

SUPPLEMENT

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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. 16873. — 27th August, 1903. — WILLIAM ERNEST HUGHES, of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of William Thomas Nuttall, of Wanganui, New Zealand, Engineer). Improved means for attaching draw-off taps to kerosene-tins and the like.*

Claim.—In means for securing taps to kerosene-tins and the like, a flange upon the tap-barrel and an extension beyond the flange, cutters upon the extremity of the extension adapted to cut a hole in the tin of the same diameter as the extension, and a screw-thread upon the outer periphery of the extension, extending from the flange, the smaller diameter of such thread being equal to the outer diameter of the extension, substantially as specified.
(Specification, 2s. 3d.; drawing, 1s.)

Patent Agents registered.

Patent Office,
Wellington, 3rd August, 1904.

IT is hereby notified that
 FREDERICK GEORGE BOLTON,
 of Featherston Street, Wellington, New Zealand, Barrister
 and Solicitor, and
 WILLIAM JOHN ORGAN,
 of Featherston Street, Wellington, New Zealand, Solicitor,
 have been registered as Patent Agents.
 F. WALDEGRAVE,
 Registrar.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 3rd August, 1904.

COMPLETE specifications relating to the under-mentioned 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

No. 16989. — 17th September, 1903. — WALTER EDWIN HUGHES, of Hawera, New Zealand, Engineer. An improved hose-coupling.*

Claims.—(1.) In hose-couplings, a socket-piece formed with an annular recess on its end and provided with spring catches projecting inwards into such recess, in combination with a plug-piece adapted to enter the socket-piece, and provided with a flange upon its periphery adapted to fit within the recess and with which the spring catches engage when the flange is pressed into the socket, so as to lock the same therein, substantially as specified. (2.) The general arrangement, construction, and combination of parts in my improved hose-coupling, as described and explained, as illustrated in the drawings, and for the several purposes set forth.
(Specification, 2s. 9d.; drawing, 1s.)

No. 16996. — 18th September, 1903. — CHARLES EDWARD LOWE, of Motueka, New Zealand, Manager. Improved means for sulphurising fruit.*

Claims.—(1.) In means for sulphurising fruit, a chamber adapted to hold the fruit, a stirring-frame mounted within such chamber, means for imparting rotary movement to

such frame, and means for introducing sulphur-fumes to the chamber at points at intervals throughout its length, substantially as specified. (2.) In means for sulphurising fruit, a chamber adapted to hold the fruit, a pipe adapted to convey sulphur-fumes leading from a source of supply, a number of branch-pipes, each controlled by a valve, connected with such pipes and entering the bottom of the chamber at points at intervals throughout its length, a stirring-frame mounted within the chamber, and means whereby such frame may be caused to revolve, substantially as specified. (3.) In means for sulphurising fruit, a chamber adapted to hold the fruit, a stirring-frame mounted within such chamber and consisting of a central shaft, radial arms secured upon such shaft, and bars extending longitudinally in the chamber arranged at an angle to the sides thereof and secured to the ends of the arms, means whereby such frame may be caused to revolve, and means for introducing sulphur-fumes to the chamber at points at intervals throughout its length, substantially as set forth. (4.) The general arrangement, construction, and combination of parts in my improved means for use in sulphurising and preserving fruit, as described and explained, as illustrated in the drawings, and for the purposes set forth.

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

No. 17017.—19th September, 1903.—JOHN GEORGE LEWIS HEWITT, of Dunedin, New Zealand, Solicitor (nominee of Alexander Wilson, of Kaikorai, Dunedin aforesaid, Builder). Improved weather filling for corrugated-iron roofs near the eaves.*

Claim.—Improved weather filling comprising a strip of metal secured by its lower end to the fascia, and bent to take under between the corrugated-iron roof and the purlins, and having a strip of metal corrugated to fit the corrugated-iron roof, substantially as and for the purposes set forth.

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

No. 17031.—29th September, 1903.—FREDERICK WILLIAM SMITH, of Dannevirke, Hawke's Bay, New Zealand, Plumber. An improved acetylene-gas generator.*

Extract from Specification.—This invention relates to means for the generation of acetylene gas. The means devised consist of a circular water-tank that is divided midway in its height by means of a divisional plate. Communication is made between the two divisions by means of a pipe passing down from the bottom of the top division to near the bottom of the lower one. Fixed centrally within the tank is a cylindrical generating-chamber that extends upwards to above the level of the tank, its top end being provided with a screw cap or seal. A divisional plate near the lower end divides the chamber into two of unequal size, the top or larger one being in communication with the lower by means of a pipe the ends of which enter into the two chambers and which passes outside the tank, where it is provided with a cock for opening and closing it. This pipe is also provided with a branch opening outside the water-tank, which has a cock. When the first cock is open and the latter closed clear communication will be established between the two chambers, but when the first is closed and the second open there will be communication between the top chamber and the outer side of the tank. The sides of the bottom chamber are perforated so that water may enter it from the tank and pass upwards through the pipe connection to the top chamber. The top chamber is provided with a central pipe rod running throughout its length, and this rod serves as a guide to a larger pipe which forms the centre of a cylindrical carbide-holder which fits within the top chamber and extends to within a short distance of the bottom thereof. A tube, or channel, the bottom end of which emerges through the bottom of the holder, extends upwards through the holder and near the periphery of the same. This tube is provided with perforations in it so that water passing upwards through it may enter the holder. A purifier of ordinary form is placed in the top division of the water-tank on one side of the generating-chamber, and this purifier is in communication with the generating-chamber by means of a pipe leading from the top of the chamber to the bottom of the purifier. From the top of the purifier a pipe connection leads to a main pipe which enters a gas-holder of the ordinary form, and this pipe connection is provided with a governor valve for regulating the amount of gas passing from the purifier to the holder. From the top of the bottom division of the water-tank another pipe connects to the main pipe leading to the gas-holder, and the main pipe is provided with a branch which leads downwards to the bottom of the tank so as to convey any water of condensation in the pipes back into the tank,

The [main pipe is also provided with a check-valve, which will only allow of the gas passing through it into the holder and will prevent the gas passing back again.

