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Index of Applicants.
 Subject-matter Index.
 Commissioner of Patent Journal, &c. (*).
 Trade Marks Journal to August, 1906.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to April, 1906.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th to the 15th January, 1906, inclusive.
 The Official Journal of Patents of the Australian Commonwealth (containing lists of applications for letters patent, abridgments of complete specifications accepted, &c.).
 The Australian Official Journal of Trade Marks (containing lists of applications for registration of trade marks, &c.).
 Specifications, drawings, abridgments, and indexes of Victoria, New South Wales, Queensland, and South Australia^(b).

United States.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to October, 1906.

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.

Official Notices.

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 3rd August, 1906.

Classified 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, 1906.

AUCKLAND.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1900.
 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 1900.
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 1900.
Illustrated Official Journal from October, 1905, to date.

BOOKS AND DOCUMENTS OPEN TO INSPECTION.

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

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^(h).
5. Index of Trade Marks.
6. Classified Representations of Trade Marks, with indexes.

Miscellaneous.

Register of Patent Agents.

FORMS.

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

- 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⁽ⁱ⁾.
- Pamphlet containing Act and Regulations (price 1s.).

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 1904 inclusive.

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

LOCAL PATENT OFFICES.

Local patent offices for the reception of applications for letters patent without extra payment have been appointed at the following places: Ashburton, Auckland, Blenheim, Christchurch, Dunedin, Gisborne, Greymouth, Hokitika, Invercargill, Napier, Nelson, New Plymouth, Oamaru, Queenstown, Thames, Timaru, Wanganui, Westport. These are situated in the Supreme Court Buildings and S.M. Court Houses.

PATENT AGENTS.

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

- (a) Discontinued.
- (b) In arrear. Not now being printed.
- (c) Key is in card index.
- (d) 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.
- (e) Includes all names of applicants, &c., and consists of four volumes to 4th November, 1903, and card index since that date. A separate card index is kept for current quarter.
- (f) The names of proprietors of subsequent letters patent appear in the Index of Patentees.
- (g) Contains classified abridgments of specifications from 1861, with extracts from drawings from July, 1904.
- (h) 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 are in card index.
- (i) May also be obtained at any local Patent Office or money-order office.

Applications for Letters Patent filed.

LIST of applications for Letters Patent filed. (Where a complete specification accompanies an application an asterisk is affixed; in all other cases a provisional specification has been lodged. In cases where the applicant is not the inventor the name of the latter appears in italics after the title.)

- No. 22055.—14th November.—J. I. Moss, Abbotsford, Vic. Window-fastener.*
- No. 22056.—14th November.—A. Doxey, Seymour, Vic. Testing dampness in wool.*
- No. 22057.—14th November.—H. J. Marks, Toowoomba, Queensland. Buffer-coupling.*
- No. 22058.—15th November.—United Shoe Machinery Company, Paterson, U.S.A. Guides for inseam-sewing machine. (*C. I. Fuller.*)
- No. 22059.—15th November.—United Shoe Machinery Company, Paterson, U.S.A. Sewing-machine. (*E. E. Winkley.*)
- No. 22060.—15th November.—United Shoe Machinery Company, Paterson, U.S.A. Machine for inserting and producing fasteners. (*F. H. Perry.*)
- No. 22061.—15th November.—E. B. Killen, London, Eng. Rubber tread or tire for wheel.*
- No. 22062.—15th November.—E. Burt, El Oro, Mexico. Filters for metal ores, slimes, &c.*
- No. 22063.—15th November.—G. Brennan, Petersham, N.S.W. Folding bedstead.*
- No. 22064.—15th November.—A. A. Stephenson, C. P. Kelly, and J. B. Zander, Melbourne, Vic. Hydrocarbon-gas manufacture.
- No. 22065.—15th November.—W. Tyree, Nelson, N.Z. Feeding hydrocarbons to incandescent burner.
- No. 22066.—15th November.—United Shoe Machinery Company, Paterson, U.S.A. Machine for inserting and producing fasteners. (*L. A. Casgrain.*)
- No. 22067.—15th November.—United Shoe Machinery Company, Paterson, U.S.A. Clicking-press. (*A. Bates.*)
- No. 22068.—13th November.—A. W. Chatfield, Auckland, N.Z. Transplanting teeth.
- No. 22069.—13th November.—P. Morice, Sydney, N.S.W. Utilising force of sea-waves.*
- No. 22070.—14th November.—J. H. Crutchley, Kyeburn, N.Z. Protector for inner tubes of tires.

- No. 22071.—16th November.—S. G. Roseman and J. Lock, Auckland, N.Z.
Bunching materials used in brush and broom making.
- No. 22072.—15th November.—T. R. Christie, Dunedin, N.Z.
Level inlets for drainage purposes.
- No. 22073.—19th November.—G. Dunne, Palmerston North, N.Z.
Device for cutting string.
- No. 22074.—14th November.—F. L. Davis, Auckland, N.Z.
Sash window.*
- No. 22075.—16th November.—S. B. Hunter, Moreland, Vic., and H. Wilson and E. J. Rigby, St. Kilda, Vic.
Boring-appliance.
- No. 22076.—15th November.—C. Suttie, Waharoa, N.Z., and M. H. Wynyard, Auckland, N.Z.
Cleaning flax-fibre, &c.
- No. 22077.—16th November.—T. Read, Auckland, N.Z.
Rubber heel-protector.
- No. 22078.—20th November.—C. O. Marklund, Lowburn Ferry, N.Z.
Water-engine.
- No. 22079.—20th November.—E. Shadgett, Kilbirnie, N.Z.
Treating bananas for preparation of a food.
- No. 22080.—20th November.—G. H. Saywell, Feilding, N.Z.
Race-starter.
- No. 22081.—21st November.—G. G. Turri, Melbourne, Australia.
Centrifugal cream-separator.* (*Vermont Farm-machine Company—P. L. Kimball.*)
- No. 22082.—21st November.—G. G. Turri, Melbourne, Australia.
Centrifugal cream-separator.* (*Vermont Farm-machine Company—P. L. Kimball.*)
- No. 22083.—21st November.—G. G. Turri, Melbourne, Australia.
Centrifugal separator.* (*Vermont Farm-machine Company—P. L. Kimball.*)
- No. 22084.—21st November.—G. Stacy and G. A. Julius, Perth, W.A.
Voting-machine.*
- No. 22085.—21st November.—National Cash Register Company, Dayton, U.S.A.
Store service credit system apparatus.* (*C. F. Kettering.*)
- No. 22086.—21st November.—W. J. Teese, Balaclava, Vic.
Milking-apparatus.
- No. 22087.—21st November.—F. H. Jackson, New Plymouth, N.Z.
Gate.*
- No. 22088.—21st November.—E. McFee, Dunedin, N.Z.
Desk.*
- No. 22089.—21st November.—H. A. Cole, Wanganui, N.Z.
Swing.
- No. 22090.—21st November.—D. N. Wilson, Kumeroa, N.Z.
Temperature-indicator.
- No. 22091.—21st November.—S. Allen, Killinchy, N.Z.
Potato-digger.
- No. 22092.—21st November.—E. Deister, Fort Wayne, U.S.A.
Ore-concentrator.*
- No. 22093.—21st November.—H. Howell, London, Eng.
Incandescent burner.*
- No. 22094.—21st November.—G. Schanli, London, Eng.
Electric cell.*
- No. 22095.—21st November.—W. and H. B. Bell, Mosman, N.S.W.
Half-tone-printing block.*
- No. 22096.—21st November.—L. W. and R. A. Potier, Brisbane, Queensland.
Boot or shoe with attachable toe-cap.
- No. 22097.—21st November.—L. W. and R. A. Potier, Brisbane, Queensland.
Shoe or slipper with attachable instep fronts.*
- No. 22098.—22nd November.—C. Burt, New Plymouth, N.Z.
Room-heater.*
- No. 22099.—22nd November.—J. T. Hunter, Wellington, N.Z.
Joint for earthenware pipe. (*J. Bridson—W. Grimes.*)
- No. 22100.—19th November.—A. Gunn, Wanganui, N.Z.
Liquid washing-soap.

- No. 22101.—20th November.—H. V. Johansen, Auckland N.Z.
Explosive engine.
- No. 22102.—20th November.—J. A. Yule, Gore, N.Z.
Wrench for operating nuts of fish-plate bolts.
- No. 22103.—23rd November.—H. Ellis, Geelong, Vic.
Making bands of straw, &c., for binding sheaves.
- No. 22104.—23rd November.—L. O. Hooker, Hawera, N.Z.
Perch-carrier.
- No. 22105.—24th November.—A. F. Golding and E. Campbell, Hobart, Tas.
Variable-speed pulley. (*A. M. Campbell.*)
- No. 22106.—23rd November.—S. Blackman, Christchurch, N.Z.
Plastering walls and ceilings.
- No. 22107.—26th November.—G. B. Holmes and A. D. Allen, Wellington, N.Z.
Trolley-head.
- No. 22108.—26th November.—J. E. Friend, Annandale, N.S.W.
Rotary engine.*
- No. 22109.—26th November.—N. J. Hansen, Motu, N.Z.
Axe.*
- No. 22110.—26th November.—M. Saunders, Pleasant Point, N.Z.
Sheep-shearing emery grinder.
- No. 22111.—26th November.—B. Ward, Tauranga, N.Z.
Braces-attachment.
- No. 22112.—26th November.—G. S. Fleming, Woodlands, N.Z.
Wagon for carrying dishes.
- No. 22113.—26th November.—R. Allport and T. Normoyle, Hobart, Tas.
Finger-ring.*
- No. 22114.—23rd November.—W. G. Richardson, Auckland, N.Z.
Preparing flax-waste as a cattle-food.
- No. 22115.—27th November.—M. J. Hooper, N. Carlton, Vic.
Oil-lamp burner.*

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 12th to the 24th November, 1906, inclusive:—

- No. 20617.—S. B. Corrigan, solution for potato-blight.
- No. 20704.—C. J. Tuck, pulley-block.
- No. 20735.—I. Stevenson and J. Cook, stone-shoot for dredge.
- No. 20743.—A. S. Ford, liquid-ejector.
- No. 20750.—W. Henry, wooden brackets.
- No. 20755.—H. Storey, boiler.
- No. 20757.—J. Rose, clothes-washer.
- No. 20763.—C. Cannell, lamb's-tail cutter.
- No. 20772.—R. H. Carter, horse-collar.
- No. 20776.—H. V. Gazzard, flooring and ceiling cramp.
- No. 20820.—M. L. Severy and G. B. Sinclair, electrical musical instrument.
- No. 20900.—O. K. Carlson, water-tap.
- No. 21189.—J. J. Strain, hot-water attachment to stove.
- No. 21227.—T. Cahill, spurs.
- No. 21290.—W. Youlten, separating dirt from cotton-waste.
- No. 21808.—E. W. Ackland, conduits for electrical cables and wires.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 28th November, 1906.

