposes set forth.

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

No. 23586.—14th October, 1907.—FREDERIC HENRY TREVELLIAN, of 71 Lambton Quay, Wellington, New Zealand, Cash-register Expert. Improvements in cash-registers.

Claims.—(1.) In a cash-register of the class described, the combination with bands of paper whereon invoices are written in duplicate, and means for traversing an amount of the paper equal to the length of an invoice, of a third band of paper, a roller receiving this third band, a ratchet-wheel attached to the said roller, and a pawl engaging the teeth of the ratchet-wheel, and operated by the means employed for traversing the invoice paper bands, substantially as set forth. (2.) In a cash-register of the class described, in combination with bands of paper, and rollers upon which the said bands are coiled, of a roller below which the bands are passed, a roller whereon the paper is received, a roller between the two rollers, and means for gripping the paper between the intermediate roller and the outer rollers, substantially as described. (3.) In a cash-register of the class described, a roller, pivoted brackets in which the roller is mounted, screws through the ends of the brackets, and pivoted plates against which the screws bear, substantially as set forth. (4.) In a cash-register of the class described, a roller pivoted in vertical slots, and spring-operated and pivoted arms supporting the roller, substantially as described. (5.) In a cash-register of the class described, a wheel, a cam projecting laterally from the face of the wheel, a spring-operated bolt having a lateral head adapted to be engaged by the cam, a cross-head on the bolt, and a stop projecting from the face of the wheel, substantially as described. (6.) In a cash-register of the class described, a wheel having a cam projecting laterally from its face, a spring-operated bolt having a lateral head adapted to be engaged by the cam, a pivoted detent normally retained by the bolt, and a drawer having a lug adapted to be engaged by the detent, substantially as set forth. (7.) In a cash-register of the class described, a spring-operated bolt, means for raising the said bolt, a pivoted detent normally retained by the bolt, and a drawer having a lug adapted to be engaged by the detent, substantially as set forth. (8.) In a cash-register of the class described, in combination, an operating handle, a shaft adapted to receive the handle, a toothed wheel secured upon the shaft, a second toothed wheel gearing with the first toothed wheel, a roller upon which the second toothed wheel is secured, a second roller above the first roller, pivoted brackets in which this second roller is mounted, screws through the ends of the brackets, pivoted plates against which the screws bear, a third roller pivoted in vertical slots below the first roller, and spring-operated and pivoted arms supporting the roller, substantially as described. (9.) In a cash-register of the class described, a toothed wheel, a cam projecting laterally from the face of the wheel, a spring-operated bolt having a lateral head adapted to be engaged by the cam, a stop projecting from the face of the wheel, a second toothed wheel with which the first toothed wheel gears, and a pawl preventing backward motion of the said second wheel, substantially as set forth.

(Specification, 9s. 9d.; drawings, 3s.)

No. 23591.—15th October, 1907.—EDWARD MARTIN EDKINS, of Dannevirke, New Zealand, Engineer. Improved feeding-mechanism for saw-benches.

Extract from Specification.—The means devised for carrying out the invention consists in a combination of the ordinary feeding-rollers mounted on a shaft upon which is also a fixed

roller rotating in a forward direction, of a second shaft mounted in a parallel line beneath, and adapted to be moved towards or away from the main shaft. On this shaft is fixed a roller, which, by the movement of the shaft, will be caused to engage with its periphery against the periphery of one of the feeding-rollers, or to be free thereof. This shaft is caused to revolve in a direction such that, when its roller is brought into touch with the feeding-roller above, such roller will be caused to rotate in a reverse direction.

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

(Specification, 4s. 9d.; drawings, 1s.)

No. 23630.—22nd October, 1907.—THOMAS PARKER, M.I.C.E., of 13 Chapel Street, Edgware Road, London W., England, Engineer. Improvements in and relating to the production of fuel.

Claim.—In a process for the partial destructive distillation of coal at a low temperature which is arrested at the stage when illuminating-gas ceases to be evolved for the production of a smokeless fuel, the application of heat to the coal to be treated gradually and slowly up to a maximum ultimate temperature of about 800° Fahr., for the purpose and substantially as described.

(Specification, 2s. 9d.)

No. 23695.—4th November, 1907.—CLIFFORD TATTERSFIELD, of Gisborne, Auckland, New Zealand, Dyer and Cleaner. Improved waterproof solutions.

Claims.—(1.) The waterproof solution consisting of 1 to 30 per cent. of lanoline (or other fat having the like suitable properties as lanoline) mixed with 70 to 99 per cent. of benzol, benzoline, turpentine, or other solvent having the like suitable properties as benzol, benzoline, or turpentine, for the steeping purpose set forth as described. (2.) The fixing-solution consisting of 5 to 10 per cent. of acetate of alumina, lime, or other fixing agent having the like suitable properties as acetate of alumina or lime, for fixing the waterproof solution covered by claim 1 in the manner set forth as described.

(Specification, 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, 27th November, 1907.

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

- No. 23503.—D. Brisbane, economical form of power.
- No. 23557.—W. M. Ross, septic tank and filter.
- No. 23623.—T. Falvey, temperature-detector.
- No. 23624.—E. de Cossey, pump.
- No. 23625.—F. Wilkins, candle holder and extinguisher.
- No. 23631.—D. W. McLean, tire-protector.
- No. 23632.—A. Parker, stamp, &c., vending-machine.
- No. 23633.—H. A. Cornes, razor-strop attachment to men's braces.
- No. 23634.—R. A. O. Walter, envelope.
- No. 23638.—G. Parrish, attaching hames to horses' collar.
- No. 23640.—J. R. Park, manufacture of filaments for incandescent electric lamp. ("Z" Electric Lamp Syndicate, Limited—H. Zerning.)
- No. 23641.—A. L. J. Tait, clothes line and fasteners.

B

No. 23642.—S. G. Roseman, attaching broom-handles to head.

No. 23646.—A. E. Moss, vote-recorder.

No. 23652.—E. J. Gee, sun-blind.

No. 23653.—B. Jeffery, gas-flashlight apparatus.

No. 23656.—F. N. Jones, poncho.

No. 23657.—S. Coleman and A. J. O. Slight, test-cup mouthpiece.

No. 23659.—J. M. Youngson, coupling-hook.

No. 23660.—T. C. McLennan, lock-fastening.

No. 23664.—R. D. Long, internal-combustion engine.

No. 23666.—J. Sharp, C. Domars, F. Dedden, and R. W. Fraser, rotary engine and pump.

No. 23669.—J. Coulthard, broom-handle machine.