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

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

No. 17093.—9th October, 1903.—EDMUND EDWARDS, of 9, Peterborough Street, Christchurch, New Zealand, Saddler. Improvements in or relating to harness-saddles.*

[NOTE.—The title in this case has been altered. (See list of provisional specifications, *Gazette* No. 87, of the 12th November, 1903.)]

Claim.—In harness-saddles, the employment of strips of leather or other suitable substance placed underneath a longitudinally placed metal strip, or a leather strip, holes in the strip to receive terret-stems, and deep sockets that are introduced from below the saddle, into which the terret-stems are screwed, as specified and shown.

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

No. 17232.—12th November, 1903.—WILLIAM FERRIER, of Timaru, New Zealand, Photographer. An improved candlestick.*

Claim.—The improved candlestick, comprising, in combination with a tray as *a*, thin plates which are placed edge-wise to the tray and crosswise of each other, a spike projecting upwardly from the plates, whereon a candle-end will be impaled, when it is placed upon the plate-edges, and upwardly projecting arms from the said plates that embrace the lower part of the candle, substantially as specified.

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

No. 17263.—18th November, 1903.—HENRY STEPHEN WOOLCOTT, of Central Fire Station, Jervois Quay, Wellington, New Zealand, Fire Brigade Man, combined high- and low-pressure tap.*

Claims.—(1.) A combined high- and low-pressure tap consisting of the parts arranged, combined, and operating substantially as and for the purposes specified, and as illustrated in the drawing. (2.) For the purpose indicated, a spring arranged beneath the valve of a tap, and normally tending to receive said valve from its seat, substantially as and for the purposes described, and as illustrated in the drawing.

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

No. 17634.—8th March, 1904.—ARTHUR CECIL WOLFF, Railway Porter, and ALEXANDER MUTCH, Plumber, &c., both of Carterton, New Zealand. Improved washing-boiler.*

[NOTE.—The title in this case has been altered. (See list of provisional specifications, *Gazette* No. 25, of the 18th March, 1904.)]

Claims.—A washing-boiler comprising an outer casing, a conical firebox fixed therein, a boiler fitting the upper end of said firebox, an opening for the escape of flame and gases from the firebox, and a funnel upon the casing over an opening therein, substantially as specified and illustrated. (2.) In a washing-boiler, an outer casing, a conical firebox fixed therein, a boiler fitting the upper end of said firebox, an opening for the passage of flame and gases from the firebox, and an annular space between the firebox and the casing containing ashes.

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

No. 17911.—14th May, 1904.—WILLIAM EDWARD SPENCER, Inspector of Schools, and JAMES SANDERSON, Architect, both of New Plymouth, New Zealand. A technical drawing-table and easel.

Claims.—(1.) The movable bars *D*, working on the centre-pivot *C*, enabling a drawing-board placed on the top of the apparatus to be fixed at any angle to the draughtsman, and there fixed as a drawing-table. (2.) The sliding frame *E* enabling—in conjunction with 1—the apparatus to be used as an easel sloping to the user at any angle and enabling a drawing-board or blackboard to be raised or lowered to any height and there fixed by the pinching-screws *G*.

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

No. 17951.—25th May, 1904.—ELECTRIC AND TRAIN LIGHTING SYNDICATE, LIMITED, of 112, St. James Street, Montreal, Quebec, Canada (assignees of Isidor Deutsch, of 66, University Street, Montreal aforesaid, Electrical Engineer). Dynamos,

Extract from Specification.—Our invention relates to improvements in dynamos, and the object of the invention is to devise a dynamo the parts of which shall be readily accessible and simple and cheap to manufacture, and whereby a reverse of direction is provided for, and it consists essentially of a frame having bearings at each end thereof split in a vertical plane to the axis, and casings formed in the inner members of the bearings below the journal-orifices and having elongated slots in the upper sides, a bushing and an oil-ring, an armature-shaft, a projecting plate from said frame extending beyond the bearing at the commutator end and having an arc-shaped slot, a switch-lever having parts extending through said slot, a pivoted spring-held arm swinging between said parts, and means from said armature-shaft for operating said pivoted arm, the various parts being constructed and arranged in detail as more particularly described.

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

(Specification, 15s.; drawings, 2s.)

No. 17952.—25th May, 1904.—ELECTRIC AND TRAIN LIGHTING SYNDICATE, LIMITED, of 112, St. James Street, Montreal, Quebec, Canada (assignees of Isidor Deutsch, of 66, University Street, Montreal aforesaid, Electrical Engineer). Brush-holders for electric machines.

Extract from Specification.—Our invention relates to improvements in brush-holders for electric machines, and the object of the invention is to devise a holder which will not allow the brush to stick in the holder, and whereby the brushes will be in a proper commutating position no matter how much they may wear, and it consists essentially of brush-holding arms moving parallel to the commutating plane, and bearings therefor disposed substantially at right angles to the axis of the commutator, the various parts being constructed in detail as more particularly described.

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

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

No. 17953.—25th May, 1904.—ELECTRIC AND TRAIN LIGHTING SYNDICATE, LIMITED, of 112, St. James Street, Montreal, Quebec, Canada (assignees of Isidor Deutsch, of 66, University Street, Montreal aforesaid, Electrical Engineer). Means for controlling the voltage from an electric generator.

Extract from Specification.—Our invention relates to improvements in means for controlling the voltage from an electric generator, particularly those generators subject to sudden variations in speed, and the object of the invention is to cheapen the construction of such devices, and to provide a noiseless mechanism which shall be positive as a regulator in its operations at a minimum expenditure of electric energy, and it consists essentially of a dynamo, a rheostat in the shunt-field circuit of said dynamo, a cylinder and piston operating therein, having a rod preferably provided with annular grooves, a connecting-arm from said piston-rod to the contacts having connection with said rheostat, a solenoid, and suitable admission and exhaust valves and arms for the cylinder, the various parts being constructed and arranged in detail as particularly described.

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

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

No. 17964.—25th May, 1904.—ALFRED DIVINE, of Devon Street, New Plymouth, New Zealand, Advertising Agent. Advertising exhibitor and newspaper-file.