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. 20206.—21st October, 1905.—GEORGE THOMPSON PRITCHARD, of 42 River Bank, Wanganui, New Zealand, Gentleman. An improved railway signalling-apparatus.*

Extract from Specification.—The signalling is effected by the sounding of a bell, the display of a semaphore danger

disc, and at night the exhibition of a light. According hereto a rocking shaft mounted horizontally in bearings has upon one end a crank upon which is revolvably mounted a wheel-cam, the shaft being so placed that the wheel-cam is depressed and the shaft rocked by a train approaching the crossing. A rope sheave, loosely mounted upon the shaft, has a projecting lug which is engaged by a tappet fixed upon the rocking shaft whereby said rope sheave is partially revolved and a cord is wound upon its circumference which is grooved for its reception. The cord is attached to one end of a sliding rod which carries a bracket loosely threaded upon a second sliding rod and bearing against a spring thereon, the second rod being operated as soon as the spring has been compressed beyond a predetermined limit. A rope attached to this second sliding rod leads to the signalling-apparatus hereinafter described. To return the rocking shaft so that its cam will be in operative position, a second sheave revolvably mounted upon it is connected by a rope to a spring-returned slide-rod which, when the rope first referred to is released as hereinafter explained, returns the rocking shaft with its cam to its normal position. Near the railway crossings is fixed a vertical standard at the upper end of which is a counter-balanced semaphore arm, an electric lamp, and pivoted arms, the ends of which carry coloured transparent discs which, when said arms are operated, fall upon each side of the lamp referred to. The rocking spindle upon which the semaphore arm is fixed has a cam upon one end which engages with a corresponding cam projecting from one of the arms carrying the coloured discs whereby the spindle upon which it is fixed is rocked and the other corresponding arm moved with it in front of the electric lamp. When it is desired to prevent the disc arms from coming into operation simultaneously with the semaphore arm, a cam, revolvably mounted upon the rocking shaft of the semaphore arm, can be turned over to engage with a cam upon the end of one of the disc arms and prevent it from turning with the semaphore arm. This cam is operated by a vertical rod having a handle which can be raised into a catch to hold the cam in position. The rope referred to before as being secured to the end of the second sliding rod is carried along the side of the railway and connected to one end of a spring-returned bell-crank lever one end of which, when the bell-crank lever is operated, engages with a spring projecting laterally from a rope sheave. This spring is normally retained by a sliding catch, but when moved laterally by the bell-crank referred to the sheave is free to partially revolve under the influence of a balance-weight upon the semaphore arm, whereby said arm is caused to assume its horizontal or danger position. Simultaneously with this operation tappet pins, projecting from the side of the sheave, close electrical circuits between an electrically driven alarm-gong and the electric lamp referred to, the electro-motive power being supplied from ordinary batteries or otherwise. To return the disc to its normal position after the train has passed the crossing, the sliding catch referred to is fixed upon the horizontal spring-return slide-rods. These slide-rods are moved by the pull of a rope wound round a sheave upon a rocking shaft having a crank upon which is a roller cam operated by the departing train in the manner hereinbefore referred to. The rope is wound upon this sheave, whereby the rod slides, and causes the sliding catch to pass over and beyond the spring upon the rope sheave. When the train has passed, the rod is returned by its spring taking with it the sliding catch, which thereby revolves the rope sheave and draws the semaphore arm down to its vertical or safety position.

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

(Specification, 11s. ; drawing, 1s.)

No. 20333.—18th November, 1905.—WALTER MCINTYRE, of Westport, New Zealand, Wheelwright (assignee of James Smith, of Westport, New Zealand, Blacksmith). Improved drill for boring coal and the like.*

Claim.—The improved drill for boring coal and the like, the same being formed of a length of metal of three-cornered cross-section twisted longitudinally, and with three cutting points formed by splitting up the centre and bending up and sharpening the three corners of the metal, substantially as specified.

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

No. 20358.—23rd November, 1904.—GEORGE WILLIAM MELLOR, of 12 Coleman Street, London, England, Solicitor, (acting as sole executor of George Skaats Mayhew, deceased, of 2 Basinghall Avenue, London, England, Engineer). Improved machine for forming compound deals.

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

Extract from Specification.—My invention comprises a bottom clamp extending throughout the length of the machine,

and adapted to slide on the table of the machine, operating in conjunction with a series of top clamps, all said clamps being driven by suitable mechanism so as to press the pieces of wood together and to form the deal as above described.

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

(Specification, 15s. ; drawing, 4s.)

No. 20427.—5th December, 1905.—JOHN STRATHERN, of Kingsland, Auckland, New Zealand, Agent. A mixture for making potatoes, bulbs, roots, and seed when planted or sown proof against blight and other parasite.*

Claims.—(1.) The mixture specified consisting of the ingredients named in the proportions of shell lime half a hundred avoirdupois weight, sulphide of copper one hundred avoirdupois weight, permanganate of potash two and a half pounds avoirdupois weight, common soap one pound avoirdupois weight, and water twenty-five gallons mixed for the purpose set forth as described. (2.) Applying the solution made by the mixture specified and covered by claim 1 to the article treated for a period of twelve hours or more according to the health of the article, for the purpose set forth, as described.

(Specification, 2s. 3d.)

No. 20428.—8th December, 1905.—PHILIP JOHN COCKS, of Opawa, Christchurch, New Zealand, Clerk in Holy Orders, and FRANK OSMUND ANDREWS, of Salisbury Street, Christchurch, New Zealand, Engineer. An improved poultry-feeder.*

Extract from Specification.—The invention comprises a feeding-trough having a hinged lid protected by a cover. A platform pivoted at the back of the apparatus is connected to the hinged lid so that the platform is depressed by the birds walking thereon, which action raises the hinged lid and gives access to the food contained in the trough. When the birds leave the platform the lid closes automatically. An adjustable balance weight is provided whereby the lid is made to operate with any desired weight upon the platform.

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

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

No. 20530.—5th January, 1906.—HUBERT PATRICK KEOGH, of No. 31 Queen Street, Melbourne, Victoria, Australia, M.L.A. of the State of Victoria. Improvements in the treatment of sulphide ores containing zinc.*

Claims.—(1.) The process of extracting zinc from sulphide ores or ore products containing the same, which consists in converting by heat the zinc contained in the ore into soluble sulphate of zinc and oxide of zinc, washing out the soluble sulphate with water, adding to the solution thus obtained calcium-chloride, drawing off the solution of chloride of zinc so formed, adding the latter to the treated ore, digesting the whole to form an oxychloride of zinc, decomposing said oxychloride by an alkaline hydrate, and removing the precipitated zinc compound and washing the same, all substantially as described. (2.) In the process for extracting zinc from sulphide ores or ore product containing the same, the steps of heating the ore to form zinc-oxide and dissolving out said oxide by digesting the ore with chloride of zinc, all substantially as described.

(Specification, 3s. 6d.)

No. 20582.—17th January, 1906.—CHARLES HENRY FABIAN, of Wellington, New Zealand, Sheet-metal Worker. Improved adjustable plant-support.*

Claims.—(1.) A plant-support consisting of a spring band and standard, the band secured around the plant or plants by the insertion of said standard, substantially as set forth. (2.) A plant-support comprising an open spring band having two spring eyes for the purpose of joining. (3.) A plant-support comprising an open spring band having, for the purpose of joining, two spring eyes for use in combination with a standard, substantially as set forth. (4.) The combination and arrangement of parts comprising the improved plant-support, substantially as and for the purposes set forth and illustrated in the drawing.

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

No. 20591.—18th January, 1906.—WILLIAM ERNEST HUGHES, of Queen's Chambers, Wellington, New Zealand, Registered Patent Agent (nominee of Industrial Patents Limited, of 40 Chancery Lane, London, England—the assignees of Stephen French, of 56 Milton Road, Swanscombe, Kent, England). Improvements in boot and shoe trees.

Claims.—(1.) In a boot or shoe tree as described, a laminated spring composed of layers or strips of unequal lengths so arranged that an initial bending of the spring may be effected before the combined strength or reaction of the layers or strips is exerted to resist the bending force, substantially as described. (2.) The improved boot or shoe tree consisting of the front or toe piece and the laminated spring pivotally connected thereto, substantially as described. (3.) The improved boot or shoe tree consisting of the front or toe piece, the heel-piece, and the two laminated springs separately pivoted at both ends to the toe and heel pieces, substantially as described.

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

No. 20600.—17th January, 1906.—GEORGE OSBORNE, of Tinwald, New Zealand, Farmer. An improved machine for spraying liquids.*

Extract from Specification.—The invention comprises a vehicle adapted to be drawn by a horse, and the width between the wheels of which is adjustable to allow of its being adapted for different widths of furrows. Upon the vehicle is a reservoir for containing the spraying-mixture, a pump operated by the driving axle of the vehicle in connection with such reservoir, a high-pressure chamber in connection with the pump, an air-receptacle in which air is stored under compression and which air-receptacle is also in communication with the high-pressure chamber, and an air-pump also driven by the axle, for storing air within the air-receptacle.

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

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

No. 20647.—27th January, 1906.—JAMES AGUSTUS BOYD, of 15 Barker Street, Wellington, New Zealand, and HENRY STEPHEN WOOLCOTT, of 29A Hankey Street, Wellington aforesaid. An improved paint.

Extract from Specification.—We use the following ingredients, and in the following proportions: Three pounds resin, one quarter of a pound gum camphor, one quarter of a pound powdered borax, and one quarter of a pound sugar of lead.

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

(Specification, 1s.)

No. 20649.—27th January, 1906.—ROBERT ANTHONY NOEDL, of Woodville, in the Provincial District of Wellington, in the Colony of New Zealand, Commercial Traveller. An improved protector for bicycle pedals.*

Extract from Specification.—The protector consists of a sheet of leather of a length and width, which will cover one side of the pedal, to which it is secured by spring clips attached to the leather.

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

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

No. 20719.—14th February, 1906.—ARTHUR JAMES BILLOWS, of 643 Ann Street, Fortitude Valley, Brisbane, Queensland, Australia, Manufacturing Chemist. Improvements in the mode of producing aerated drinks and apparatus therefor.*

Claims.—(1.) In machines for aerating liquids, a stationary mixing-chamber into which small quantities of gas and liquid are admitted every revolution of the bottle-rack, and a similar quantity passed on into the bottles in the rack and further mixed by the rotation of the latter. (2.) In machines for aerating liquids such as described in the preceding claim, a mixing-chamber in which rotates a hollow shaft or trunnion carrying agitating-vanes; a gas-admission valve, and cams carried on the shaft or trunnion for operating same; a valve for controlling the admission of the gassed liquid into the bottles, said valve being operated by a cross-head with rollers rising on cam tracks; a bottle-rack (with guards) operated

by handles; a snifting valve, the latter opened by means of a cam or cams on chamber-cover; a double-acting pump driven from rear end of hollow shaft. (3.) In machines for aerating liquids such as is claimed in the preceding claims, the combination of the bottle-rack mounted on the hollow shaft or trunnion with the mixing-chamber, as described and illustrated. (4.) In machines for aerating liquids, a stationary mixing-chamber in which rotates a shaft carrying agitating-vanes; a gas-admission valve, and cams carried on the shaft for operating same; and means for withdrawing the gassed liquid from said mixing-chamber.

(Specification, 5s. 3d.; drawing, 2s.)

No. 20767.—22nd February, 1906.—HERBERT GEORGE SMITH, of Okoroire, Auckland, New Zealand. Improvements in fencing-standards.*

Claim.—In combination with a fencing-standard having an L-shaped slot for the reception of the fencing-wire, of plates pivoted to the standard, ears integral with the plates and passing into the slots, recesses at the back and front of the slot for the reception of the ears, and a recess in the plate for the reception of the fencing-wire, substantially as set forth.

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

No. 20822.—8th March, 1906.—JOHN MCGUIRE, of 82 William Street, Melbourne, Victoria, Australia, Mechanic. Improvements in cooking-ovens.

Claim.—In cooking-ovens, in combination, an oven-door having an aperture cut therein, a sheet of glass covering such aperture and enabling articles in the interior of the oven to be seen through same, a fillet of non-combustible compressible material surrounding the edges of such glass, a graduated thermometer placed behind such glass and exposed to the heat of the oven, said thermometer having its graduated face hermetically secured to the sheet of glass, a rim-plate to keep the glass and thermometer in position, and means for securing the whole of the parts together, substantially as and for the purposes set forth, and as illustrated on the drawings.

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

No. 20855.—14th March, 1906.—WILLIAM HAROLD THOMAS, of 64 Pitt Street, Sydney, New South Wales, Australia, Agent (nominee of William Hermann Scharf, of 156 St. Antoine Street, Montreal, Canada, Manager). Improvements in linotype machines.

Extract from Specification.—In accordance with the present invention these several operations, in connection with the machine illustrated and described in the above-recited Letters Patent, but which are generally common to all linotype machines, may be effected through one lever or handle. Further objects of the invention consist in providing new mould-wiping means for such machines, and in improving the construction of the justifying means, all of which will be described in detail in the description below and in connection with the drawings.

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

(Specification, 17s. 6d.; drawing, 5s.)

No. 20952.—4th April, 1906.—ALCOCK AND CO. PROPRIETARY, LIMITED, of No. 212 Russell Street, Melbourne, Victoria, Australia, Billiard-table Manufacturers (assignees of Frederick Arthur Alcock, of No. 212 Russell Street, Melbourne, aforesaid, Manufacturer). Improvements in billiard-tables.*

Claims.—(1.) In billiard-tables or the like, a pocket constructed with a saucer-shaped bottom part supported by hinge-pins from a ring arranged above it in the pocket, substantially as described and shown. (2.) In billiard-tables or the like, a pocket having its upper part formed of netting A^1 secured at its top edge to the pocket-bar and cushion-rail as ordinarily, and with its lower part formed of a circular ring as B secured to the cushion-rail and carrying by a hinge-connection a saucer-shaped bottom part C, said parts B and C being padded internally, substantially as described and shown. (3.) In billiard-tables or the like, a cushion-rail constructed with a longitudinal strip of metal as A^2 secured to the inclined face of the wood rail as A^3 behind the rubber portion, substantially as described and shown.