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 14th November to the 27th November, 1907, inclusive:—

- No. 21028.—T. C. Fowler, bicycle-frame.
- No. 21087.—W. O. Beere, drawing-instrument.
- No. 21142.—T. E. Taylor, tram-rail cleaner.
- No. 21408.—C. Tandy, shearing-machine.
- No. 21420.—J. D. McLaurin, wool or hemp tester for heat or moisture.
- No. 21597.—W. E. Hughes, moulding-machine. (A. Holloway.)
- No. 21633.—E. R. Godward, preventing vibration of gas-burner.
- No. 21670.—J. D. McLaurin, toaster and griller.
- No. 21678.—W. T. Wingfield and C. W. Hermann, self-inking stamp-pad.
- No. 21689.—W. Dall, bias-adjustment for bowls.
- No. 21696.—J. D. McLaurin, lamp-glass cleaner.
- No. 21733.—G. Coates, wire-strainer.
- No. 21924.—J. T. Reece, frames for tents, trestles, &c.
- No. 22349.—J. Gascard and R. Shimmen, grading and cleaning potatoes.
- No. 22640.—T. Tait, wire-fence dropper.
- No. 22794.—D. McKenzie, flax-stripper.
- No. 22951.—G. G. Turri, procuring textile fabrics from certain plants. (Jute and Hanf Industrie Aktien-Gesellschaft—F. Fuchs.)
- No. 23078.—W. Grattan, furniture drawers and fittings.
- No. 23083.—E. White, ointment.
- No. 23190.—C. A. Parsons, blading for turbine-compressors.
- No. 23191.—F. T. Snyder, ore-treatment.
- No. 23193.—J. Thompson, hanging and adjusting window-sashes.
- No. 23235.—A. Stokes, A. Heither, and A. W. Heither, anaesthetic compound.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 17152.—The Natural Food Company, biscuit-manufacture. (H. D. Perky.) 14th November, 1907.
- No. 17284.—G. F. Holden, compressing chaff, &c., into bales. 21st November, 1907.
- No. 17294.—C. L. Holm, box-bearing for shafts. 14th November, 1907.
- No. 17303.—L. B. Horrocks, vending-machine. 21st November, 1907.
- No. 17320.—Martin Ekenberg's Aktiebolag, liquid-evaporating, &c. (M. Ekenberg.) 14th November, 1907.
- No. 17343.—The Gröndal Kjellin Company, Limited, reducing iron-ore to iron-sponge. (Metallurgiska Patent-aktiebolaget—G. Gröndal.) 21st November, 1907.
- No. 17344.—The Gröndal Kjellin Company, Limited, magnetic separation of iron-ore. (Metallurgiska Patent-aktiebolaget—G. Gröndal.) 21st November, 1907.
- No. 17388.—T. C. Hement, sheet-metal plying. 23rd November, 1907.
- No. 17453.—United Shoe Machinery Company, buffing-rolls. (W. Gordon.) 21st November, 1907.

THIRD-TERM FEES.

- No. 13198.—W. H. Eyres, wool-clipper. 13th November, 1907.
- No. 13218.—The Royal Bank of Australia, Limited, ore-roasting furnace. (T. D. Merton.) 21st November, 1907.

No. 13261.—Warp Twisting-in Machine Company, warp twisting-in machine. (Warp Twisting-in Machine Company.—A. Goss.) 14th November, 1907.

No. 13275.—Monotype Machine (Colonial Patents) Syndicate, Limited, type-forming machine. (Lanston Monotype Machine Company—T. Lanston.) 13th November, 1907.

No. 13334.—Loop-lock Machine Company, boot-machine. (E. E. Bean.) 14th November, 1907.

Subsequent Proprietors of Letters Patent registered.

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

NO. 15241.—Mary Ellen Chirnside and Isabella White, both of Dunedin, in the Provincial District of Otago, and Dominion of New Zealand, Widows, registered as proprietors as tenants in common in equal shares for the City of Dunedin, and a radius of ten miles from the Central Dunedin Post Office, but not elsewhere. Dress-cutting chart. [L. Roberts.] 13th November, 1907.

No. 16744.—Linotype and Machinery, Limited, of 188 and 189, Fleet Street, London, England. Linotype machine. [Toronto] Type Foundry Company, Limited—D. A. Poe and W. H. Scharf.] 25th November, 1907.

No. 18958.—Huff Electrostatic Separator Company, a corporation organized and existing under the laws of the State of Maine, United States of America, and having a place of business at 191, Middle Street, in the City of Portland, State of Maine, United States of America, Electrostatic separation. [C. H. Huff—C. H. Huff, G. W. Pickard, and P. H. Wynne.] 19th November, 1907.

Nos. 21017 and 21867.—Benjamin Crawford, of St. Mary's Road, Ponsonby, Auckland, in the Dominion of New Zealand. Boiler and hot-water system respectively. [B. Crawford and H. A. Tattersall.] 7th November, 1907.

Request to amend Specification allowed.

THE request to amend specification No. 21940—J. and A. Burfoot, pneumatic wheel (advertised in Supplement to *New Zealand Gazette* No. 75, of the 22nd August, 1907)—has been allowed.

Applications for Letters Patent abandoned.

LIST of applications, with which provisional specifications only have been filed, abandoned (i.e., complete specifications not lodged) from the 14th October to the 27th November, 1907, inclusive:—

No. 22310.—J. Whiting, target-repairing apparatus.
No. 22314.—H. H. Johnson and E. Moin, gas-lamp lighter, &c.

No. 22315.—G. C. de Witt, production of pigment.
No. 22318.—A. H. Byron and R. R. Richmond, billiard-toy.
No. 22319.—T. Roberts, window.

No. 22320.—W. C. Bradshaw, propelling steam-vessels.
No. 22321.—F. J. Arthur, tire-inflator.
No. 22323.—H. Corbett, food and tonic. (F. J. Corbett.)

No. 22324.—J. A. Rollo, weeding-implement.
No. 22325.—J. H. Pollock, racehorse-controller.
No. 22331.—E. H. Featon, brake.

No. 22333.—R. B. Topp, liquid-gauge.
No. 22344.—W. C. Bradshaw, plaster.
No. 22345.—G. W. Berry, soldering-cans.

No. 22348.—F. S. Buckingham, animal-trap.
No. 22350.—J. Higginson, jun., teat-cup.
No. 22356.—A. H. Byron and R. R. Richmond, protractor.

No. 22357.—A. H. Byron and R. R. Richmond, vessel-shaft.
No. 22361.—R. S. Shepherd, bedstead-foot.

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 14th to the 27th November, 1907, inclusive:—

No. 21634.—A. J. Hutchinson, household indicator.
No. 21644.—H. W. J. Muscutt, breeching-strap.
No. 21646.—M. A. Grant, roasting auriferous earths.

No. 21647.—M. A. Grant, converting burnt clay into pottery, &c.
No. 21651.—H. Corrick, baled-goods indicator.

No. 21693.—A. L. Speden, castor.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 14th to the 27th November, 1907, inclusive:—

No. 21139.—E. J. Shields, gambrel.
No. 21144.—J. E. Beckwith, vehicle-wheel.
No. 21146.—G. E. Churches, rubber-tube cleaner.
No. 21156.—E. S. Evelyn, receptacle-closure.
No. 21170.—D. A. C. Brown, toy.
No. 21205.—A. J. Carrigan, fire-lighter.
No. 21209.—H. Taylor, fireproof starch, &c.
No. 21221.—W. M. Jamieson, tire protector.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 14th to the 27th November, 1907, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 16796.—H. Davidson, P. J. Causer, and P. B. Richards, wire-strainer.

No. 16807.—E. S. Smith, mechanical stirrer.
No. 16808.—Regenerated Cold-air Company, apparatus for treating air. (F. White.)

No. 16813.—C. C. Kidd and P. Kilkelly, ditch-plough.
No. 16816.—Foreign McKenna Process Company, charging-machines for rails, &c. (D. H. Lentz.)

No. 16823.—T. McDonough, oil-lamp.
No. 16824.—J. F. W. H. Shadick, valve for high-pressure tap.

No. 16825.—W. E. Holderman, slimes-treatment.
No. 16833.—A. S. Dewhirst, brooch-pin.
No. 16836.—A. Huck and L. Fischer, photographic, &c., printing support.