Claim.—As an advertising exhibitor and newspaper-file, comprising two brass tubes with finials, made of any other metal, &c., fixed to the wall or woodwork erect, having brass pliable wires, &c., secured to them for exhibiting printing and other papers, as described thereon.

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

No. 18084.—22nd June, 1904.—JABEZ ADAMS, of "Glenmire," Thomson Street, Hamilton, Dundas. Victoria, Australia, Constable. Improved nut-wrench.

Extract from Specification.—My invention includes a nut ring or band. This at the top and bottom has collars. Between the said collars are ratchet-teeth. Through the nut-ring is a concentric hole. The internal conformation of this hole is of the same external conformation, whether square or hexagon, as the nut, and it is of such a size that

the ring fits comfortably over the said nut. In thickness each front end C of the handle where it engages with the nut-ring is less than the distance between the collars A. The said front end is of circular conformation, so that it agrees with the circumference of the ratchet-toothed portion of the nut ring or band. The body or middle F of the handle is provided with lightening spaces O. Each nut-ring is retained against each front end C of the handle by a metallic strap D. This strap, which is U-shaped in plan, fits between the collars A of the nut-rings, and its legs E are secured or united to the body or middle F of the handle by rivets G or other means. Between one of the legs E of the strap D and the front end C of the handle and in the said handle is a rectangular-shaped recess. Into this recess is placed a plate ratchet Q. The front end of the ratchet Q by the spring H is forced against the teeth B and the rear end presses against the step formed in the handle by the back end of the said recess. If a double-ended spanner is used, as shown in the illustrations, instead of there being a strap at each end of the said spanner there may be one continuous strap, the meeting ends of which can lap or butt and be secured to the handle as desired.

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

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

No. 18101.—30th June, 1904.—WILLIAM GEORGE GRAVE, of Thames Street, Oamaru, Otago, New Zealand, Sailmaker. Improved means for securing covers upon animals.

Claims.—(1.) Improved means for securing covers upon animals, consisting of the two girths connected, arranged, and operating, substantially as specified and illustrated. (2.) For the purpose indicated, a girth having a buckle at one end designed to be secured to a strap upon one side of the cover extending beneath the animal and threaded through the cover upon the opposite side; then continued diagonally across beneath the animal, and having a buckle connected to a second strap upon the same side as the first; a second girth connected at one end of the first girth at the point of attachment of the first buckle carried diagonally across beneath the animal and threaded through the cover, and then carried across the animal and secured to the other end of the first girth on the point of connection with the second buckle, substantially as specified, and illustrated in the drawing.

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

No. 18102.—30th June, 1904.—ALFRED ERNEST BRADLEY and HAROLD GLADSTONE BRADLEY, both of 299, Colombo Street, Christchurch, Canterbury, New Zealand, Plumbers. Improvements in and relating to apparatus for pumping water.

Claims.—(1.) Apparatus for the purpose indicated, comprising in combination a motor, a pump driven therefrom, and means for conveying water from said pump through a jacket surrounding the cylinder of the motor for the purpose of cooling said cylinder, substantially as specified. (2.) Means for cutting off supply of gas to a motor when a tank has been supplied with water, comprising in combination a pivoted ball float within said tank, a plate electrically connected through a battery with an electro-magnet and a terminal engageable by said plate connected by a wire with a tap upon the gas-supply pipe, a lever operating said tap, a balance-weight thereon, and a hooked end of said lever engaging with a projection from an armature in connection with said electro-magnet, substantially as specified. (3.) For the purpose indicated, the parts arranged, combined, and operating substantially as and for the purposes specified, and as illustrated in the drawing.

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

No. 18108.—28th June, 1904.—PHILIP JOHN DE LA HAYE, of "Denmark House," Hine Street, New Plymouth, Taranaki, New Zealand, Joiner, now in business at Electroplating. Improvement in bicycle-stands.

Claims.—(1.) In a bicycle-stand, two pieces of wood or other suitable material shaped as shown, pivoted together, and secured in any desired position by means of a chain. (2.) In a bicycle-stand, two clips bolted to the top end of long arm of stand and to fold back when not in use. (3.) In a bicycle-stand, the combination of two arms pivoted together with two clips at upper end of long arm and a chain at the feet to keep the stand in desired position, substantially as shown and described.

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

No. 18112.—30th June, 1904.—ANTOINE HENRI IMBERT, of 75, Avenue de la Republique, Grand-Montrouge, Department of the Seine, France, Engineer. Process for extracting from their sulphides, zinc and lead, and generally all metals whose affinity for sulphur is inferior to that of copper.

Claims.—(1.) The process for extracting from its sulphide a metal having less affinity for sulphur than is possessed by copper, consisting in mixing the sulphide of such metal with the amount of copper necessary to combine with the whole of the sulphur, and in heating this mixture to a temperature suitable for the reaction for forming copper-sulphide and completely liberating the metal from the first sulphide, substantially as described. (2.) The process for extracting from its sulphide a metal having less affinity for sulphur than is possessed by copper, consisting in mixing the sulphide of such metal with the amount of copper necessary to combine with the whole of the sulphur; in heating this mixture to a temperature suitable for the reaction for forming copper-sulphide and liberating the other metal; in collecting this metal and the copper-sulphide separately; and in recovering the copper from the sulphide thus obtained in order to use this copper over again, substantially as described. (3.) The process for extracting from its sulphide ore a metal having less affinity for sulphur than is possessed by copper, consisting in mixing the sulphide ore of such metal with the necessary fluxes for scorifying the gangue of such ore and with the requisite amount of copper for combining the whole of the sulphur; in heating this mixture to the temperature suitable for the reaction for forming copper-sulphide and liberating the other metal; in removing the scoriae and collecting the said metal and the copper-sulphide separately; and in recovering the copper from the sulphide thus obtained in order to use the copper over again, substantially as described. (4.) The process for extracting from a sulphide ore the contained metals having less affinity for sulphur than is possessed by copper, consisting in mixing the ore with the fluxes necessary for scorifying the gangue, and with the amount of copper requisite for combining the whole of the sulphur; in heating this mixture progressively to the temperature suitable for the reaction forming copper-sulphide and liberating the other metals; in collecting these volatilised or molten metals; in separating the scoriae and the copper-sulphide; and in recovering the copper from the sulphide thus obtained in order that the copper may be used over again, substantially as described. (5.) The process for extracting zinc from blende, consisting in mixing the blende with the necessary fluxes and copper; in progressively heating the mixture to the vapourisation-temperature of zinc; in condensing the vapourised zinc; in separating the resulting copper-sulphide and the scoriae; and in recovering the copper from the sulphide in order that it may be used over again, substantially as described. (6.) The process for extracting lead from galena, consisting in mixing the galena with the necessary fluxes and copper; in heating this mixture to about 800°; in drawing off the metallic lead thus obtained; in separating the resulting copper-sulphide and scoriae; and in recovering the copper from the sulphide in order that it may be used over again, substantially as described. (7.) The process of extracting zinc and lead from a complex ore containing blende and galena, consisting in adding to the ore the necessary copper and fluxes; in heating the mixture to the vapourisation-temperature of zinc, but maintaining the lead at a temperature below the vapourising-point of this latter metal; in condensing the vapourised zinc and drawing off the molten lead; in separating the resulting scoriae and copper-sulphide; and in recovering the copper from the sulphide in order that it may be used over again, substantially as described.