(4.) In billiard-tables or the like, a cushion-rail constructed with a longitudinal strip of metal as A² secured to the inclined face of the wood rail as A³, and said metal strip being coated with linen as a³, which lies behind the rubber portion A⁴, substantially as described and shown.

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

No. 20956.—2nd April, 1906.—DR. HEINRICH COLLOSEUS, of Pragerstrasse 29, Berlin, in the Empire of Germany, Chemist. Improvements in the manufacture of cement from furnace slag.

Claim.—The method of the manufacture of cement from blast-furnace slag wherein dissolved salts of calcium, aluminium, or magnesium (or mixtures of such salts) are added to the liquid furnace-slag, according to its composition, in such a manner that the cooled slag in a pulverised condition will harden to cement without further additions, substantially as described.

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

No. 21113.—9th May, 1906.—CHARLES JAMES WALKER, of "Cloverfield," No. 238 McKean Street, North Fitzroy, Melbourne, Victoria, Australia, Boot-manufacturer. Manufacture of machine-sewn single-soled footwear.*

Claims.—(1.) The manufacture of machine-sewn single-soled footwear by means of a sole-sewing machine in the manner set forth. (2.) The manufacture of machine-sewn single-soled footwear consisting in tacking a narrow strip of leather around the last, pulling the upper over same, removing and replacing the tacks through the inside strip and upper, bracing the upper to the last, withdrawing the tacks, and stitching the sole to the upper through said inside strip of leather in the manner set forth. (3.) Single-soled footwear having an inside narrow strip of leather and a stitching right through the sole, upper, and said strip, substantially as illustrated.

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

No. 21120.—9th May, 1906.—THOMAS ROWLAND MORRIS, of Nos. 8 and 10, City Road, South Melbourne, in the State of Victoria, Commonwealth of Australia, Managing Director. Improvements in the folding of boxes, cases, and like articles.

Extract from Specification.—In constructing a collapsible box or like article according to my invention two sides of the same, the bottom and the top (or lid) are creased, scored, or hinged in such a manner so as to be capable, when the box is built up or completed, of being folded so as to lay in a perfectly flat position. The other two or remaining sides are in a perfectly plain condition. The two creased, scored, or hinged sides are cut of a length a little larger than the plain sides for the purpose of allowing flaps or flanges to be made, which are at the corners thereof cut so as to form slots and lugs or projections for the purposes of interlocking the sides together, as will be fully explained, and also for the purpose of providing flanges for the fastening-together of the four sides. The lugs or projections are strengthened by means of a piece of thin sheet metal having spikes or legs on the inside surface for attachment to the before-mentioned lugs.

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

(Specification, 10s. 6d. ; drawing, 1s.)

No. 21170.—17th May, 1906.—DOUGLAS ALEXANDER CHINNEY BROWN, of Palmerston North, New Zealand, Accountant and Farmer. An improved toy.

Claims.—(1.) In toys of the class described consisting of a figure provided with a weighted balancing-rod, the employment of arms pivoted to the figure, across the outer free extremities of which arms the balancing-rod is laid and secured, substantially as specified. (2.) The improved toy, substantially as specified, and as illustrated in the drawings.

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

No. 21282.—8th June, 1906.—JOHN ROY MASSON, of No. 121 Victoria Parade, East Melbourne, in the State of Victoria, Commonwealth of Australia, Assayer and Metallurgist. An improved wet process for the recovery of antimony and arsenic from ores, concentrates, tailings, and slimes containing them.

Claims.—(1.) Treating and agitating pulverised ore or other material containing antimony or arsenic, or both of them, in a suitable vessel containing a solution composed of caustic soda, caustic potash, or other alkali and water (hot or cold) of the requisite strength in order to liberate the antimony and arsenic from the ore or other material, and the reprecipitation of said metals as a sulphide by the addition, in a suitable vessel, of acid such as sulphuric acid, substantially as described. (2.) A wet process for the purpose specified consisting in treating pulverised ore or other material containing antimony or arsenic or both in a closed or open vessel containing a hot or cold solution composed of caustic soda, caustic potash, or other alkali, and water of the requisite strength, and agitating or leaching the materials therein, then decanting or filtering off the solution containing the sulphides, and afterwards reprecipitating said sulphides by the addition of an acid such as sulphuric acid, and so recovering the antimony and arsenic, substantially as described.

(Specification, 3s.)

No. 21649.—14th August, 1906.—ALEXANDER MURDOCH, of Dunedin, in the Colony of New Zealand, Chemist. Improved soap and method of making same.

Extract from Specification.—According to my invention the soap is made from oleic acid mixed with either soda crystals or soda ash as described.

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

(Specification, 3s.)

No. 21848.—28th September, 1906.—HENRY GEORGE WILLIAMS, ARTHUR BROAD, and CHARLES GEORGE CROLY, of St. Andrew Street, Dunedin, New Zealand, Brush-manufacturers. An improvement in brush or broom making.

Claims.—(1.) In brush-making, in combination, fibre of any sort doubled in a hollow groove in the stock, secured in position by a U- or trough-shaped holdfast and nails, with end clips, the whole forming a brush, all substantially as shown on the drawing and as described and explained. (2.) In brush and broom making, the combination of fibre of any description doubled in a hollow groove, between said groove and a nailed holdfast riveted over at the ends, with clips, the whole forming a brush with the fibres in one or more rows, all substantially as set forth and as shown on the drawing.

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

No. 21860.—2nd October, 1906.—VICTOR CHARLES JOHN NIGHTINGALL, of 265A Post Office Place, Melbourne, Victoria, Commonwealth of Australia, Electrical Engineer. An improved filter for attachment to water-taps.

Claims.—(1.) In a filter adapted to be attached to a water-tap and having a cylinder containing a filtering-material composed of cotton-wool or fibrous material, of a flanged diaphragm of gauze fitting the cylinder and upon which the filtering-material rests, and another flanged diaphragm of gauze above the filtering-material and slidable within the cylinder, substantially as set forth. (2.) A filter comprising, in combination, a cylinder having projecting portion, a Royle union for attaching the cylinder to a tap, a flanged diaphragm of gauze resting upon a shoulder formed in the cylinder, fibrous filtering-material supported upon the flanged diaphragm, and another flanged diaphragm of gauze above the filtering-material and slidable within the cylinder, substantially as set forth.

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

No. 21867.—3rd October, 1906.—BENJAMIN CRAWFORD and HERBERT ARCHIBALD TATTERSALL, of St. Mary's Road, Ponsonby, Auckland, New Zealand, Plumbers. An improved hot-water system.

Claims.—(1.) In a hot-water system, the carrying of the return pipe leading from the draw-off tap over the top of the

oven or some other part of the range, and if necessary forming a loop in such pipe whereby the water is reheated before being returned to the circulating tank, substantially as and for the purposes set forth and as illustrated. (2.) In hot-water systems, the employment of a sludge-cock at the lower part of the same, and connected with the various pipes in such manner that the whole of the system may be cleared thereby, substantially as specified, and as illustrated in the drawing.

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

No. 21925.—17th October, 1906.—CHARLES HUDSON THORBY, of Stanway, Halcombe, New Zealand. A screw-driving machine.

Claims.—(1.) A machine for use in driving screws, comprising a screw-threaded bolt screwing longitudinally through a frame, a screw-driver extending longitudinally through a bore formed in such bolt and projecting beyond each end thereof, a spring surrounding the upper projecting end of the screw-driver and in compression between the head of the bolt and an enlargement of such screw-driver, and means whereby the screw-driver may be depressed and released from pressure and whereby the bolt may be rotated, substantially as and for the purposes specified. (2.) In a machine for use in driving screws such as that referred to in claim 1, a pivoted lever-arm extending diametrically across the top end of the screw-driver and pivoted on one side thereof, substantially as and for the purposes specified. (3.) The screw-driving machine constituted and operating substantially as described and explained, and as illustrated in the drawing.

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

No. 21935.—15th October, 1906.—WILLIAM TYREE, of Nelson, New Zealand, Gas Engineer. A new or improved automatic spray for painting, agricultural, or disinfecting and other analogous purposes.*

Extracts from Specification.—My invention consists principally in the application of acetylene gas as a motive power in an apparatus (also the subject of my invention) worked automatically by the operation of such gas, for the spraying of paint, and fluids or solutions for agricultural, disinfecting, and other analogous purposes. My invention is carried out by the construction of a metal cylinder having an aperture at the top fitted with a gastight lid. . . . The receptacle is so arranged that when the shaft is revolved it is turned upside down, and the carbide of calcium is thrown into the solution for spraying placed in the cylinder.

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

(Specification, 7s. 6d. ; drawing, 1s.)

No. 21950.—23rd October, 1906.—WILLIAM TYREE, of Nelson, New Zealand, Gas Engineer. A new or improved building-block for the construction of the walls of refrigerating-chambers or other like receptacles, and of incubators, and of fireproof safes, and fireproof partitions or walls for buildings, and the method of constructing such walls and partitions therewith.

Claim.—The new or improved building-block, with partitions therein so as to form cellular cavities, for the construction of the walls of refrigerating-chambers or other like receptacles, of incubators, and of fireproof safes, and fireproof partitions or walls for buildings, and the method of constructing such walls and partitions therewith, all substantially as described, and illustrated in the drawings.

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

No. 21954.—24th October, 1906.—EDWARD MURRAY TOMLINSON, of the Castle House, Petersfield, Hants, England, Clerk in Holy Orders. Improved hand signalling-lantern for the use of railway guards, shunters, and others.

Extract from Specification.—The construction of the improved lantern is such that merely by sharply twisting the hand which holds the lantern the frame carrying the different coloured glasses will be caused to rotate, relatively to the

lantern body, through a definite angle, and may at each such operation bring a different coloured glass into registration with the bull's-eye of the lantern.

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

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

No. 21956.—24th October, 1906.—THE DE FOREST WIRELESS TELEGRAPH SYNDICATE, LIMITED, of 6 Princes Street, London, England (assignees of Lee De Forest, of 42 Broadway, New York, United States of America, Electrical Engineer). Improvements in and relating to apparatus for use in signalling by electro-magnetic waves.

Claims.—(1.) Apparatus in which predetermined direction-indicating signals may be sent by electro-magnetic waves in predetermined direction, for the purpose specified. (2.) Apparatus as in claim 1 adapted to send signals of a predetermined character to indicate to the receiving apparatus the location of the apparatus transmitting the signals. (3.) In apparatus of the kind referred to in claims 1 and 2 a rotatable signalling-wheel divided into sectors and provided with electrical contacts, substantially as and for the purpose specified. (4.) Apparatus of the kind referred to in claim 1 provided with radiation-concentrating devices comprising a rotatable parabolic reflector or an inclined rotatable antenna, for the purpose specified. (5.) Apparatus as in claim 1 adapted for use on shipboard, and in which signals may be received by said apparatus during intervals in which it is not being used as a transmitter, for the purpose specified. (6.) Apparatus as in claim 5 having a switch adapted to render the responder of the signal-indicating mechanism inoperative when signals are being transmitted, and to render said responder operative when signals cease to be transmitted, substantially as and for the purpose specified. (7.) A modified form of apparatus of the kind referred to in claim 1 adapted for use on locomotives and the like, in which the antennæ are connected at rapidly recurring intervals to the transmitting and receiving apparatus alternately, substantially as and for the purpose specified. (8.) Apparatus having its parts constructed, arranged, and adapted to operate substantially as described with reference to any of the examples illustrated in the drawings, for the purpose specified.

(Specification, 12s. ; drawing, 2s.)

No. 21957.—24th October, 1906.—JOHN HENRY HICKMAN and JOHN WHITELAW, 33c Lorne Street, Wellington, New Zealand, Cabinetmaker and Carver respectively. Improved showcase.