No. 16847.—T. D. C. Maxted, water-closet seat.
No. 16853.—The General Cement Company, Limited, treatment of blast-furnace slag. (H. Passow.)

No. 16868.—J. G. Lodge, window-sash support. (G. Barnes)

No. 16869.—J. Thomas, automatic coupling.
No. 16873.—W. E. Hughes, draw-off tap for kerosene-tin. (W. T. Nuttall.)

No. 16885.—W. A. Shields, securing dropper to wire fence. (F. Yctt.)

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 12874.—G. E. T. Tuck, hoisting-gear.
No. 12891.—W. Bromley, insecticide.

No. 12902.—The British Westinghouse Electric Manufacturing Company, Limited, electric generator and motor. (N. W. Sorer.)

No. 12906.—M. W. Hanks, support for Nernst lamp glower.
No. 12907.—H. N. Potter, ballast-resistance for Nernst lamp.

No. 12908.—A. J. Wurts, system of lighting by Nernst lamp.
No. 12909.—A. J. Wurts, H. N. Potter, and M. W. Hanks, starting-apparatus for Nernst lamp.

No. 12910.—A. J. Wurts and M. W. Hanks, Nernst lamp support.
No. 12911.—A. J. Wurts, H. N. Potter, E. Bennett, and M. C. Bebe, Nernst lamp and heater.

No. 12913.—W. P. Bice and A. H. Guthridge, leggings-fastener. (W. Taylor.)

THROUGH EXPIRY OF TERM.

Nil.

Designs registered.

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

No. 353.—The Headmaster, Auckland Grammar School, of Auckland, in the Dominion of New Zealand. Class 13. 16th October, 1907.

No. 354.—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. 14th November, 1907.

No. 355.—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. 18th November, 1907.

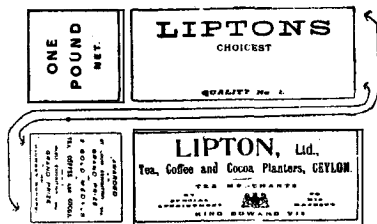
Applications for Registration of Trade Marks.

Patent Office,
Wellington, 27th November, 1907.

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 : 6471.
Date : 13th February, 1907.

TRADE MARK.



The essential particular of this trade mark is the following—the distinctive label; and applicants disclaim any right to the exclusive use of the added matter, save and except their own name and address.

NAME.

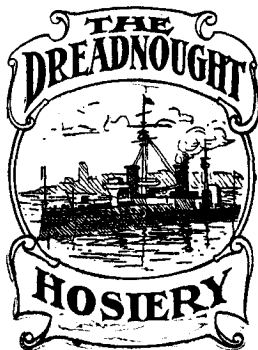
LIPTON, LIMITED, of City Road, London, England; Colombo, Ceylon; and Calcutta, India; Merchants.

No. of class : 42.

Description of goods : Tea, coffee, cocoa, coffee-essence, and other articles of food, and substances and materials used as food or as ingredients in food.

No. of application : 6673.
Date : 22nd May, 1907.

TRADE MARK.



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

NAME.

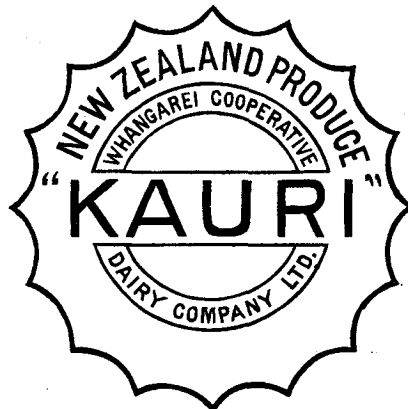
ATKINS BROS., of Bond Street, Hinckley, England, Hosiery-manufacturers.

No. of class : 38.

Description of goods : Hosiery.

No. of application : 6946.
Date : 23rd September, 1907.

TRADE MARK.



The essential particular of this trade mark is the word "Kauri"; and any right to the exclusive use of the added matter, except the name "Whangarei Co-operative Dairy Company, Limited," is disclaimed.

NAME.

WHANGAREI CO-OPERATIVE DAIRY COMPANY, LIMITED, of Whangarei, Auckland, in the Dominion of New Zealand.

No. of class : 42.

Description of goods : Butter, cheese, and dairy-produce.

No. of application : 6969.
Date : 12th October, 1907.

TRADE MARK.

The word

"PARAGON."

NAME.

LUTHER JOHN AMBURY, of Raupo, Northern Wairoa, in the Dominion of New Zealand, Farmer.

No. of class : 37.

Description of goods : Covers for cows.

No. of application : 7007.
Date : 1st November, 1907.

TRADE MARK.



The essential particulars of the trade mark are the following—the representation or device of an eagle with spread wings and bearing a branch in its talons, and carrying a scroll in its beak, and the word "Eagle"; and applicants disclaim any right to the exclusive use of the added matter, except in so far as it affects their name.

NAME.

BORDEN'S CONDENSED MILK COMPANY, a corporation organized under the laws of the State of New Jersey, in the United States of America, and having an office for the transaction of their business at 108 Hudson Street, in the City, County, and State of New York, United States of America.

No. of class: 42.

Description of goods: Condensed milk, evaporated milk, and malted milk.

No. of application: 7008.
Date: 1st November, 1907.

TRADE MARK.

The word

"DIAMOND."

NAME.

THE NEW ZEALAND HARDWARE COMPANY, of Dunedin, in the Provincial District of Otago, in the Dominion of New Zealand, Ironmongers.

No. of class: 13.

Description of goods: Rabbit-traps.

No. of application: 7016.
Date: 8th November, 1907.

TRADE MARK.

The word

"RIZO."

NAME.

LACEY TIBBITS WILLIAMS, trading as "The Northern Wholesale Supply Depot," of Shortland Street, Auckland, in the Dominion of New Zealand.

No. of class: 47.

Description of goods: Soap.

No. of application: 7018.
Date: 13th November, 1907.

TRADE MARK.

The word

RATIN

NAME.

ATTENBERG'S BACTERIOLOGISK LABORATORIUM RATIN, of Nygade 14, Copenhagen, Denmark, Manufacturers.

No. of class: 2.

Description of goods: A bacteriological preparation for destroying rats, mice, and other vermin.

No. of application: 7021.
Date: 13th November, 1907.

TRADE MARK.

The word

BOURNVILLE

NAME.

CADBURY BROS., LIMITED, of "Bournville" Factories, near Birmingham, Worcestershire, England, Manufacturers.

No. of class: 42.

Description of goods: Substances used as food or as ingredients in food.

No. of application: 7022.
Date: 13th November, 1907.

TRADE MARK.

The word

"SOLO."

NAME.

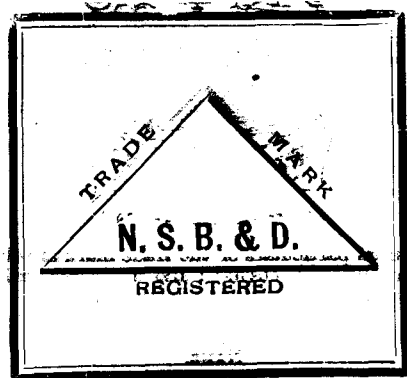
SOLO, LIMITED, of 5 Victoria Buildings, Little Horton Lane, Bradford, in the County of York, England; Manufacturers and Merchants.

No. of class: 50.

Description of goods: Preparations and material included in this class for cleaning and polishing furniture, plate, metal, enamel, paint, ivory, gilt, and leather goods.