(Specification, 8s.)

No. 18114.—4th July, 1904.—MARTIN WILLIAM HAENKE, of Greenham Chambers, Nicholas Street, Ipswich, Queensland, Australia, Architect. An apparatus for lighting and extinguishing gaslights controlled by the gas-pressure.

Claims.—(1.) In an apparatus for lighting and extinguishing gaslights controlled by the gas-pressure, a metal casing consisting of an upper and lower chamber in each of which are internal walls providing a seal for confining the gas, in combination with a supply-pipe secured to the outside and a discharge-pipe screwed into the top of the upper chamber, as described and illustrated by drawings. (2.) In an apparatus for lighting and extinguishing gaslights controlled by the gas-pressure, a bell-shaped vessel enclosed within the lower chamber in combination with a vertical spindle fitted with a collar adapted to engage with the foot-piece of a suspended spindle affixed to a bell having a cup-shaped head enclosed within the upper chamber; and a vertical spindle provided with a spring and pivoted arm adapted to engage with a ratchet-disc fixed upon a revolving spindle supported

by set-screw centres to the metal casing, as described and illustrated by drawings. (3.) The general arrangement and combination of parts as described and illustrated by drawings as and for the purpose set forth.

(Specification, 4s. 3d.; drawing, 1s.)

No. 18115.—4th July, 1904.—JAMES PETRIE, of Timaru, New Zealand, Carpenter. Improved means for locking window-sashes.

Claims.—(1.) A lock for window-sashes, consisting of a metal plate formed with a hole near its bottom end, a recess formed in the face of the pulley-stile over which the plate is secured, a spring tongue fitting within the recess and the top end of which is secured against the back face of the metal plate, and a tooth projection upon the face of the tongue passing out through the hole in the plate, in combination with holes formed at intervals in the adjacent face of the sash-frame, into which the tooth is adapted to enter, and means whereby the tooth may be forced back from engagement with the sash, substantially as specified. (2.) A lock for window-sashes, consisting of a metal plate formed with a hole near its bottom end, a recess formed in the face of the pulley-stile, over which the plate is secured, a spring tongue fitting within the recess and secured at its top end against the back face of the metal plate, a tooth projection upon the face of the tongue passing out through the hole in the plate, a rod passing through the window-frame and extending across the recess in the stile, a tappet or pin upon the rod engaging with the outer face of the spring tongue and means whereby the rod may be turned, in combination with holes formed at intervals throughout the face of the sash-frame adjacent to the stile and into which the tooth is adapted to enter, substantially as specified. (3.) The general arrangement, construction, and combination of parts in my approved means for locking window-sashes, as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 18116.—5th July, 1904.—WILLIAM GRAY, of Whakapara, Auckland, New Zealand, Butcher. Improvements in adjustable handle-bars of cycles.

Claims.—(1.) For the purpose indicated, a handle-bar comprising two members pivoted to the stem of the handle-bar, grooves formed in the pivoted ends of the members, a conical bearing upon which the members are pivoted, a conical washer having a slot, and a spring catch having a rib for engaging the grooves and slot, as set forth. (2.) In adjustable handle-bars of cycles, a catch, a longitudinal rib and a tongue upon the catch, and a spring to which the catch is pivoted, as set forth. (3.) The combination and arrangement of parts comprising the improvements in handle-bars constructed, arranged, and operating substantially as set forth, and illustrated on the drawing.

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

No. 18117.—5th July, 1904.—WILLIAM DANKS, of Samuel Danks and Son, 10, Brandon Street, Wellington, New Zealand, Brassfounder. Improved cement for jointing sanitary pipes.

Claim.—For the purpose indicated a composition of bitumen and sea-sand mixed together in the manner and in the proportion approximately as set forth.

(Specification, 1s.)

No. 18120.—2nd July, 1904.—VALENTINE PRNISKIE, of Christchurch, New Zealand, Civil Servant. An improved nib-ejecting device.

Claims.—For the purpose indicated, in combination, a penholder that is provided with a medial slit or slot, a cylinder or collar adapted to slide thereon, and a tongue upon the collar depending therefrom, that comes under the rear end of a nib in the holder and thus forces it out of its place when the collar is moved forward along the pen, as specified. (2.) In a penholder, in combination, a penholder that is provided with a medial slit or slot, a cylinder or collar adapted to slide thereon, and a tongue-piece formed upon the cylinder and depending therefrom, that is bent backwards and then reversely upon itself so as to come under the rear end of a nib in the holder, as specified and for the special purpose set forth. (3.) In a penholder, in combination, a penholder that is provided with a medial slit or slot, a cylinder or collar adapted to slide thereon, and a tongue-piece, formed from the cylinder-body a short

distance behind its forward edge, said tongue-piece being bent downwards within the cylinder and projecting forwards so as to come under the rear end of a nib in the holder, as specified and set forth.