Extract from Specification.—In carrying out our invention we cut segments from out of the edges of ordinary pieces of flat window or plate or sheet glass of any size or shape or pattern, as shown on drawing Fig. 4, and by bending the flat surfaces of the glass E (Figs. 2 and 3) to the required sweep or shape, so as to allow of the opposite internal edges FF of glass E (Fig. 4) on drawing out of which the segment has been cut, to be drawn closely together.

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

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

No. 21958.—24th October, 1906.—JOHN HENRY HICKMAN and JOHN WHITELAW, 33c Lorne Street, Wellington, New Zealand, Cabinetmaker and Carver respectively. An improved motor-car dust and wind shield.

Claim.—A dust and wind proof motor-car shield of semi-circular shape in combination with double-hinged arms and supports, and sliding and folding glazed frames, substantially as described and shown in drawings.

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

No. 21959.—24th October, 1906.—JOHN HENRY HICKMAN and JOHN WHITELAW, 33c Lorne Street, Wellington, New Zealand, Cabinetmaker and Carver respectively. An improved window or showcase bar.

Claim.—A glass dividing or framing bar for use in combination with and in the construction of showcases, window-fronts, frames, or sashes and the like. The bar to consist of a combination of glass and metal, or glass, metal, and wood, or glass and wood, or entirely of glass, substantially as described, and shown in drawings.

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

No. 21960.—24th October, 1906.—ANDREW DUNBAR SLOANE, of Wellington, New Zealand, Chemist. An improved advertising-device.

Claim.—An advertising-device consisting of a nail in two parts connected by a curved band for receiving advertisements, substantially as described, and illustrated on the drawings.

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

No. 21963.—25th October, 1906.—WILLIAM CURTIS, of Vincent Road, Remuera, Auckland, New Zealand, Commission Agent. Improvements in hurdles.

Claims.—(1.) The described improvement in hurdles consisting of a roller mounted revolvably above the top bar of the hurdle, substantially as set forth. (2.) The described improvement in hurdles consisting of a roller mounted above the top bar of the hurdle in blocks slidable in straps secured to the uprights of the hurdle and cushions in the straps against which the blocks bear, substantially as set forth.

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

No. 21964.—25th October, 1906.—EDWARD HOPE KIRKBY, of Equitable Building, Pitt Street, Sydney, New South Wales, Australia, Electrician. Improvements in electric temperature alarms.

Extract from Specification.—My invention consists of a metal cup, preferably of tinned copper, which is so divided that portion of the intervening space extends to the lowest part of the cup. In said cup, but not bridging the divisions thereof, is placed or dropped a quantity of a suitable fusible alloy, and melted resin is then run in so as to solidify over the alloy and in the said space.

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

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

No. 21968.—25th October, 1906.—ALFRED JOHN BOND, of Jervois Road, Ponsonby, Auckland, New Zealand, Blacksmith. Improvements in garden-rollers.

Claims.—(1.) In a garden-roller having a cylinder made of earthenware, cross-bars fitting recesses provided in the ends of the cylinder, a spindle passing through the cross-bars having screw-threaded ends and nuts screwed upon the spindle and securing the cross-bars in position, substantially as set forth. (2.) In a garden-roller having a cylinder made of earthenware, cross-bars fitting recesses provided in the ends of the cylinder, a spindle passing through the cross-bars having screw-threaded ends and nuts screwed upon the spindle and securing the cross-bars in position, in combination with a scraper having loops at its ends surrounding the handle of the roller and adjustable thereon, substantially as set forth.

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

No. 21971.—26th October, 1906.—ALFRED CATTIN, of Akaroa, New Zealand, Surgeon Dentist. Improvements in and relating to rolling-pins.

Extract from Specification.—The attachment designed consists of a hopper, adapted to hold flour, that is fitted longitudinally upon the rolling-pin in such a manner as to envelope the upper portion of its periphery and to be kept in such a position during the use of the pin.

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

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

No. 21974.—27th October, 1906.—RUPERT EGERTON BURKE, of Timaru, New Zealand, Guard. A hose-reel attachment or trailer for cycles.

Claims.—(1.) A hose-reel attachment or trailer for cycles, the same comprising a frame mounted upon a pair of wheels and carrying a spindle in a line parallel with the wheel-axle, reels adapted to receive the hose and mounted on such spindle so as to be free to rotate thereon, and means for connecting the

trailer to the cycle, substantially as specified. (2.) A hose-reel attachment or trailer for cycles, such as that described in claim 1, and having spring clips and brackets adapted to receive and hold hydrants and nozzles thereon, substantially as specified. (3.) The hose-reel attachment or trailer for cycles, substantially as described and explained, and as illustrated in the drawings.

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

No. 21982.—30th October, 1906.—FREDERICK SAMUEL GREER, of Wallandool, Henty, New South Wales, Australia, Station-manager. Improvements in fume-delivering apparatus for rabbit-destruction and other purposes.

Claims.—(1.) In a machine of the class indicated, the combination as a whole of the parts described relatively to Fig. 1. (2.) In a machine of the class indicated, the combination with any suitable air-pump of a chemical and mixing chamber having the respective details described and illustrated in Fig. 1, and having any suitable outlet or outlets. (3.) In a machine of the class indicated, a mixing-chamber having a base part to receive material or chemical which will give off fumes, and a top part in which is a two-way valve which when operated simultaneously connects or disconnects the chamber in relation to an air-pump and an exit. (4.) In a machine of the class indicated, the two-way valve illustrated, the plug of which has a suitable projection (such as k) extending downward into a mixing-chamber, for the purpose set forth.

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

No. 21983.—30th October, 1906.—THOMAS HENRY MAPF, of 382 Burke Street, Surry Hills, near Sydney, New South Wales, Australia, Engineer. Improvements in hydraulic presses.

Extract from Specification.—According to my invention the top box is movable vertically on the head of the press by means of two double-acting plungers which raise and lower said box, and also prevent its shifting when the ram acts to compress the material against the head of the press.

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

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

No. 21984.—30th October, 1906.—WILLIAM ROSS and ALEXANDER ROSS, of Foxton, New Zealand, Rope and Twine Manufacturers. An improvement in twine-reeling machines.

Extract from Specification.—The improvement designed consists in an attachment to the reeling-machine, which attachment comprises a metal block secured upon a base-piece and formed with a circular aperture or bore, through which the twine is adapted to be passed, provided with a cutting edge encircling its mouth. The base-piece is formed with an upwardly extending member formed with a bore in a line with the bore in the block, and through which the twine passes before passing through that in the block.

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

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

No. 21985.—31st October, 1906.—DAVID JOHN KELLY, of No. 6 Delmar Avenue, Salt Lake City, Salt Lake, State of Utah, United States of America, Metallurgist. Improvements in and relating to slime-filtering apparatus.

Extract from Specification.—I employ in my invention a filter which I have found particularly useful for metallurgical work; but to this particular use the filter is not limited, since it may be successfully employed in other fields, and substantially wherever the separation of solids from fluid matter is desired. The filter includes a stationary tank A set preferably at an incline and having a general cylindrical form, although it may have any other desired and suitable cross-sectional shape. This cylinder has one of its ends, preferably the higher one, permanently closed, while the opposite or lower end A' is capable of being opened and closed for introducing and removing the filter-frames. As my process involves substantially a filtration under pressure, I make the tank sufficiently strong to resist the necessary applied pressure. Extending along the inner sides of the tank are track rails a, upon which travel the wheels of a carrier b, having a substantially rectangular form, as shown in Figs. 3, 4, and suitably interiorly braced. The carrier is connected with or made a part of the lower or movable head of the tank.

and it is designed to support and carry the filter-frames, which latter, the wheeled carrier, and the removable head of the tank constitute substantially a unitary structure, since the several parts are so related that they may be positioned and removed relative to the tank, although the filter-frames proper are so connected to the carrier that they may be removed for cleaning when desired and additional frames substituted. The filter-frame C I prefer to make in the form of substantially rectangular bags or sacks D, interior to which are placed cross strips *c* or means for holding the sides of the bags or sacks apart and to prevent their collapsing under the pressure which I prefer to employ in carrying out the object of my invention, and also to provide the necessary interior space for the free movement of separated or filtered liquid.

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

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

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*.

F. WALDEGRAVE,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington 28th November, 1906.

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

- No. 20333.—W. McIntyre, coal-boring drill. (J. Smith.)
- No. 21539.—J. Whitehouse, wire mattress.
- No. 21647.—M. A. Grant, converting burnt clays into pottery, &c.
- No. 21691.—J. Greenfield, nosebags for feeding animals.
- No. 21819.—J. D. Smith and J. J. Scott, railway-truck door.
- No. 21825.—S. Hanham, screw.
- No. 21838.—H. M. Keesing, securing carpets, &c.
- No. 21847.—W. Morton, non-slipping shears.
- No. 21895.—B. G. A. Harkness, potato-planter.
- No. 21903.—C. Goldman, combination lounge and bed.
- No. 21908.—W. J. Bell, link.
- No. 21919.—Morgan and Co., Limited, galvanised-iron roof. (F. W. Smith.)
- No. 21920.—J. E. Crowle, lifting-jack.
- No. 21922.—D. Robertson, self-addressed message, &c., form.
- No. 21926.—T. E. Pettinger and C. G. Merkley, differential hoisting-pulley.
- No. 21928.—P. Whelan, shovels, spades, &c.
- No. 21931.—A. H. Krause, preservative for plants.
- No. 21932.—J. Stitt, D. B. Hood, and A. T. Blair, discharging railway-truck.
- No. 21938.—A. Hare, gas-valve operator.
- No. 21940.—J. and A. Burfoot, pneumatic wheel.
- No. 21942.—E. Seagar, antimony-cruding furnace.
- No. 21948.—W. A. Strachan, turnip-cutter.
- No. 21951.—H. Ashworth, tram-destination indicator.
- No. 21952.—G. H. Hunter, butter-box. (R. H. Ellis.)
- No. 21953.—J. Pomeroy, paper-file.
- No. 21962.—J. W. Marriott, fumigating burrows.
- No. 21966.—J. E. Crowle, stoves, &c.
- No. 21970.—F. Arenas and J. Ross, fire-alarm, &c.
- No. 21975.—H. G. Kettle, teat-cup.
- No. 21987.—C. W. Peach, hinge.
- No. 21988.—J. A. Belk, window.
- No. 21989.—G. H. Longdin, hamper-lid fastener.
- No. 21991.—Rheinisch-Nassauische Bergwerks and Hutten-Actien-Gesellschaft, production of zinc from ores, &c. (W. Borchers and A. Graumann.)
- No. 21994.—C. Miller, producing optical illusions on post-cards, &c.
- No. 22000.—G. Oliver and J. F. Peasley, valve.
- No. 22001.—J. Baird, sand, &c., elevator.
- No. 22002.—J. Baxter, window.
- No. 22006.—C. A. Reinkowsky, bridle.
- No. 22007.—J. Jamison, window-sash fastener.

- No. 22010.—W. Sim, milking-machine.
- No. 22012.—E. W. Thurgar, detaching tongue of buckle from strap, &c.
- No. 22013.—J. Macalister, disc scarifier.
- No. 22016.—W. R. Eade, disc coultter.
- No. 22019.—C. Suggate and W. E. Cayley Alexander, treatment of ores.
- No. 22020.—A. Lyell, non-refillable bottle.
- No. 22027.—J. G. McMillan, cream-cooler.
- No. 22033.—R. H. White, internal-combustion engine.
- No. 22040.—B. Boehm, R. Entz, and A. J. Rost, wire-netting machine.
- No. 22047.—L. Roberts, dress-cutting chart.
- No. 22058.—United Shoe Machinery Company, guides for inseam-sewing machines. (C. I. Fuller.)
- No. 22059.—United Shoe Machinery Company, sewing-machines. (E. E. Winkley.)
- No. 22060.—United Shoe Machinery Company, producing and inserting fasteners. (F. H. Perry.)

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

Letters Patent sealed.