No. of application: 7023.
Date: 13th November, 1907.

TRADE MARK.



The applicants claim that the said trade mark has been in use in respect of the articles mentioned for forty-four years.

The essential particulars of this trade mark are the triangle with the letters "N. S. B. & D." therein, and any right to the exclusive use of the added matter is disclaimed.

NAME.

NEDERLANDSCHE GIST-EN SPIRITUSFABRIEK, of Deiff, Netherlands, Distillers, a company organized and existing under the laws of the Netherlands.

No. of class: 43.

Description of goods: Spirits of all kinds included in this class.

No. of application: 7027.
Date: 13th November, 1907.

TRADE MARK.

The word

"CARDIATONE."

NAME.

THE CARDIATONE PROPRIETARY, of Elizabeth Street, Hobart, Tasmania, Australia, Manufacturers.

No. of class: 3.

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

No. of application: 7028.
Date: 14th November, 1907.

TRADE MARK.

The word

ARIEL

NAME.

THE EYE SHUTTING COMPANY, LIMITED (1907), of Barden Road Works, Tunbridge, Kent, England, Manufacturers.

No. of class: 5.

Description of goods: Bearing or anti-friction metals or alloys made from unwrought metal.

No. of application: 7029.
Date: 14th November, 1907.

TRADE MARK.

TROPIC QUALITY



The essential particulars of the trade mark are as follow—the device and the word "Tropic"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

CONRAD SCHOLTZ, of Berthastr 18-28, Hamburg-Barmbeck, German Empire, Manufacturer.

No. of class: 25.

Description of goods: Cotton goods not included in Classes 23, 24, or 38.

No. of application: 7031.
Date: 14th November, 1907.

TRADE MARK.

The words

"SWEET LYMRICS."

NAME.

HENDERSON'S SWEETS, LIMITED, a trading company registered according to the laws of the State of New South Wales, in the Commonwealth of Australia, having its office at Parker and Barlow Streets, Haymarket, Sydney, in the said State of New South Wales, carrying on the business of Wholesale and Export Confectioners, and being the successors in business of the firm of James Henderson and Sons and of Henderson's Sweets.

No. of class: 42.

Description of goods: Confectionery, specially butter-scotch.

No. of application: 7035.
Date: 19th November, 1907.

TRADE MARK.

The words

"THE CLOBBERY."

NAME.

JOHN TURNER AND Co., of the City of Auckland, in the Provincial District of Auckland and Dominion of New Zealand, Hatters, Mercers, Clothiers, and Outfitters.

No. of class: 38.

Description of goods: Articles of clothing, such as hats of all kinds, caps and bonnets, hosiery, gloves, boots and shoes, other ready-made clothing.

No. of application: 7037.
Date: 21st November, 1907.

TRADE MARK.

B. S. A.

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since before the 1st January, 1890.

NAME.

THE BIRMINGHAM SMALL ARMS COMPANY, LIMITED, of Armoury Road, Small Heath, near Birmingham, England, Manufacturers.

No. of class: 6.

Description of goods: Machinery, machine-tools, and hand-tools not included in other classes.

No. of application: 7038.

Date: 21st November, 1907.

TRADE MARK

(The mark as shown in preceding notice No. 7037.)

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since before the 1st January, 1890.

NAME.

THE BIRMINGHAM SMALL ARMS COMPANY, LIMITED, of Armoury Road, Small Heath, near Birmingham, England, Manufacturers.

No. of class: 19.

Description of goods: Small arms and their component parts, fittings, and accessories, including military rifles, match rifles, sporting rifles and guns, cadet and miniature rifles, and air-rifles and shot-guns, and rifle-barrels.

No. of application: 7039.

Date: 21st November, 1907.

TRADE MARK.

(The mark as shown in preceding notice No. 7037.)

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since before the 1st January, 1890.

NAME.

THE BIRMINGHAM SMALL ARMS COMPANY, LIMITED, of Armoury Road, Small Heath, near Birmingham, England, Manufacturers.

No. of class: 22.

Description of goods: Cycles and motor-cycles and their component parts, fittings, and accessories not included in other classes; and automobiles and their component parts, fittings, and accessories not included in other classes.

No. of application: 7040.

Date: 21st November, 1907.

TRADE MARK.

The word

"RAYDYOT."

NAME.

JAMES NEALE AND SONS, LIMITED, of 68 Graham Street, Birmingham, England, Vehicle-lamp Manufacturers.

No. of class: 13.

Description of goods: Lamps for vehicles.

No. of application: 7041.

Date: 22nd November, 1907.

TRADE MARK.

The word

"ICEIT."

NAME.

WHITTOME, STEVENSON, AND Co., LIMITED, of Domain Factory, Auckland, in the Provincial District of Auckland and Dominion of New Zealand, Manufacturers.

No. of class: 42.

Description of goods: Cordials.

No. of application: 7043.

Date: 25th November, 1907.

TRADE MARK.

The words

"SLANTU FIXYU."

NAME.

MARY ANNE STITT, of Westport, in the Dominion of New Zealand.

No. of class: 3.

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

No. of application: 7044.

Date: 26th November, 1907.

TRADE MARK.



NAME.

GEORGE MAITLAND, of 26 Oswald Street, Glasgow, Scotland, Leather-merchant.

No. of class: 50.

Description of goods: Blacking and polishing pad (not included in other classes) for leather goods.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 14th to the 27th November, 1907, inclusive:—

No. 5392/6826.—Lever Bros., Limited. Class 47. (*Gazette* No. 72, of the 8th August, 1907.)

No. 5393/6827.—Lever Bros., Limited. Class 50. (*Gazette* No. 72, of the 8th August, 1907.)

No. 5394/6828.—Lever Bros., Limited. Class 42. (*Gazette* No. 72, of the 8th August, 1907.)

No. 5395/6845.—M. C. Lyons. Class 9. (*Gazette* No. 72, of the 8th August, 1907.)

No. 5396/6865.—A. Stokes, A. and A. W. Heither. Class 3. (*Gazette* No. 75, of the 22nd August, 1907.)

No. 5397/6879.—D. Storey. Class 38. (*Gazette* No. 79, of the 5th September, 1907.)

No. 5398/6895.—The New Hudson Cycle Company, Limited. Class 22. (*Gazette* No. 79, of the 5th September, 1907.)

No. 5399/6549.—The Agricultural and Pastoral Food Company, Limited. Class 42. (*Gazette* No. 33, of the 4th April, 1907.)

No. 5400/6602.—The Agricultural and Pastoral Food Company, Limited. Class 2. (*Gazette* No. 44, of the 16th May, 1907.)

No. 5401/6603.—The Agricultural and Pastoral Food Company, Limited. Class 3. (*Gazette* No. 48, of the 30th May, 1907.)

No. 5402/6604.—The Agricultural and Pastoral Food Company, Limited. Class 42. (*Gazette* No. 48, of the 30th May, 1907.)

No. 5403/6857.—Royds Bros. and Kirk, Limited. Class 47. (*Gazette* No. 75, of the 22nd August, 1907.)

No. 5404/6886.—A. S. Paterson and Co. Class 42. (*Gazette* No. 79, of the 5th September, 1907.)

No. 5407/6870.—Anglo-British Columbia Packing Company, Limited. Class 42. (*Gazette* No. 79, of the 5th September, 1907.)

No. 5406/6883.—Beath and Co., Limited. Class 38. (*Gazette* No. 79, of the 5th September, 1907.)