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

No. 18121.—1st July, 1904.—DAVID CLARK, of Drummond, New Zealand, Farmer. Improvements in forcing pens.

Claims.—(1.) The general construction, arrangement, and combination of parts composing my improvements in forcing-pens, all substantially as and for the purposes set forth. (2.) Forcing-pen of circular shape with sloping floor having at one end a feed-race with hinged gate adapted to close the pen, and a hinged forcing-gate mounted centrally of the pen and adapted to be drawn revolvably through the pen and to force sheep therefrom and then to be brought back to its original position by hoisting and drawing means substantially as described. (3.) A forcing-pen comprising a circular fence, a sloping floor, and a revolving forcing-gate, substantially as and for the purposes set forth.

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

No. 18127.—6th July, 1904.—FRANZ VISINTINI, formerly of Vienna, Austria, but now of 21, Grütli Strasse, Zurich, Switzerland, Architect. Improvements in and relating to lattice or truss girders, columns, and thelike.

Claims.—(1.) A lattice or truss girder for building purposes, such as described, the various members of which are so arranged as to resist tension and compression, in which members' drawbars are imbedded in order to resist tensional strains, substantially as described. (2.) A lattice or truss girder for building purposes, substantially as described, in which the members of the supporting body consist of beams and diagonals. (3.) A lattice or truss girder for building purposes as described, in which the members of the supporting body are beams, diagonals, and vertical bars. (4.) A lattice or truss girder for building purposes as described, consisting of a column or pillar having vertical beams which are connected by bars, or by bars and diagonals, substantially as described.

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

No. 18130.—6th July, 1904.—DECIMUS ROWE, of Wanganui, Wellington, New Zealand, Bicycle Agent. An improved pump for inflating pneumatic tires.

Claims.—(1.) In means for inflating pneumatic tires, a cylinder provided with plunger and plunger-rod, a semi-circular casing into which the cylinder is adapted to fit longitudinally, means whereby one end of the casing and one end of the cylinder may be pivoted to a fixed point, and a pivotal connection between the outer end of the plunger rod and the inside of the casing, substantially as specified. (2.) In means for inflating pneumatic tires, a semi-circular casing provided at one end with means whereby it may be pivoted to a fixed point, a longitudinal slot in the top of the casing, a sliding-bolt fitting in such slot and adapted to be secured at any point therein, and a pump, the plunger-rod of which is pivoted to the sliding-block and the free end of which is provided with means whereby it may be pivoted to a fixed point, substantially as specified.

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

No. 18131.—7th July, 1904.—CHARLES FREDERICK STRAUSS, of Railway Hotel, Kalgoorlie, Western Australia (assignee of Martin Nelson, of Kalgoorlie aforesaid, Mining Engineer). An improved lever gripper and attachments for ore-feeders and the like.

Claims.—(1.) In an improved lever gripper and attachments for ore-feeders and the like, a gripper having a jaw fitting on the edge of a table, and having a lever or arm acted on by an arm from a rocker-shaft, and held by a spring and retention-bolt in such a way that it will grip the table when pressed by the feeder-arm and will release its grip when freed from such pressure, as described and illustrated. (2.) In an improved lever gripper and attachments for ore-feeders and the like, a lever gripper fitting on the edge of the table and being held in position by means of a retention-bolt and spring, so that when the pressure of the feeder-arm is released from the gripper the retention-bolt and spring shall draw the lever gripper back to its normal position, carrying with it the rocker-shaft and its levers and the buffer-rod, as described and illustrated. (3.) In an improved lever gripper and attachments for ore-feeders and the like, a set-screw attached to the bottom of the hub or socket and pivoting in the spindle or pivot of the table, to enable the table to be raised or lowered at will, as described and illustrated. (4.) In an improved

lever gripper and attachments for ore-feeders and the like the application to and use in ore and dry-pulp feeders and the like of a lever gripper, retention-bolt, and spring, fitted in such a way as to permit motion to be imparted to the table, and an adjusting-screw for raising or lowering the table, as described and illustrated.

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

No. 18135.—7th July, 1904.—ALEXANDER MORRISON, of Dunedin, New Zealand, Consulting Engineer. An improved screen for gold-dredges.

Claims.—(1.) A screen for gold-dredges composed of a number of segmental plates, secured within a circular frame, and each curving eccentrically inwards towards the centre thereof so as to form a number of steps on the inside surface of the screen, substantially as specified. (2.) The general arrangement, construction, and combination of parts in my improved screen for gold-dredges, as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 18139.—5th July, 1904.—GEORGE WILLIAM BASLEY, of Vulcan Chambers, corner of Queen Street and Vulcan Lane, Auckland, New Zealand, Patent Agent (nominee of Walter Villa Gilbert, of 4, Cora Terrace, Port Elizabeth, South Africa, Clerk). Improvements in standards for supporting wires or the like for fencing purposes.

Claim.—A sheet-metal fence-standard having a body portion preferably indented longitudinally bent into a cylindrical or conical form converging into parallel or inclined forwardly projecting ribs, the edges of the ribs having differently positioned or elevated slots adapted to guide the fence-wires, terminating in oppositely positioned end bulbs adapted to locate the fence-wires with freedom of end-movement, a pointed ground-entering portion, and a cap-like top portion bent over so as to embrace the top of the body portion, all such portions of the standard being formed integral, as described with reference to the drawings.

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

No. 18141.—9th July, 1904.—GEORGE HENRY COLEGROVE, of "St. Elmo," Boulcott Street, Wellington, New Zealand, Salesman, and HENRY CORRIK, of Roseneath, Wellington aforesaid, Mechanical Engineer. An improvement in hats and caps.

Claim.—A pneumatic hat or cap constructed by placing a tube or receptacle of Indiarubber in such a position that when inflated with air or gas the tube or receptacle is made to expand and cause the hat to fit more correctly. The opening in the receptacle may be secured with a valve or anything suitable, or may be left open to the atmospheric pressure.