LIST of Letters Patent sealed from the 15th to the 28th November, 1906, inclusive:—

- No. 19558.—W. Brew, plough-bearing.
- No. 19819.—A. H. Farmer, steam-valve.
- No. 19825.—J. Northey, valve.
- No. 19827.—W. T. Nuttall, branding-appliance.
- No. 19859.—H. Shuckar, file.
- No. 19880.—C. N. Collison, carbon-dioxide. (J. C. Stead.)
- No. 19917.—J. Crook, raising sunken ships, &c.
- No. 19975.—A. M. Grainger, plough.
- No. 19998.—T. Branton, cleaning flax.
- No. 19999.—A. M. Grainger, bird-trap.
- No. 20102.—T. J. Whelan, reversible labels.
- No. 20185.—W. H. Bowser, cramp.
- No. 20724.—P. and D. Duncan, Limited, disc plough.
- No. 20897.—J. Rennie, wire-strainer.
- No. 21019.—L. Hooker, incandescent-light mantle.
- No. 21125.—V. Bordigoni, destruction of fecal matter, &c.
- No. 21401.—L. Serpollet, heating steam-generator.
- No. 21424.—W. Leivesley, simultaneous telegraph communication.
- No. 21443.—J. J. Anderson, treating kapok and flock machine.
- No. 21453.—Bryant and May, Limited, match-filler. (J. P. and C. F. Wright.)
- No. 21461.—O. de S. Cruz, preservation of food.
- No. 21470.—D. M. B. H. Cochrane, tea and coffee pots.
- No. 21475.—H. T. Jones and R. H. Mundell, pumps, &c. (H. T. Jones and J. P. Ludeman.)
- No. 21509.—F. Staines, smoking-pipe.
- No. 21510.—H. R. Worthingham, compensating direct-acting engine. (F. F. Nickel.)
- No. 21550.—H. P. D. Ohlhaber, milking-machine.
- No. 21572.—T. B. Lockley, fuel-box.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 15661.—D. R. S. Galbraith and W. Steuart, reduction of ironsand, &c. 16th November, 1906.
- No. 15662.—D. R. S. Galbraith and W. Steuart, reduction of ironsand. 16th November, 1906.
- No. 15677.—F. F., A. C., and H. W. Coulsell, multitubular boiler. 21st November, 1906.
- No. 15694.—T. Smith and G. Boardman flushing-cistern. 15th November, 1906.
- No. 15750.—A. Gaulin, mixing milk. 14th November, 1906.
- No. 15795.—W., J., and W. Fairweather, flax-drum. 21st November, 1906.
- No. 16234.—The Cooper-Hewitt Electric Company, electric gas-lamp. 14th November, 1906.

THIRD-TERM FEES.

- No. 12066.—Andrews and Beaven, Limited, mixing and preparing chemical manures. (W. Andrews and A. W. Beaven.) 20th November, 1906.
- No. 12225.—McKay Shoe Machinery Company, heel-breasting machine. (W. E. Hughes—J. J. Heys.) 15th November, 1906.

Subsequent Proprietors of Letters Patent registered.

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

NO. 11138.—United-Xpedite Finishing Company, of Berwick, in the State of Maine, United States of America, a corporation duly organized under the laws of said State of Maine, and having a place of business at 205 Lincoln Street, Boston, in the Commonwealth of Massachusetts, in said United States of America. Heel-finishing machine. [Xpedite Machine Company—Z. Beaudry.] 20th November, 1906.

No. 11608.—Frederic Shipman, of Christchurch, in the Colony of New Zealand, Theatrical Entrepreneur. Apparatus for exhibiting pictures. [E. B. Koopman.] 20th November, 1906.

No. 13787.—Ferro-concrete Company of Australasia, Limited, whose registered office is situate at Brookman's Buildings, Grenfell Street, Adelaide, in the State of South Australia, registered as proprietors of the interest of James Grice and William Affleck Robertson, both of Melbourne, in the State of Victoria, as licensees. Concrete and metal partitions. [G. L. Mouchal and C. Eliet.] 19th November, 1906.

No. 15637.—George Inglis, of Auckland, in the Colony of New Zealand, Plumber, registered as proprietor of the share or interest of the late A. Jewiss. Glazing corrugated iron. [A. Jewiss and G. Inglis.] 21st November, 1906.

No. 16744.—Toronto Type-foundry Company, Limited, a corporation organized and existing under the laws of the Dominion of Canada, having their principal place of business in Toronto, Province of Ontario, Dominion of Canada. Lino-type machine. [D. A. Poe and W. H. Scharf.] 27th November, 1906.

No. 17139.—William Reid Douglas, of Dunedin, in the Colony of New Zealand, Engineer. Protector for dredge bucket and links. [R. R. Douglas.] 20th November, 1906.

No. 17958.—Law Oldfield, formerly of 20 Geelong Road West, Footscray, but now of South Preston, in the State of Victoria, in the Commonwealth of Australia, Gentleman, and Richard Pickup Park, of 7 Fishley Street, South Melbourne, in the said State, Engineer, registered as proprietors of a three-eighths and one-fourth share respectively. Exhaust-valve for engines. [E. Richardson.] 20th November, 1906.

No. 19707.—The Hibberd Prepayment Machine Syndicate, Limited, a company and body corporate duly incorporated in New Zealand, whose registered office is at Mercantile Chambers, Queen Street, Auckland, in the Colony of New Zealand. Coin-freed machine. [C. E. Hibberd.] 20th November, 1906.

No. 19838.—Metallurgiska Patentaktiebolaget of Centralpalatset, Stockholm, Sweden, a company, limited. Electric furnace. [F. A. Kjellin.] 20th November, 1906.

Notice of Request to amend Specification.

Patent Office,

Wellington, 28th November, 1906.

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

No. 19861.—10th August, 1905.—The Monitor Shipping Corporation, Limited, of Newcastle upon Tyne, England. Navigable vessel. (W. Petersen.) (Advertised in Supplement to *New Zealand Gazette*, No. 22, of the 22nd March, 1906.)

The nature of the proposed amendment is as follows:—
To strike out the whole of claim 3, and to number the last claim "3" instead of "4."

The applicants state, "Our reasons for making this amendment are as follows: To limit the claims to the novel features of the invention."

Requests to amend Specifications allowed.

THE requests to amend specifications No. 17425—Moore and Heskett, treating ferruginous ore—and No. 20616—Driffeld and Johns, chimney-top—(advertised in Supplement to *New Zealand Gazette*, No. 88, of the 18th October, 1906) have been allowed.

Request for Correction of Clerical Error.

NO. 21302.—D. and F. W. Smith, goloshes, gum-boots, &c. (Advertised in Supplement to *New Zealand Gazette*, No. 68, of the 9th August, 1906.)
To alter the word "manipulation" to "manufacture" in the first line of claims 1 and 3.

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 15th to the 28th November, 1906, inclusive:—

- No. 20573.—F. E. A. Gordon, metal-polish.
- No. 20584.—E. J. Rigby, fluid feed for operating hammer rock-drills.
- No. 20588.—E. J. Hampton, window-fastener.
- No. 20593.—A. McGregor, T. F. Macdonald, J. N. Parkes, and J. K. Mehan, diving-dress.
- No. 20597.—G. Pulman, curving-attachment to planing, &c., machines.
- No. 20598.—E. J. Ritchie, egg-trap nest.
- No. 20601.—J. W. Fowler, buffer-attachment to doors.
- No. 20602.—A. S. Frost, instrument for ringing cattle.
- No. 20603.—J. C. D. Dow, liquid measurer and draw-off.
- No. 20606.—E. R. Godward, gas-hangings.
- No. 20607.—E. R. Godward, deck or verandah chair.
- No. 20608.—R. Dunne, brooch.
- No. 20609.—R. Dunne, sleeve-cuff protector.
- No. 20611.—J. A. Woodward, brace and trouser adjust-ment.
- No. 20614.—J. Strachan, fan.
- No. 20615.—A. L. Speden, door-lock.
- No. 20619.—J. Glossop, sock.
- No. 20623.—K. Knox, candle-holder for sewing-machines, &c.
- No. 20625.—D. McKinnon, seed-sower.
- No. 20626.—J. R. Masson, recovery of gold and antimony.
- No. 20632.—M. Daly, windmill-mechanism.
- No. 20633.—W. E. Henderson, sheep-shears.
- No. 20634.—F. A. Alcock, billiard-table pocket.
- No. 20643.—Pillatt and Co., Limited, furnace. (A. E. Pillatt.)
- No. 20646.—W. H. Mawhinay, fire-kindler.

Applications for Letters Patent void.

A PPLICATIONS for Letters Patent, with which complete specifications have been lodged, void, owing to non-acceptance of such complete specifications, from the 15th to the 28th November, 1906, inclusive:—

Nil.

Applications for Letters Patent lapsed.

LIST of applications for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 15th to the 28th November, 1906, inclusive:—

- No. 19484.—A. Voelker, heating by electricity.
- No. 19486.—J. Baird, ore-crusher.
- No. 19508.—W. Langdon, rowlock.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 15th to the 28th November, 1906, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 15230.—J. W. Porter, operating moving targets.
- No. 15265.—A. Gray, combined claw-hammer and staple-drawer.
- No. 15266.—A. Gray, saddle tool-bag.
- No. 15267.—A. Gray, combined file, wire-twister, and rule.
- No. 15268.—A. Grönberg, furnace.
- No. 15277.—M. J. Robertson, cash-carrier.
- No. 15279.—T. Burrell and E. C. Perdriau, boot sole and heel.
- No. 15281.—R. H. Coltman, ejecting silt from tanks, &c.
- No. 15283.—G. S. Heatley, bedstead and mattress.
- No. 15298.—K. Wessel, mattress-filling machine.
- No. 15299.—W. Harvey, milk-strainer.

- No. 15301.—F. Stafford, concrete tank. (J. R. Sigley.)
- No. 15304.—J. M. Armour, collapsible chair, &c.
- No. 15309.—D. T. Sharples, milking-machine.
- No. 15310.—J. P. Campbell, electric arc-lamp. (G. Westinghouse.)
- No. 15311.—R. J. L. Witty, plant and seed setter.
- No. 15313.—W. H. Metcalfe, manure.
- No. 15314.—T. C., T. A., and S. C. Darby, digging or cultivating land, &c.
- No. 15317.—H. Thatcher, attachment for bicycles, &c. (S. H. Manners.)
- No. 15327.—The Foreign McKenna Process Company, reshaping rolled products. (D. H. Lentz.)
- No. 15329.—W. Brady, rock-drill.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 11895.—H. G. Bedell, window-sash.
- No. 11896.—A. Stenhouse and E. A. Whitehead, operating valves.
- No. 11900.—Gesellschaft fur Tropensichere Verpackung mit beschrankter Haftung, preserving food, &c. (W. Lanwer and E. Riiping.)
- No. 11904.—J. Ranald, extracting metals from ores.
- No. 11905.—P. Pfeleiderer, refrigerator. (W. W. Harris.)
- No. 11909.—G. Woolhouse, feed regulator for table used in treatment of auriferous sand.
- No. 11927.—J. B. Beavis, account, sales, and order books.
- No. 11929.—A. S. Allen, tympan of printing machinery.

THROUGH EXPIRY OF TERM.

- No. 5899.—H. Dixon, cigarette-machine.
- No. 5900.—J. G. Nash, driving-gear.
- No. 5919.—Sir F. Knollys and F. F. Begg, phonograph. (The Edison United Phonograph Company—T. A. Edison.)

Design registered.

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

No. 311.—Francis McLaughlin, of 4 Douglas Wallace Street, in the City of Wellington, in the Colony of New Zealand. Class 3. 16th November, 1906.

Design expired.

THE copyright in the following design has expired:—

No. 141.—G. Adcock, of Christchurch, New Zealand. Class 1. (Milk-cooler.)

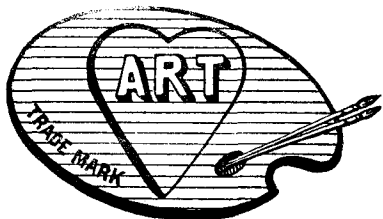
Applications for Registration of Trade Marks.

Patent Office,
Wellington, 28th November, 1906.

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: 5459.
Date: 17th August, 1905.

TRADE MARK.



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

NAMES.

JAMES MONTAGUE SANDY and DONALD CORMACK, trading as "James Sandy and Co.," of 326-8 George Street, Sydney, in the State of New South Wales, Commonwealth of Australia, Merchants.