No. 5407/6469.—Lipton, Limited. Class 42. (*Gazette* No. 75, of the 22nd August, 1907.)

No. 5408/6470.—Lipton, Limited. Class 42. (*Gazette* No. 75, of the 22nd August, 1907.)

No. 5409/6561.—G. M. Judd and Bros., Limited. Class 47. (*Gazette* No. 36, of the 18th April, 1907.)

No. 5410/6896.—Welsbach Light Company of Australasia, Limited. Class 15. (*Gazette* No. 79, of the 5th September, 1907.)

No. 5411/6428.—Co-operative Egg and Poultry Company, Limited. Class 42. (*Gazette* No. 23, of the 7th March, 1907.)

No. 5412/6769.—Sharpe Bros. Class 44. (*Gazette* No. 75, of the 22nd August, 1907.)

No. 5413/6777.—R. White. Class 3. (*Gazette* No. 72, of the 8th August, 1907.)

No. 5414/6830.—Mauri Bros. and Thomson, Limited. Class 42. (*Gazette* No. 72, of the 8th August, 1907.)

No. 5415/6821.—Butterworth Bros., N.Z., Limited. Class 38. (*Gazette* No. 75, of the 22nd August, 1907.)

No. 5416/6907.—Victorian Associated Vineyards Company. Class 43. (*Gazette* No. 83, of the 19th September, 1907.)

No. 5417/6908.—Victorian Associated Vineyards Company. Class 42. (*Gazette* No. 83, of the 19th September, 1907.)

No. 5418/6922.—D. Storey. Class 38. (*Gazette* No. 83, of the 19th September, 1907.)

Trade Mark Renewal Fees paid.

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

No. 960/936.—14th November, 1907. W. H. Scheel, of New York, U.S.A. 13th November, 1907.

No. 1000/830.—27th December, 1907. German Bay Co-operative Dairy Factory, of German Bay, N.Z. 14th November, 1907.

Subsequent Proprietors of Trade Marks registered.

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

NO. 86/4211.—The Lincoln and Midland Counties Drug Company, of Park Street Works, London, England, manufacturing chemists and wholesale druggists. (Three marks.) [The Lincoln and Midland Counties Drug Company.] 15th November, 1907.

Nos. 6416/5030, 6417/5031.—The Singer Manufacturing Company, of 149 Broadway, New York, United States of America, and of Elizabeth, New Jersey, United States of America, sewing-machine manufacturers and dealers. [Wheeler and Wilson Manufacturing Company.] 21st November, 1907.

Trade Mark removed from the Register.

TRADE Mark removed from the Register, owing to the non-payment of the renewal fee, from the 31st October to the 14th November, 1907, inclusive:—

No. 872/774.—14th August, 1893.—Sir F. Knollys and F. F. Begg, of London, England. (Edison United Phonograph Company.) Class 6.

Cancellation of Part Entry of Trade Mark on the Register.

NO. 6584/5388.—W. H. Potter (advertised in Supplement to *New Zealand Gazette* No. 44, of the 16th May, 1907.)

Entry of trade mark cancelled, in so far as it relates to hosiery, by the addition of hosiery to those goods at present exempt from the application of the mark.

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 MACRAY, Government Printer, Wellington.

The first of these was the Declaration of Independence, which was adopted on July 4, 1776. This document declared that the thirteen colonies were no longer part of the British Empire and that they were now free and independent states. The second was the Constitution, which was adopted on September 17, 1787. This document established the framework for the federal government and the rights of the states.

The third was the Bill of Rights, which was adopted on September 12, 1791. This document guaranteed the first ten amendments to the Constitution, which protected the rights of individuals and the states. The fourth was the Louisiana Purchase, which was completed in 1803. This purchase doubled the size of the United States and opened up new lands for settlement.

The fifth was the War of 1812, which was fought between the United States and Great Britain. This war resulted in the United States gaining control of the Great Lakes region and the right to navigate the Mississippi River. The sixth was the Missouri Compromise, which was passed in 1820. This compromise allowed Missouri to enter the Union as a slave state and Maine as a free state.

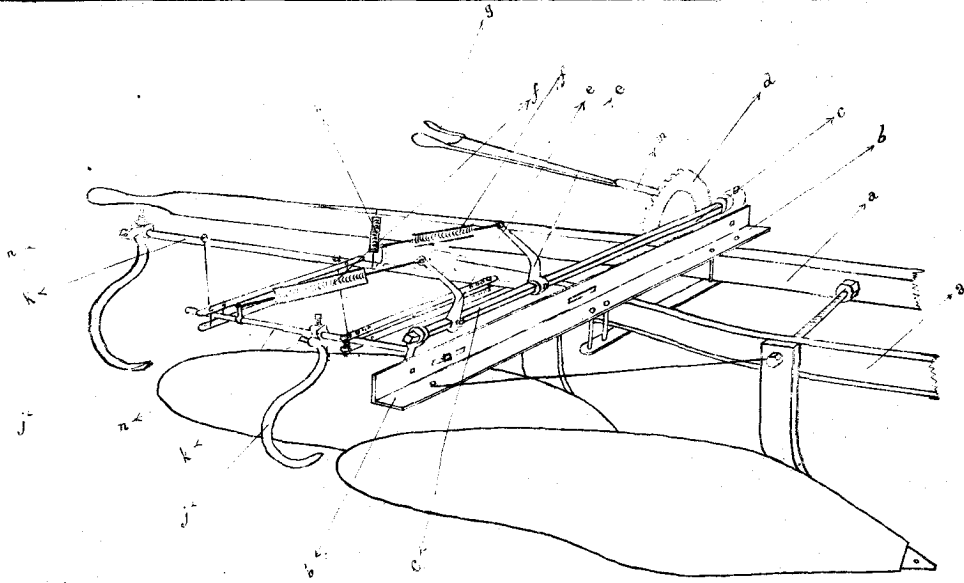
The seventh was the Texas Revolution, which was fought in 1835-1836. This revolution resulted in the United States gaining control of Texas. The eighth was the Mexican-American War, which was fought in 1846-1848. This war resulted in the United States gaining control of California, New Mexico, and Arizona.

The ninth was the Civil War, which was fought in 1861-1865. This war resulted in the United States becoming a single, unified nation. The tenth was the Reconstruction era, which lasted from 1865 to 1877. This era was a period of rebuilding the South and integrating African Americans into the American society.