(Specification, 1s.)

No. 18151.—14th July, 1904.—HENRY GRIFFITHS, of 230, Brunswick Street, Fitzroy, Victoria, Australia, Boot-manufacturer. Improvements in Balmoral boots.

Claims.—(1.) In Balmoral boots, an integral upper and upper heel having an upper top, an upper front, an upper toe-piece, and an upper heel and back, two gullets formed in said upper, a tongue between said gullets, in combination with making-up pieces each having a top, front, and back, each making-up piece being secured to the upper and having its front edge reduced to a wedge section, all as and for the purposes described, and as illustrated in the drawings. (2.) In Balmoral boots, an integral upper and upper heel, having an upper top, an upper front, an upper toe-piece, an upper heel and back, two gullets in said upper top, a tongue between said gullets in combination with a combined right- and left-hand making-up piece, the front edges of which are secured inside the upper top and the back of which is secured inside the tongue, all as and for the purposes described.

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

No. 18154.—25th May, 1904.—FREDERICK GEORGE SHURY, of Greymouth, New Zealand, Engine-driver. An improved filter for purifying feed-water for steam-boilers.

Extract from Specification.—This invention relates specially to means for purifying or filtering the feed-water of steam-boilers. The appliances used may, however, be employed for filtering other water or liquids. The

means devised for carrying out the purpose of the invention consist of a metal cylinder or casing that is divided into two chambers by means of a false bottom extending across the casing a suitable distance from the lower end thereof. In the upper chamber are mounted a number of vertical hollow cylinders made of porous stone. The top ends of these stone cylinders are closed while their bottom ends are in communication with the lower chamber of the casing. The appliance in use is placed between the pump and the boiler, and the water is led into the top chamber and filters through the sides of the stone cylinders down into the lower chamber, from whence it travels to the boiler.

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

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

No. 18174.—19th July, 1904.—HUGH SHAW CLARK, of Onehunga, Auckland, New Zealand, Master Mariner, and ROBERT LOGAN, the younger, of Devonport, Auckland aforesaid, Shipbuilder. A new and improved position-finder for indicating positions on either land or sea.

Extract from Specification.—In using the instrument described with the object of giving effect to the purpose for which it is projected, the officer in charge of the vessel on which the position-finder is being used, wishing to find his exact position off the land where his vessel is, takes as sighting objects three stationary points on or off the land such as are shown on Fig. 3 of the drawings and marked respectively W, X, and Y. Having first loosened the thumb-screw T he takes the central point or object X by preference and sights the same over the spindle-point I and over the point or vane V² of the arm P. Then, while the thumb-screw T is sufficiently loose, he quickly brings the arm R in line with the point or object Y by bringing the spindle-point I and vane V³ in line therewith. Having done this he immediately brings the arm N in line with the point or object W by bringing the spindle-point I and the vane V¹ in line therewith, and at once tightens the thumb-screw T so that neither of the arms can be moved from the direction given them. In pointing the arms the last object to be taken should be the one that the ship or vessel is passing quickest. The bearings having thus been taken the hub is lifted off the shoulder H and pin or lug K, and is placed upon the chart so that each arm is in direct line with the points or objects already taken as above described; then a pencil or other suitable marker is passed through the hollow space Z within the hub or cylinder L previously fitted over the spindle, and a dot or mark is made on the chart, when the position-finder or instrument is removed from the chart. This dot or mark thus made upon the chart indicates the precise position of the vessel at the time the observation was made or taken.

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

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

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

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

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

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

F. WALDEGRAVE,
Registrar.

Provisional Specifications.

Patent Office,
Wellington, 3rd August, 1904.

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

No. 17873.—2nd May, 1904.—HENRY JERGER, of Burnie, Tasmania, Australia, Jeweller, and ALOYSIUS JOYCE, of Burnie aforesaid, temporarily residing at Sydney, New South Wales, Australia, Bookseller. Improvements in feeding-funnels.

No. 18062.—16th June, 1904.—ALFRED GEORGE JACKSON, of 208, George Street, Brisbane, Queensland, Australia, Electrician. Improvements in balance window-sashes.

No. 18087.—24th June, 1904.—MINNIE NIKANDER, of Christchurch, New Zealand, Married Woman. An improved appliance for use by young children.

No. 18091.—28th June, 1904.—JOHN MILTON TOFT, of Karaka Drury, Auckland, New Zealand, Farmer. Improvements in pneumatic horse-collars.

No. 18100.—24th October, 1903.—CHESTER CHARLES SMALL, of Newton Highlands, Middlesex, Massachusetts, United States of America, Inventor. Improvements in or relating to top-lifts for boots and shoes.

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

No. 18106.—1st July, 1904.—ALEXANDER NATHAN, of Makino, Feilding, Wellington, New Zealand, Merchant, FREDERICK JOSEPH NATHAN, of Palmerston North, Wellington aforesaid, Merchant, and JOHN ALFRED MERRETT, of Wellington, New Zealand, Engineer. Improved method or process of and apparatus for drying blood.

No. 18113.—4th July, 1904.—CHARLES BURRIDGE, of Wairoa, Hawke's Bay, New Zealand, Photographer, and HARRY BROWN, of Wairoa aforesaid, Blacksmith. An improved cap for wheeled vehicles.

No. 18118.—5th July, 1904.—DANIEL BISHOP, of Hildershorpe, Otago, New Zealand, Farmer. Improved means for securing blinds to blind-rollers.

No. 18132.—7th July, 1904.—GEORGE WILLIAM BERRY, of 62, Smith Street, Kensington, near Melbourne, Victoria, Australia, Tinsmith. Improvements in machines for soldering the ends of tins.

No. 18133.—7th July, 1904.—RICHARD STONE HAUGHTON, of 73, Austin Street, Wellington, New Zealand, Manufacturer. Improved bottle-filling machine.

No. 18134.—7th July, 1904.—WILLIAM HENRY PIPER, of Waltham Road, Sydenham, Canterbury, New Zealand, Boot-maker, and ALFRED ERNEST COPLEY, of Cambridge Street, Ferry Road, Christchurch, Canterbury aforesaid, Pattern Maker. Improved extension boot for the use of a person with a deformed leg.