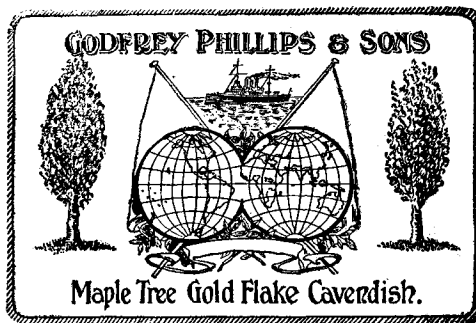
No. of class: 1.

Description of goods: Anti-corrosives, anti-incrustation composition, artists' colours, alum, bronze powder, caustic soda, colours, compound to prevent rusting, compositions for coating submerged structures, enamel for coating metal, gelatine glues, glue, japans, lacquers, lamp-black, ochre, oil varnishes of all kinds, paints, petrifying liquids, pigments, potash, red lead, size along with paints and varnishes, stain-powders, transparent paint, varnishes, vitrified porcelain enamel, water-colours (cold-water paints), white-lead, white zinc, wood-stains.

No. of application: 6028.

Date: 26th June, 1906.

TRADE MARK.



The essential particulars of the trade mark are the following: The combination of devices and the words "Maple Tree"; and the applicants disclaim any right to the exclusive use of the added matter, except their name.

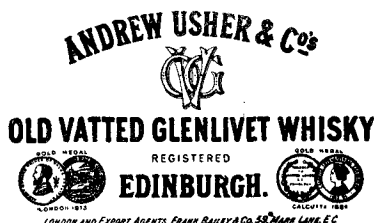
NAME.

GODFREY PHILLIPS AND SONS, of 112 Commercial Street, London, England, Cigar and Tobacco Manufacturers.

No. of class: 45.

Description of goods: Tobacco, cigars, and cigarettes.

TRADE MARK.



The essential particulars of the trade mark are as follows: The distinctive label and the monogram device; and applicants disclaim any right to the exclusive use of the matter common to the trade.

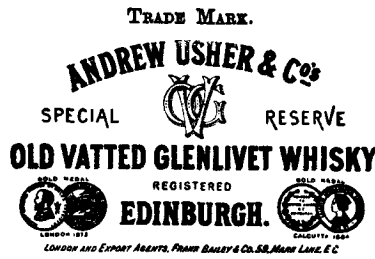
NAME.

ANDREW USHER AND CO., of West Nicolson Street, Edinburgh, in North Britain, Distillers.

No. of class: 43.

Description of goods: Whisky.

No. of application : 6135.
Date : 22nd August, 1906.



The essential particulars of the trade mark are as follows : The distinctive label and the monogram device ; and applicants disclaim any right to the exclusive use of the matter common to the trade.

NAME.

ANDREW USHER AND Co., of West Nicolson Street, Edinburgh, in North Britain, Distillers.

No. of class : 43.
Description of goods : Whisky.

No. of application : 6265.
Date : 4th October, 1906.

TRADE MARK



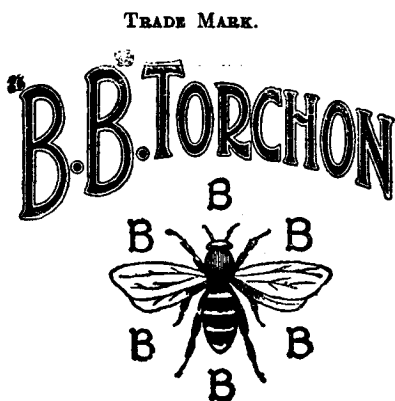
The essential particulars of the trade mark are the distinctive mark or label and the word "Ariston"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

T. I. BIRKIN AND Co., of Nottingham, England, Lace-curtain Manufacturers.

No. of class : 25.
Description of goods : Nottingham cotton lace curtains manufactured by machinery, not in the piece.

No. of application : 6266.
Date : 4th October, 1906.



The essential particular of the trade mark is the distinctive mark or label ; and any right to the exclusive use of the added matter is disclaimed.

NAME.

BIRKIN AND Co., of Broadway, Nottingham, England, Lace-manufacturers.

No. of class : 28.
Description of goods : Linen laces made by machinery in imitation of real hand-made laces.

No. of application : 6275.
Date : 11th October, 1906.



The essential particular of the trade mark is as follows : The distinctive label ; and applicants disclaim any right to the exclusive use of the matter common to the trade.

NAME.

ANDREW USHER AND Co., of West Nicolson Street, Edinburgh, in North Britain, Distillers.

No. of class : 43.
Description of goods : Whisky.

No. of application: 6279.
Date: 12th October, 1906.

TRADE MARK.



The essential particular of this series of two trade marks is the combination of devices; and applicants disclaim any right to the exclusive use of the added matter, except their name and address.

NAME.

F. AND J. KARL, of Paterangi, Waikato, in the Colony of New Zealand, Farmers and Apiarists.

No. of class: 42.
Description of goods: Honey.

No. of application: 6320.
Date: 22nd June, 1906.

TRADE MARK.



NAME.

LEVER BROS., LIMITED, of Balmain, near Sydney, State of New South Wales, Australia, Manufacturers.

No. of class: 47.
Description of goods: Common soap and soap-powders.

No. of application: 6326.
Date: 8th November, 1906.

TRADE MARK.

(The mark as shown in preceding notice No. 6266.)

The essential particular of the trade mark is the distinctive mark or label; and any right to the exclusive use of the added matter is disclaimed.

NAME.

BIRKIN AND Co., of Broadway, Nottingham, England, Lace-manufacturers.

No. of class: 25.
Description of goods: Cotton laces made by machinery in imitation of real hand-made laces.

No. of application: 6327.
Date: 8th November, 1906.

TRADE MARK.

(The mark as shown in preceding notice No. 6266.)

The essential particular of the trade mark is the distinctive mark or label; and any right to the exclusive use of the added matter is disclaimed.

NAME.

BIRKIN AND Co., of Broadway, Nottingham, England, Lace-manufacturers.

No. of class: 32.
Description of goods: Silk laces made by machinery in imitation of real hand-made laces.

No. of application: 6330.
Date: 7th November, 1906.

TRADE MARK.



The essential particulars of this trade mark are the word "Maypole" and the combination of devices, including the representation of a maypole dance; and any right to the exclusive use of the added matter is disclaimed.

NAME.

ERNEST ALFRED GOODWIN, of Mary Street, Mount Eden, near the City of Auckland, in the Colony of New Zealand, Produce-dealer.

No. of class: 42.
Description of goods: Butter.

No. of application : 6339.
Date : 15th November, 1906.

TRADE MARK.
The word
"PROPONAL."

NAME.
The person or persons trading under the firm, name, or style of "E. MERCK," of Frankfurterstrasse, 250 Darmstadt, Germany, Chemical-manufacturer.

No. of class : 3.
Description of goods : Chemical substances prepared for use in medicine and pharmacy.

No. of application : 6340.
Date : 15th November, 1906.

TRADE MARK.
The word
"VERONAL."

NAME.
The person or persons trading under the firm, name, or style of "E. MERCK," of Frankfurterstrasse, 250 Darmstadt, Germany, Chemical-manufacturer.

No. of class : 3.
Description of goods : Chemical substances prepared for use in medicine and pharmacy.

No. of application : 6349.
Date : 17th November, 1906.



The essential particulars of this trade mark are the devices and the words "Golden Cross"; and applicants disclaim any right to the exclusive use of the added matter, except their name.

NAME.
KEROHAN AND Co., of Wanganui, in the Colony of New Zealand.

No. of class : 42.
Description of goods : Tea.

No. of application : 6345.
Date : 19th November, 1906.

TRADE MARK.
The word
"SUNBRITE."

NAME.
ROBERT HENRY FROUDE, of Auckland, in the Colony of New Zealand, Signwriter.

No. of class : 14.
Description of goods : Brilliant letters in signwriting.

No. of application : 6347.
Date : 21st November, 1906.



He won't be Happy till he gets it!

The essential particulars of the trade mark are as follow : The device and the words "He won't be happy till he gets it"; and applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their own name.

NAME.
A. AND F. PEARS, LIMITED, of 71-75 New Oxford Street, W.C., London, England, Soap-makers and Perfumers.

No. of class : 48.
Description of goods : Perfumery, including toilet articles, preparations for the teeth and hair, and perfumed soap.

No. of application : 6348.
Date : 21st November, 1906.

TRADE MARK.
The word
"JODELITE."

NAME.
JOSEPH DEE AND SONS, of 5 Cross Street, Manchester, England, Manufacturers.

No. of class : 1.
Description of goods : A chemical preparation for the preservation of timber.

No. of application : 6353.
Date : 22nd November, 1906.

TRADE MARK.
The word
"BOSKA."

NAME.

JOSEPH CLAPHAM, CHARLES A. GAITT, and CHARLES FRASER MUNRO, trading as "Boska Co.," of Wellington, in the Colony of New Zealand, Manufacturers.

No. of class: 50 (10).

Description of goods: Fly-catchers.

No. of application: 6355.

Date: 23rd November, 1906.

TRADE MARK.

The word

"OROS."

NAME.

C. M. BROOKE AND SONS, of Christchurch, in the Colony of New Zealand, Chemists.

No. of class: 42.

Description of goods: Orange-squash.

No. of application: 6356.

Date: 23rd November, 1906.

TRADE MARK.

The word

"LE MOS."

NAME.

C. M. BROOKE AND SONS, of Ferry Road, Christchurch, in the Colony of New Zealand, Chemists.

No. of class: 42.

Description of goods: Lemon-squash.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

- LIST of Trade Marks registered from the 15th to the 28th November, 1906, inclusive:—
- No. 4809; 5522.—R. H. Swales. Class 38. (*Gazette* No. 86, of the 21st September, 1905.)
 - No. 4810; 6071.—Neill and Co., Limited. Class 43. (*Gazette* No. 64, of the 26th July, 1906.)
 - No. 4811; 6110.—W. A. Tribe and Co. Class 38. (*Gazette* No. 74, of the 23rd August, 1906.)
 - No. 4812; 6047.—Farra Bros. Class 18. (*Gazette* No. 77, of the 6th September, 1906.)
 - No. 4813; 6132.—African Cigarette Company, Limited. Class 45. (*Gazette* No. 77, of the 6th September, 1906.)
 - No. 4814; 6139.—C. Begg and Co., Limited. Class 9. (*Gazette* No. 77, of the 6th September, 1906.)
 - No. 4815; 6152.—T. A. Underwood. Class 50. (*Gazette* No. 77, of the 6th September, 1906.)
 - No. 4816; 6104.—H. M. Keesing. Class 13. (*Gazette* No. 74, of the 23rd August, 1906.)
 - No. 4817; 6133.—Marshall and Sons. Class 42. (*Gazette* No. 77, of the 6th September, 1906.)
 - No. 4818; 5877.—Lever Bros., Limited. Class 47. (*Gazette* No. 74, of the 23rd August, 1906.)

- No. 4819; 5878.—Lever Bros., Limited. Class 48. (*Gazette* No. 74, of the 23rd August, 1906.)
- No. 4820; 5891.—C. H. Furness. Class 42. (*Gazette* No. 46, of the 14th June, 1906.)
- No. 4821; 6145.—Block Light Company. Class 13. (*Gazette* No. 77, of the 6th September, 1906.)
- No. 4822; 5743.—Carreras, Limited. Class 45. (*Gazette* No. 10, of the 8th February, 1906.)
- No. 4823; 5744.—Carreras, Limited. Class 45. (*Gazette* No. 10, of the 8th February, 1906.)
- No. 4824; 5745.—Carreras, Limited. Class 45. (*Gazette* No. 10, of the 8th February, 1906.)
- No. 4825; 6109.—J. A. Bock. Class 2. (*Gazette* No. 74, of the 23rd August, 1906.)
- No. 4826; 6121.—G. Bonnington. Class 47. (*Gazette* No. 74, of the 23rd August, 1906.)
- No. 4827; 6072.—Galena-Signal Oil Company. Class 47. (*Gazette* No. 74, of the 23rd August, 1906.)

Trade Mark Renewal Fee paid.

FREE paid for the renewal of the undermentioned Trade Mark for fourteen years from the dates first noted:—

- No. 654/521.—24th November, 1906.—The Taratahi Dairy Company, Limited, of Carterton, N.Z. 17th November, 1906.

Subsequent Proprietors of Trade Marks registered.