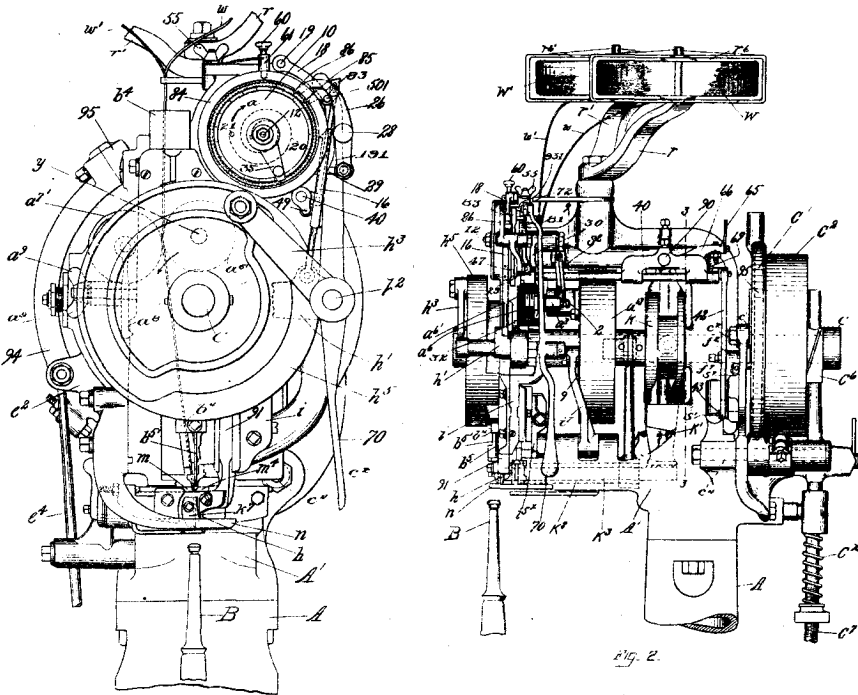
The eleventh was the Progressive Era, which lasted from 1890 to 1920. This era was a period of social and political reform. The twelfth was the Great Depression, which lasted from 1929 to 1939. This was a period of economic hardship and unemployment.

ILLUSTRATIONS OF INVENTIONS.

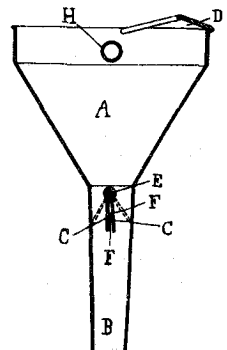
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



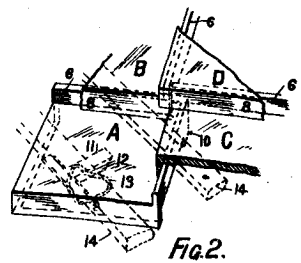
22005
Stevenson. Plough.



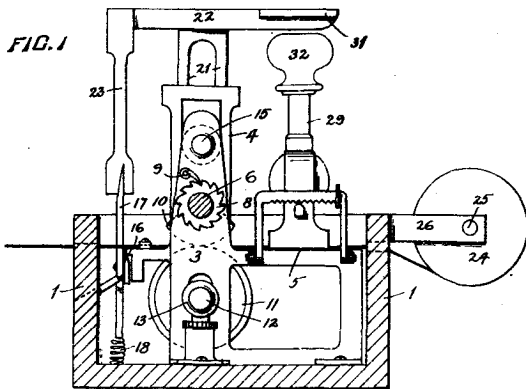
22060
United Shoe Machinery Co. Fastener-inserter. (Perry.)



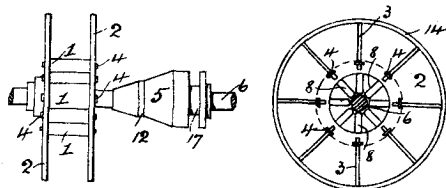
22376
Brock. Bag-filler.



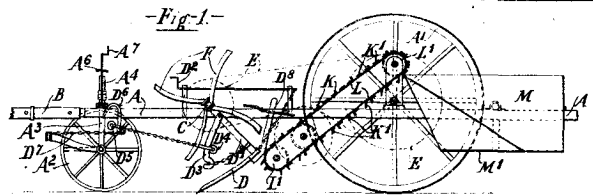
23570
Batchen. Tile.



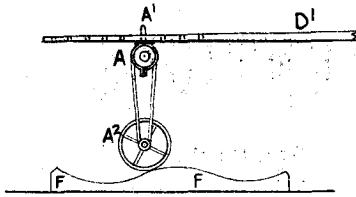
22181
Parker. Ticket-machine.



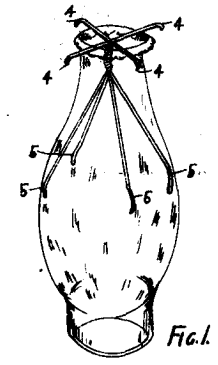
22105
Golding and Campbell. Pulley. (Campbell.)



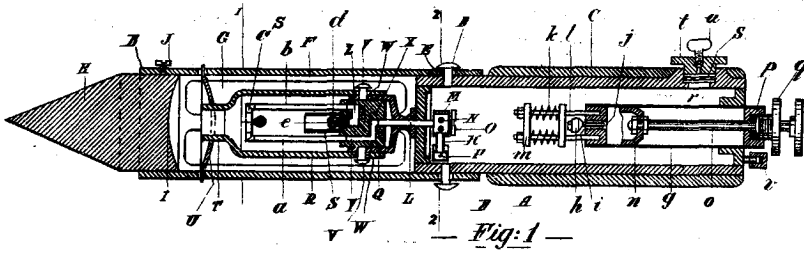
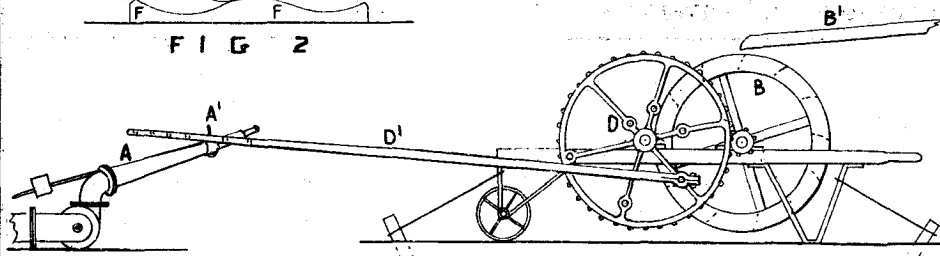
23237
Von Bertouch. Land-clearer.



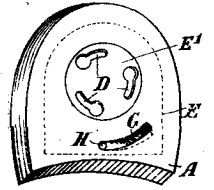
23267
O'Brien and Knight. Nozzle



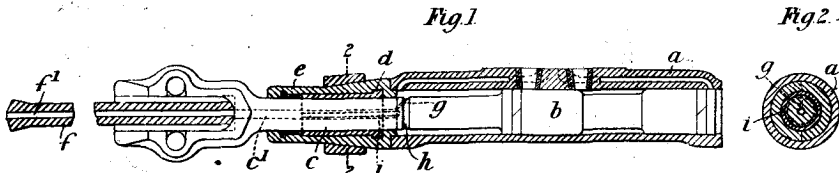
23574
Larbalestier. Lamp-chimney Protector.



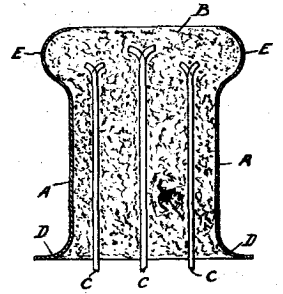
23499
Landells and Huckson. Blow-lamp.



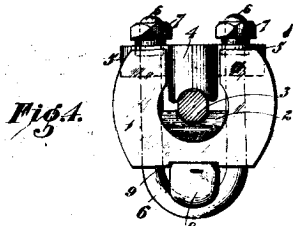
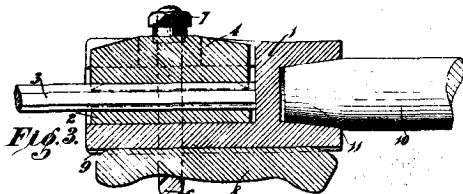
23053
White. Heel.