No. 18136.—4th July, 1904.—JOHN THOMSON, of Invercargill, New Zealand, Draper. Improved tire for vehicle-wheels.

No. 18137.—8th July, 1904.—BRYAN CATON, of Wellington, New Zealand, Boot-clicker. An improved boot.

No. 18138.—7th July, 1904.—CARL GUSTAV JOHANSON, of Christchurch, New Zealand, Storekeeper. An improved combined grubbing, transplanting, and hilling-up tool.

No. 18140.—5th July, 1904.—FRANK VICTOR RAYMOND, of Invercargill, New Zealand, Solicitor. Improvements in knife-cleaners.

No. 18142.—9th July, 1904.—SAMUEL DECIMUS CURRIE, of Te Aroha, Auckland, New Zealand, Farmer. An improved device for use in converting kerosene and other tins into buckets.

No. 18152.—14th July, 1904.—TIMOTHY BEEHANE O'CONNOR, of Auckland, New Zealand, Storekeeper. Improved indicating device for employment in connection with bridges for racehorses.

No. 18153.—14th July, 1904.—WALTER S. RIGBY, of Surrey Cottage, Alexander Street, Greymouth, Westland, New Zealand, Architect and Engineer. Improved apparatus for launching ship's boats.

No. 18155.—14th July, 1904.—ISAAC EDMOND, of Mauriceville, Wellington, New Zealand, Labourer. An improved rat trap.

No. 18156.—14th July, 1904.—JAMES DAVIES, of Vermont Street, Ponsonby, Auckland, New Zealand, Settler. Improvements in means for utilising the flow of tides and other water-currents.

No. 18161.—16th July, 1904.—GEORGE HOWE COOK, of Russell, Bay of Islands, New Zealand. Improvements in rifles.

No. 18162.—16th July, 1904.—ARTHUR INNES JONES, of Motupiko, Nelson, New Zealand. An invention for automatically catching the fibre of flax as it comes from the stripper and placing it in hanks ready for washing.

No. 18165.—16th July, 1904.—GEORGE HUTCHINSON, of Seatoun, Wellington, New Zealand, Schoolmaster. Improvements in milking-machinery.

No. 18168.—13th July, 1904.—WILLIAM BEAMISH, of Cromwell, Central Otago, New Zealand, occupied in the dredging industry. Improvements in gold-saving apparatus.

No. 18170.—13th July, 1904.—ROBERT WALES, of Dunedin, New Zealand, Engineer. Coin-controlled adhesive-stamp-affixing machine.

No. 18171.—13th July, 1904.—THOMAS CHARLES STEWART, of High Street, Echuca, Rodney, Victoria, Australia, Coach-builder. Improvements in drying-frames for shrinkable clothing.

No. 18172.—14th July, 1904.—JOHN WILLIAM ROONEY, of Smith Street, Caversham, Dunedin, New Zealand, Decorative Artist; JAMES BEWS MEIKLEJOHN, of Maitland Street, Dunedin aforesaid, Car-builder; and CHARLES LEWELLYN WATT, of Rattray Street, Dunedin aforesaid, Consulting Engineer. An improved apparatus for indicating the destination of cars, trains, and the like.

No. 18175.—16th July, 1904.—THOMAS GRUNDY, of Waiwera, Auckland, New Zealand, Engineer. An improved propeller-blade.

NOTE.—Provisional specifications cannot be inspected, or their contents made known by this office in any way, until the complete specifications in connection therewith have been accepted. The date of acceptance of each application is given after the number.

F. WALDEGRAVE,
Registrar.

Letters Patent sealed.

LIST of Letters Patent sealed from the 22nd July to the 4th August, 1904, inclusive:—

- No. 16086.—E. T. Horne and G. L. Jones, manufacture of alcohol.
- No. 16157.—W. Sim, milking-machine.
- No. 16237.—C. L. Stokes, balancing window-sash.
- No. 16257.—F. Wilkinson, pulling out fibre, &c.
- No. 16261.—A. J. Park, increasing saleability of goods. (H. Nelson.)
- No. 16291.—J. H. Cobb, tobacco-plug holder and cutter. (J. Lloyd.)
- No. 16307.—C. S. Smith and C. Otto, collapsible-box.
- No. 16368.—H. I. M. Ross, double-current ventilator.
- No. 16376.—A. Parker, dust, &c., excluder.
- No. 16464.—F. W. Bursill, fencing-standard.
- No. 16499.—J. Duncan, leggings.
- No. 16925.—A. McLeod, burner and heater.
- No. 17270.—G. P. Wallis and G. Fox, manufacture of bricks.
- No. 17388.—A. S. Coronel, window furniture. (R. B. Wells.)
- No. 17562.—E. Bullôt, W. Edwards, and J. Barraclough, door-holder.
- No. 17596.—R. R. Douglas, dredge-tumbler.
- No. 17633.—C. F. A., E. G., and P. P. Schaefer, composition for making stucco ornaments. (A. Lauermann.)
- No. 17679.—R. F. Smith, skylight.
- No. 17706.—L. B. Schram, bottle-sealing device. (E. D. Schmitt.)
- No. 17717.—J. F. Linke and M. S. Noack, disc plough.
- No. 17720.—W. V. Paley and T. H. Bussey, egg-beater and food-mixer.
- No. 17721.—A. J. L. Eckersley, controlling pressure in soda-water reservoirs.
- No. 17723.—S. Churchill-Otton, telephone diaphragm.
- No. 17734.—T. H. Mapp, treating forage.
- No. 17735.—T. H. Mapp, hydraulic press.
- No. 17737.—H. McClure, culinary utensil.
- No. 17738.—Henry R. Worthington, condenser. (W. Schwanhauser.)
- No. 17739.—Henry R. Worthington, centrifugal pump. (F. Ray.)
- No. 17740.—Henry R. Worthington, centrifugal pump. (F. Ray.)
- No. 17741.—J. G. F. Lund, flooring.
- No. 17771.—N. H. Claussen, manufacture of English beer.
- No. 17776.—The Morgan Crucible Company, Limited, muffle. (J. C. Fox.)
- No. 17777.—The Morgan Crucible Company, Limited, cupel. (J. C. Fox.)
- No. 17778.—W. E. Hughes, turbine. (G. Westinghouse.)
- No. 17779.—H. H. Patterson and J. R. Stevenson, rabbit-poison.
- No. 17781.—W. J. Gruss, vaginal syringe.
- No. 17808.—W. Green, drawing-board.
- No. 17828.—C. J. Rusher and G. W. Baudinet, explosive.
- No. 17832.—G. McMullen, collapsible shutter or blind.