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

NO. 88/3588.—The Hawke's Bay Dairy Company, Limited, a company incorporated under "The Companies Act, 1903," as a private company, and having its registered office situate at Woodville, Hawke's Bay, New Zealand. [J. C. George.] 26th November, 1906.

No. 987/761.—Frederick John Cooper, of Victoria Street West, Auckland, in the Colony of New Zealand, Chemist. [The Neurol Drug Company.] 16th November, 1906.

No. 4419/3507.—Charles Clark, trading as "Chas. Clark and Co.," of 20 Great St. Helens, London, E.C., England, merchants, and Francis Henry Leonard, of Auckland, New Zealand, manufacturers' agent. [F. H. Leonard.] 16th November, 1902.

No. 5657/4435.—John McCale, of 27 Nelson Street, Wellington, in the Colony of New Zealand. [J. McCale and H. S. Woolcott.] 20th November, 1906.

Trade Marks removed from the Register.

TRADE Marks removed from the Register, owing to the non-payment of the renewal fees, from the 15th to the 28th November, 1906, inclusive:—

No. 540/469.—19th August, 1892.—F. Levic, of Sydney, N.S.W. Class 45.

No. 543/433.—17th August, 1892.—Fulton, Stanley, and Co., of Dunedin, N.Z. Class 2.

No. 547/626.—23rd August, 1892.—C. Dahl, of Palmerston North, N.Z. Class 50.

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.

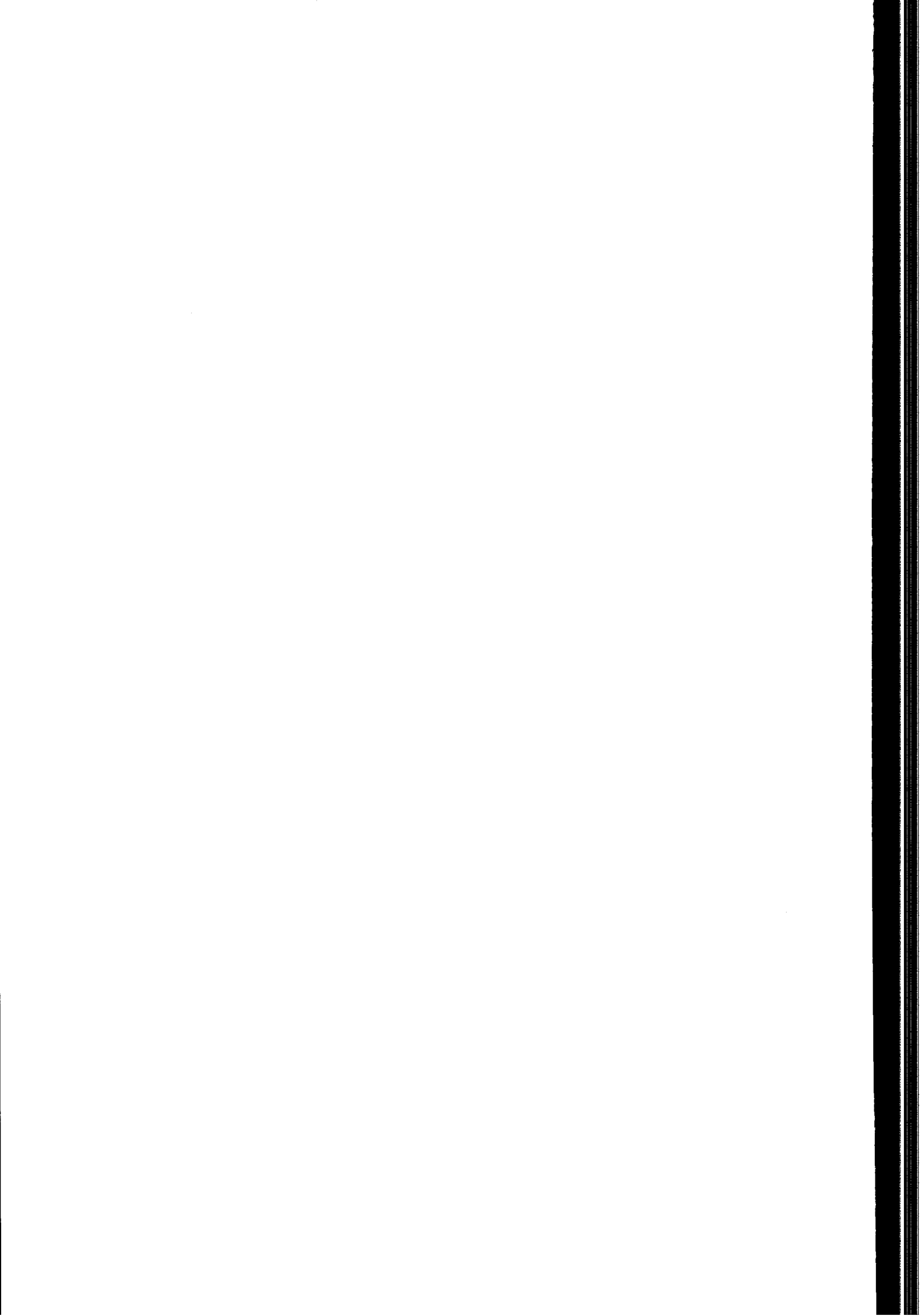
All advertisements should be written on one side of the paper, and signatures, &c., should be written in a legible hand.

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.

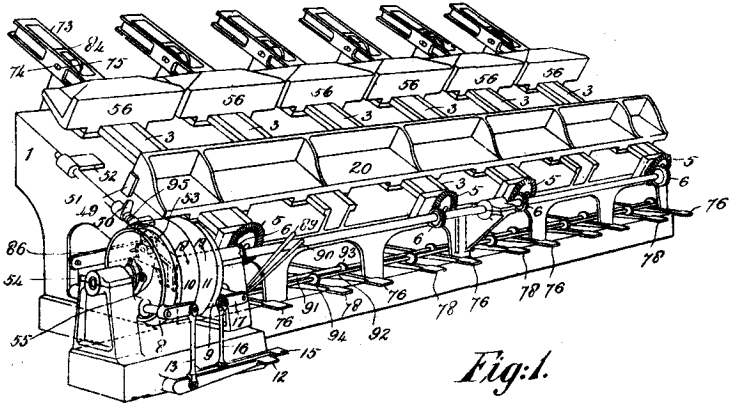


ILLUSTRATIONS OF INVENTIONS.

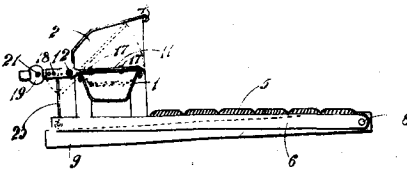
[These illustrations refer to the complete specification accepted, and advertised in this Gazette.]



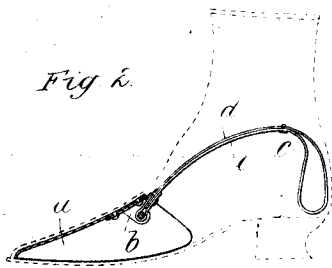
20333
McIntyre. Drill. (Smith.)



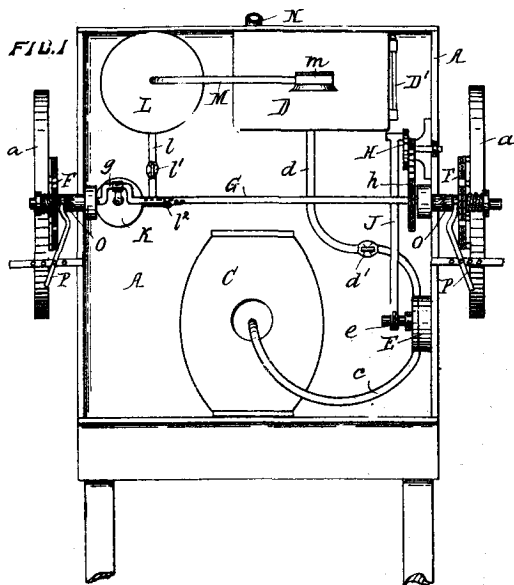
20358
Mellor. Compound Die-forming Machine.



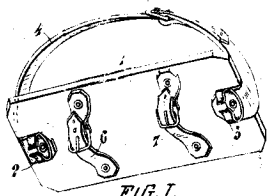
20428
Cocks and Andrews. Poultry-feeder.



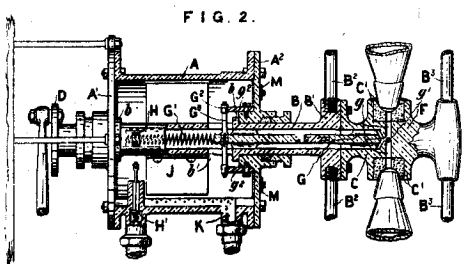
20591
Hughes. Boot-tree. (Industrial Patent, Limited.—French.)



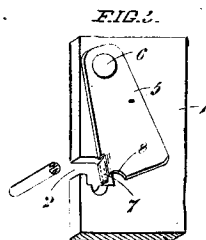
20600
Osborne. Sprayer.



20649
Noedl. Bicycle-pedal.

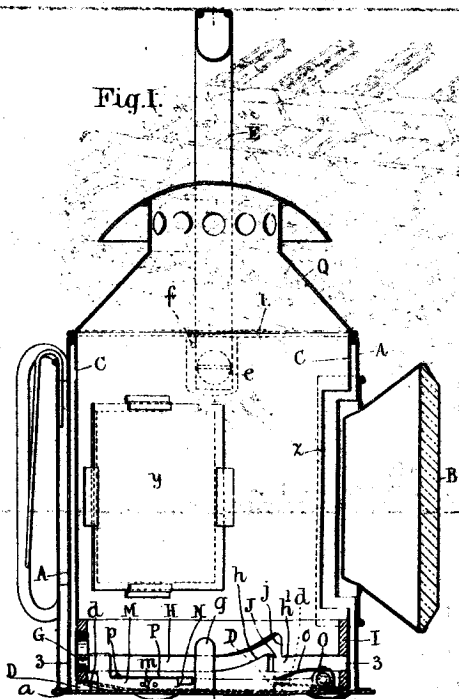


20719
Billows. Producing Aerated Drinks.

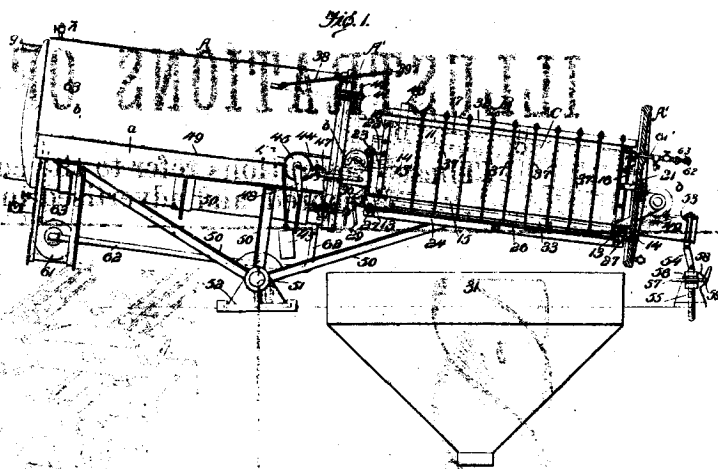


20767
Smith. Fencing-standard.

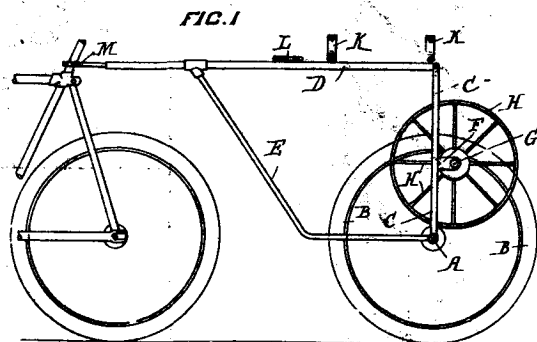
21960
Sloane. Advertising device



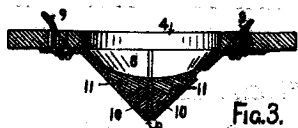
21960
Tomlinson. Signal-lantern.



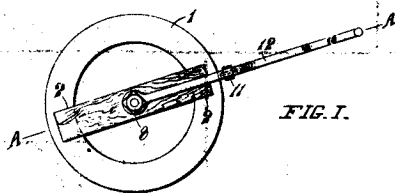
21986
Kelly. Slimes Filter.