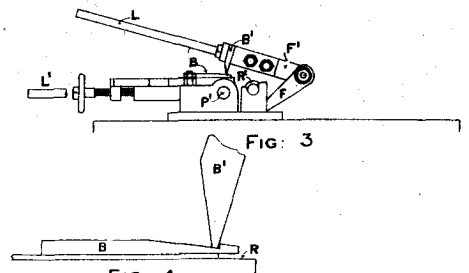
23575
Stephens. Rock-drill.



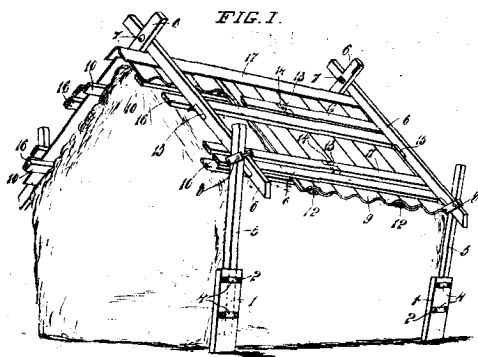
23544
Moore. Bollard.



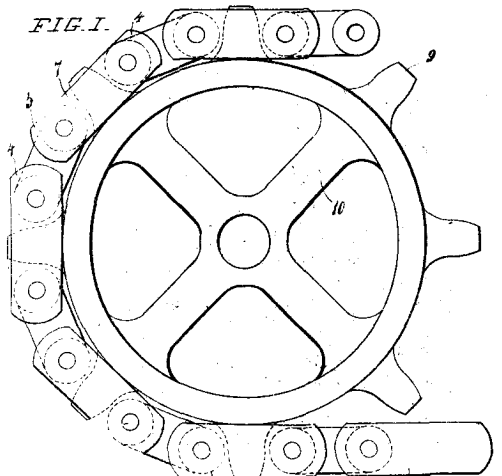
23280
Paldwin and Rayward. Drill-chuck. (J. H. and J. M. Holman.)



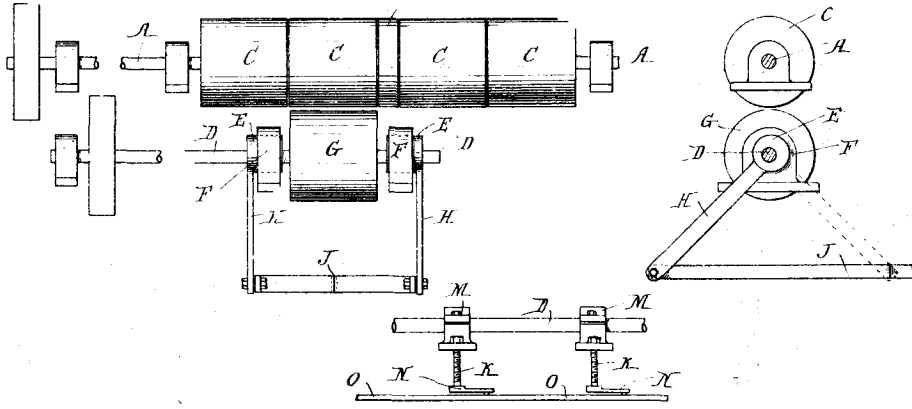
23536
Commonwealth Manufacturing and Galvanising Company (Ltd.).
Metal-folder. (Howcroft.)



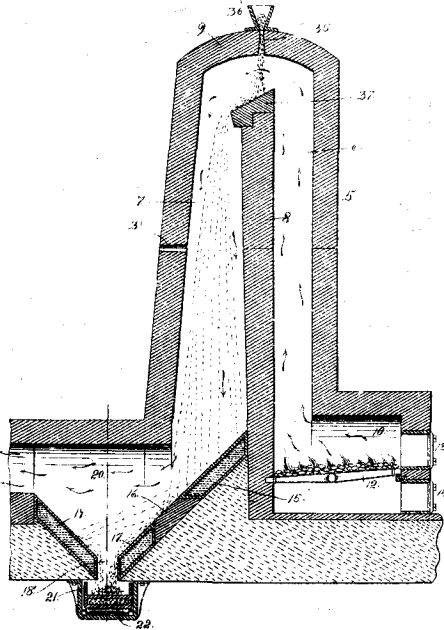
23579
Dunne. Stack-cover.



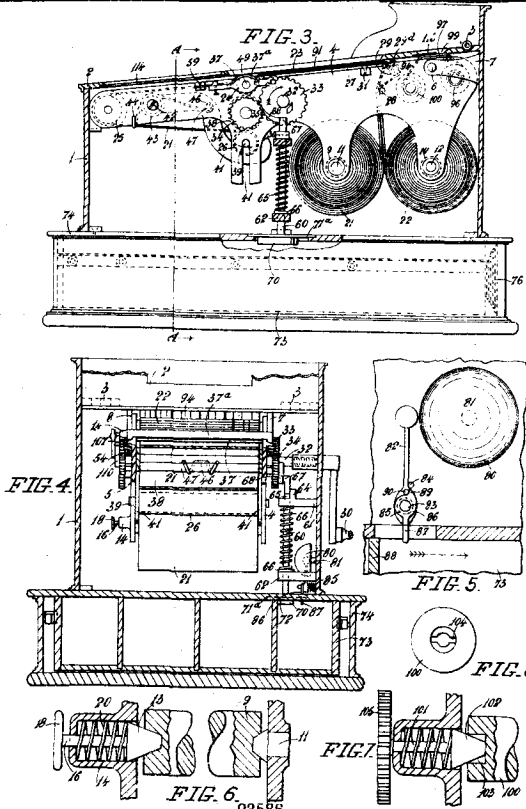
23560
Cederman. Sprocket-chain.



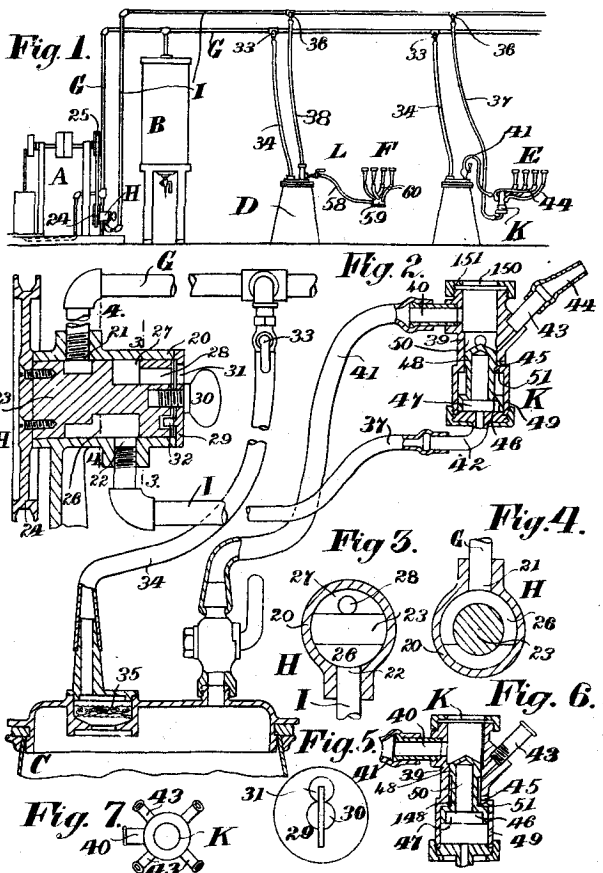
23591
Edkins. Saw-bench Feed.



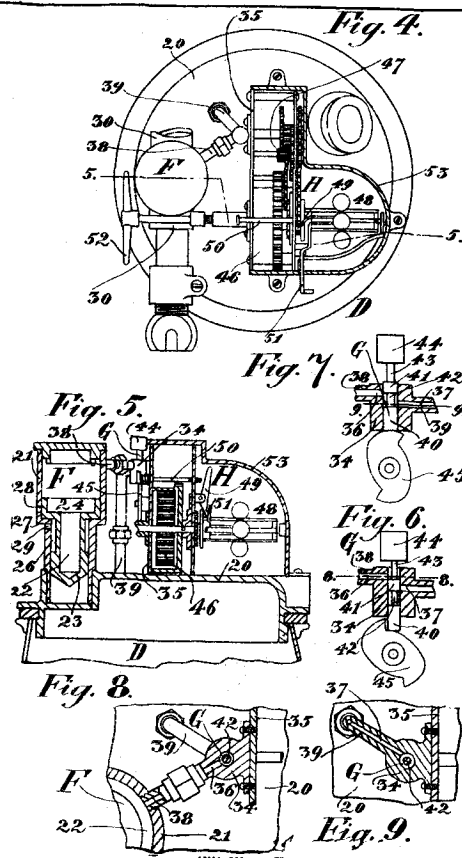
23505
Witley. Ore-roaster.



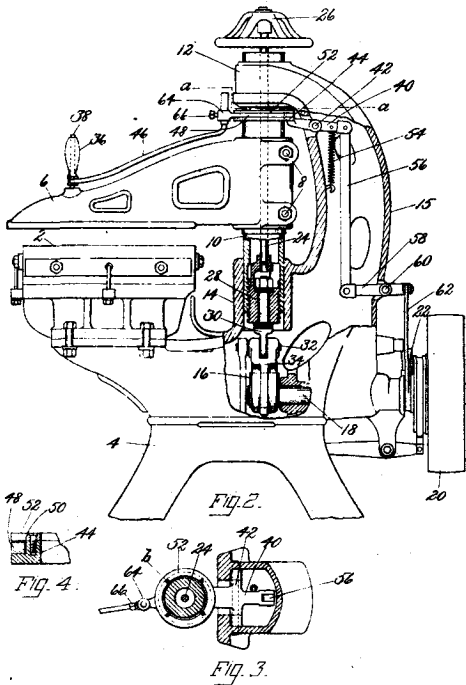
23586
Trevellian. Cash-register.



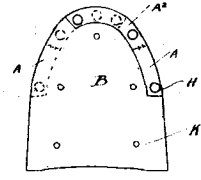
23542
Lawrence and Kennedy. Milking-machine. (Feldmeier.)



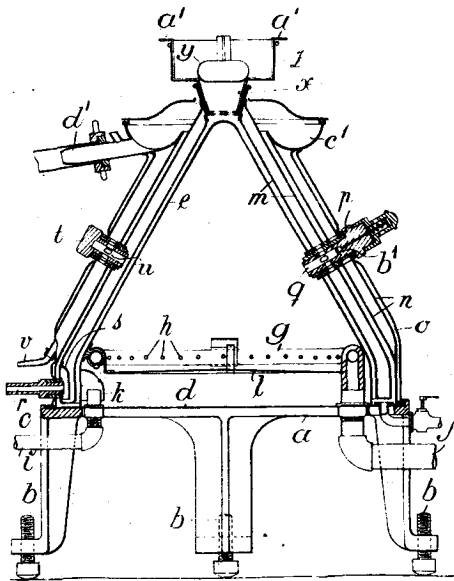
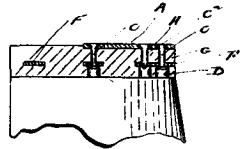
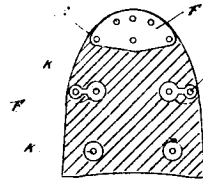
23543
Lawrence and Kennedy. Milking-machine. (Burrell.)



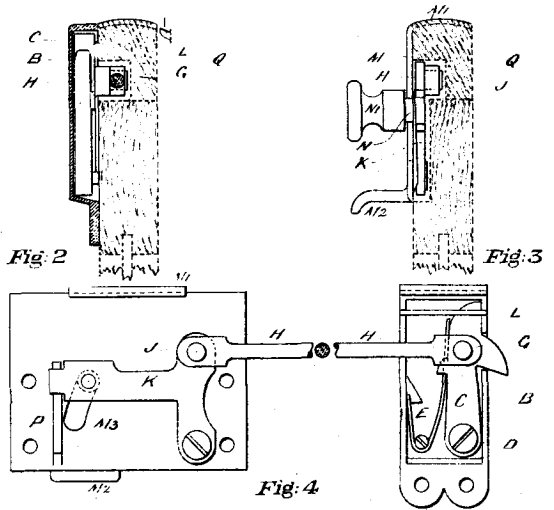
22067
United Shoe Machinery Co. Clicking-press. (Bates.)



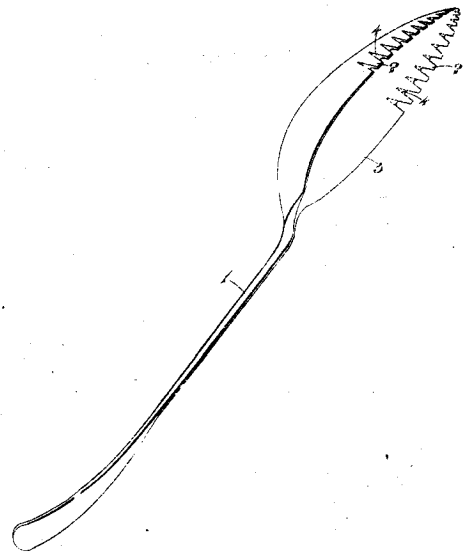
22077
Read. Heel-protector.



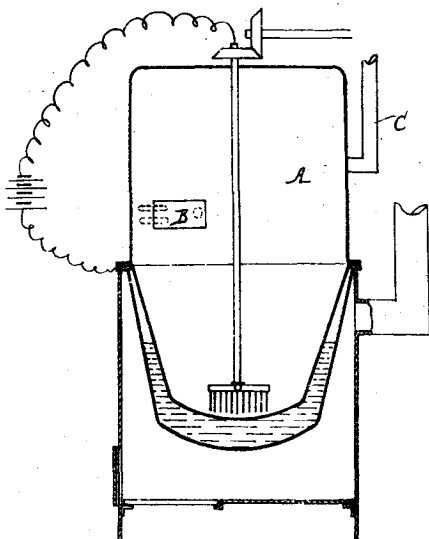
23089
Pfeiff. Liquid-heater.



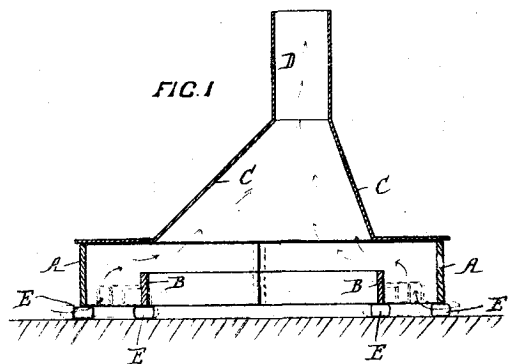
22296
Wilson. Sash-adjuster.



22327
White. Spoon.



22359
Ashcroft and Richardson. Gum-distiller.



22276
Mander and Chamberlain. Tiring-furnace.