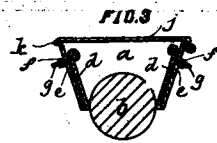
21974
Burke. Cycle Reel-attachment.



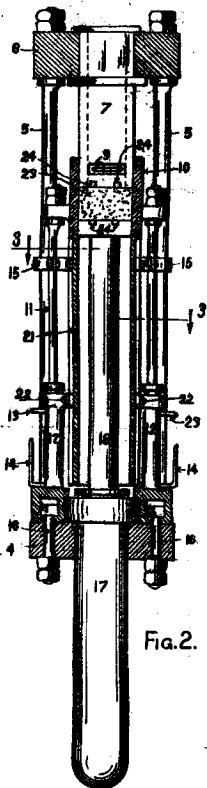
21964
Kirkby. Temperature-alarm.



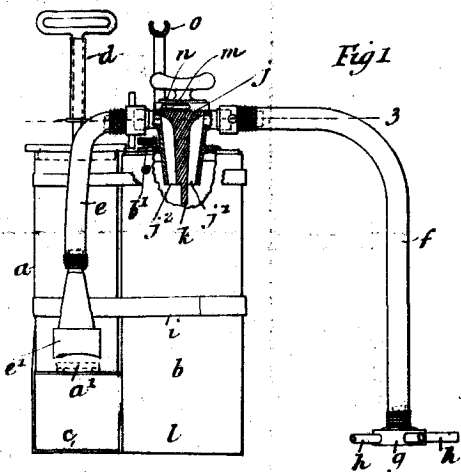
21968
Bond. Roller.



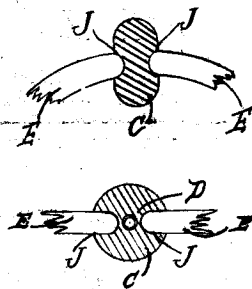
21971
Cattlin. Rolling-pin.



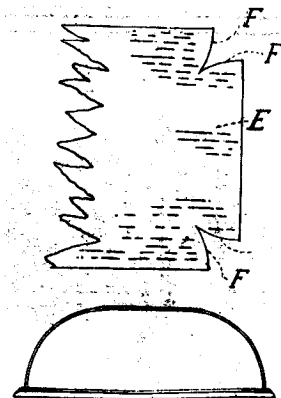
21983
Mapp. Hydraulic-press.



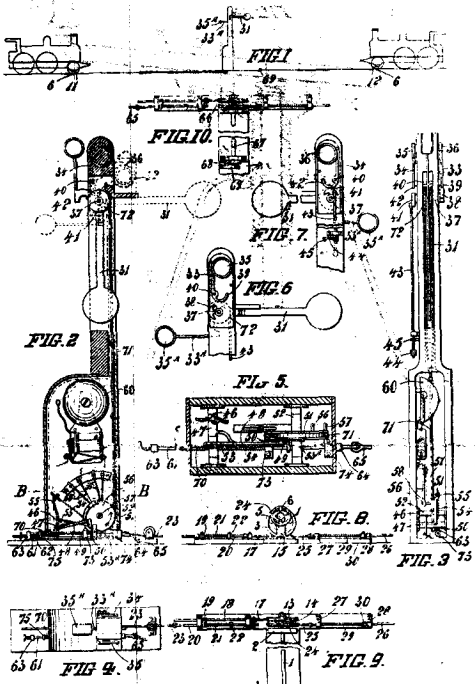
21982
Greer. Rabbit-fumigator.



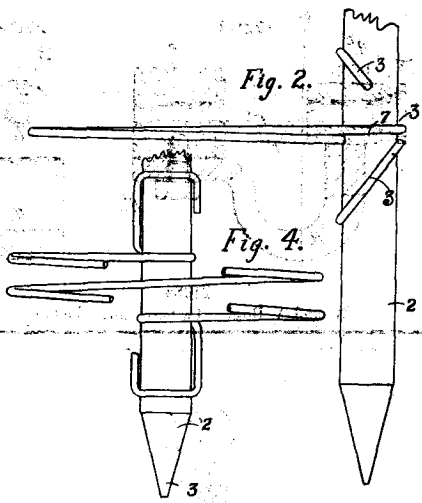
21959
Hickman and Whitelaw. Show-case.



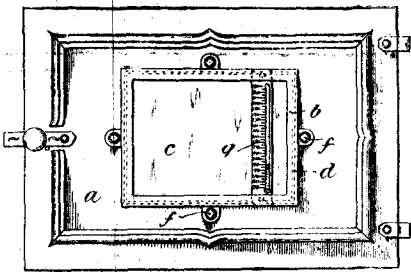
21957
Hickman and Whitelaw. Show-case.



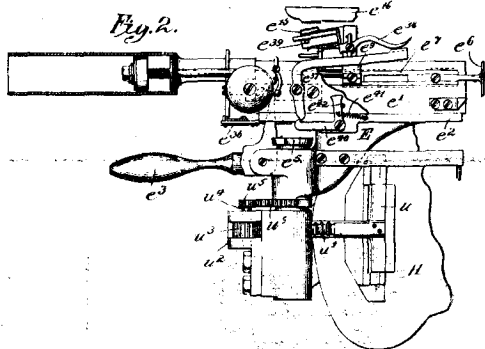
20206
Pritchard. Railway-signal.



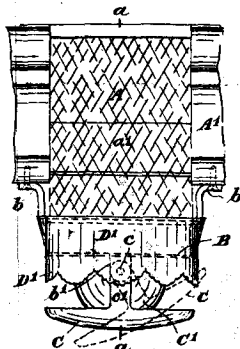
20582
Fabian. Plant-support.



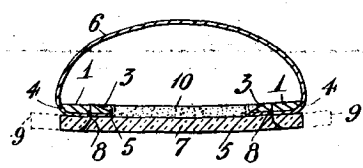
20822
McGuire. Cooking-oven.



20855
Thomas. Linotype. (Scharf.)



20952
Alcock and Co. Proprietary, Limited. Billiard-table. (Alcock.)



21113
Walker. Boot-machine.

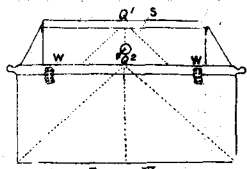
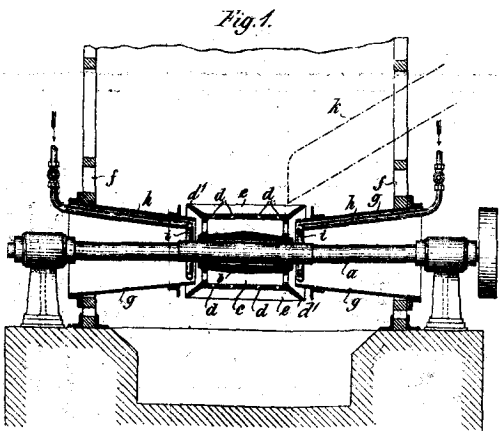
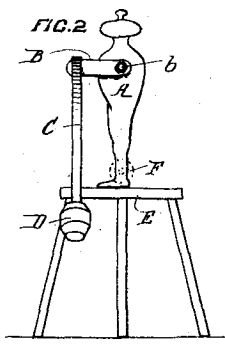


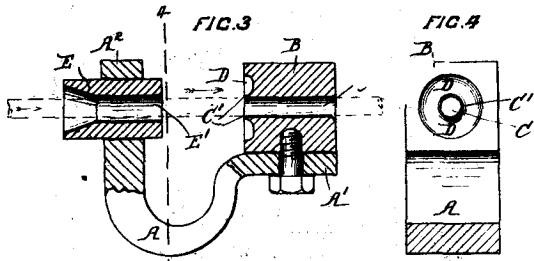
FIGURE VI
21120
Morris. Box.



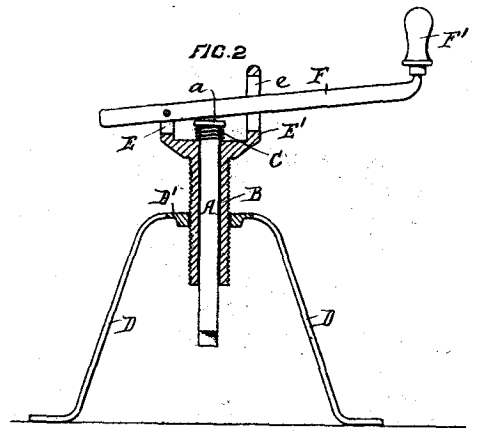
20956
Colloseus. Cement Apparatus.



21170
Brown. Toy.



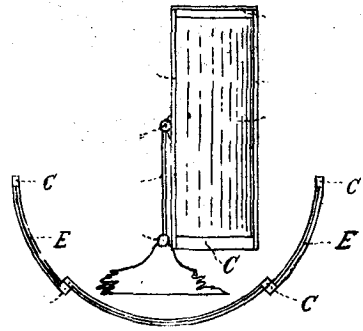
21984
W. and A. Ross. Twine-reeling Machine.



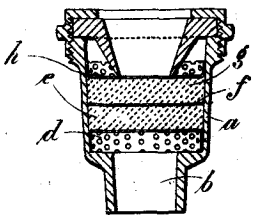
21925
Thorby. Screwdriver.



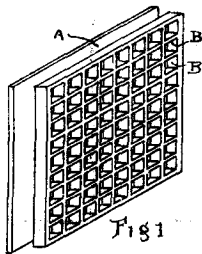
21848
Williams, Broad, and Crolly. Brush.



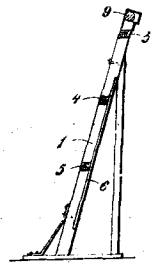
21958
Hickman and Whitelaw. Wind-shield.



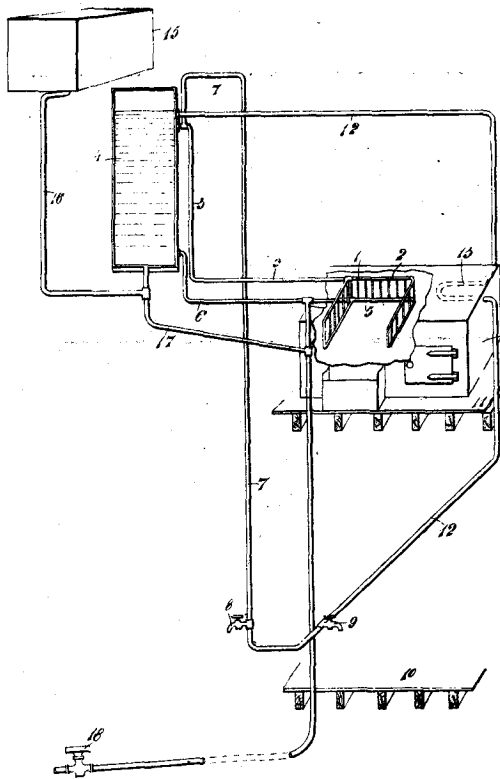
21860
Nightingall. Tap-filter.



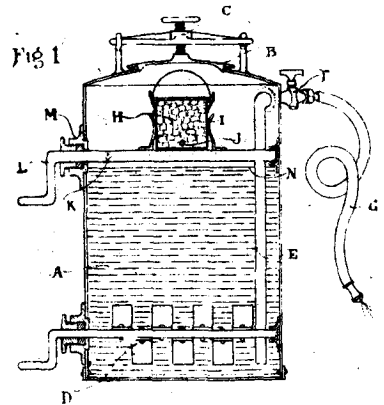
21950
Tyree. Building-block.



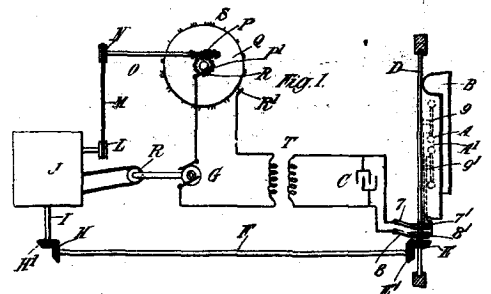
21963
Curtis. Hurdle.



21867
Crawford and Tattersall. Hot-water System.



21935
Tyree. Sprayer.



21966
De Forest Wireless Telegraph Syndicate, Limited. Electric Signal.
(L. de Forest.)