F. WALDEGRAVE,
Registrar.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- NO. 12812.—H. Ranish, low billiard cushion. 25th July, 1904.
- No. 12819.—Ross and Glendining, Limited, cutting cloth. [P. Palmer.] 25th July, 1904.
- No. 12836.—W. Kingsland, regulating electrical switches. 28th July, 1904.
- No. 12881.—B. J. Diplock, traction-engine. 21st July, 1904.
- No. 12935.—G. Weir, ore-dressing machine. 28th July, 1904.

THIRD-TERM FEES.

- No. 9824.—T. Basset and J. K. Mawson, rotary divider for reaping and binder machines. 21st July, 1904.
- No. 9925.—The Wireless Telegraph and Signal Company, Limited, transmitting electrical impulses and signals. [G. Marconi.] 21st July, 1904.

F. WALDEGRAVE,
Registrar.

Application for Letters Patent withdrawn.

NO. 17868.—R. W. Todd, manufacture of concrete pipes. (Advertised in Supplement to *New Zealand Gazette*, No. 49, of the 9th June, 1904.)

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent abandoned.

LIST of applications for Letters Patent, with which provisional specifications only have been filed, abandoned (*i.e.*, complete specifications not lodged) from the 21st July to the 3rd August, 1904, inclusive:—

- No. 17008.—J. S. J. Alpass, day-book.
- No. 17011.—G. H. Moss, jun., inner tire of bicycle.
- No. 17012.—D. Ricons, lever and protractor clinometer.
- No. 17014.—C. L. Hansen, gate-latch.
- No. 17020.—O. F. Colvin, manufacture of mineral wool.
- No. 17021.—J. M. Ahern, boiler-tube cleaner.
- No. 17022.—E. G. Silk, preventing oil from passing from condenser to boiler.
- No. 17025.—A. Riches, preventing froth in receptacles for milk.
- No. 17029.—J. C. Whiteman and F. T. Boys, label-fastening.
- No. 17030.—R. Dunne, bottle-stopper.
- No. 17032.—W. P. Styles, retaining window-sash.
- No. 17034.—P. B. Ross, spring stirrup-bar.
- No. 17035.—H. C. Whitmore, butter-printer.
- No. 17036.—J. Baird, window-gear.
- No. 17037.—J. D'Esmonde and W. B. Peek, kettle.
- No. 17038.—G. E. C. F. Sander, gate-latch.
- No. 17043.—E. G. Mills, manufacturing white-lead.
- No. 17045.—T. Wilkins, tobacco-cutter.
- No. 17048.—J. R. Hayne, pneumatic spring.
- No. 17052.—O. Stewart, preventing vibration of seat.
- No. 17054.—F. G. Kinsey, wheel.
- No. 17055.—J. H. Suckling and W. H. Marshall, muffling sound of explosion in vehicles.
- No. 17060.—J. and A. Fraser, steam-engine.
- No. 17061.—W. B. and E. Brain, electrical battery or accumulator.
- No. 17062.—B. S. and R. S. Shillito, ball-bearing castor.
- No. 17081.—A. Lafranchi, blowing a foghorn.
- No. 17082.—A. Levings, mitre-box and cramp.
- No. 17083.—W. A. Martin, heel-piece for boots.
- No. 17084.—A. Curwood and J. Harrison, hanging and locking window-sashes.
- No. 17087.—W. White, fencing-standard.

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent void.

APPLICATIONS for Letters Patent, with which complete specifications have been lodged, void, owing to non-acceptance of such complete specifications, from the 21st July to the 3rd August, 1904, inclusive:—

Nil.

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent lapsed.

LIST of applications lapsed owing to Letters Patent not being sealed, from the 21st July to the 3rd August, 1904, inclusive:—

- No. 15907.—A. W. Swift and R. Hall, mould for plastic materials.
- No. 15912.—D. Donald, attachment to wool-press.
- No. 15927.—W. J. Barrie, water-controller for medical battery.
- No. 15934.—H. Williams, raft.
- No. 15939.—F. W. Payne, protecting bucket-tumbler.

F. WALDEGRAVE,
Registrar.

Letters Patent void.

LETTERS Patent void through non-payment of renewal fees from the 21st July to the 3rd August, 1904, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 12560.—The British Westinghouse Electric and Manufacturing Company, Limited, lightning-arrester (A. J. Wurts.)
- No. 12561.—J. Gaut and J. J. Rouse, photographic camera.
- No. 12563.—S. R. Dresser, pipe-coupling.
- No. 12565.—G. G. Sale, dredge-concentrator.
- No. 12567.—W. Pinches, wire-fencing batten.
- No. 13237.—The British Westinghouse Electric and Manufacturing Company, Limited, electric brake-regulator (F. C. Newell.)

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 9471.—A. F. B. Gomess, treating fibres.
- No. 9480.—J. Rose, horse-race starter.
- No. 9481.—J. McFarlane, horse-cover.
- No. 9483.—O. Blacket, ore-concentrator.
- No. 9486.—E. H. Brown and J. McFarlane, horse-cover.

F. WALDEGRAVE,
Registrar.

Designs registered.

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

- No. 212.—Paul Boll, of No. 39, View Street, Bendigo, in the State of Victoria, Commonwealth of Australia, Electrical and Mechanical Engineer. Class 1. 8th April, 1904.
- No. 213.—Frederick James Shelton, of Wellington, in the Colony of New Zealand, Importer. Class 1. 14th July, 1904.
- No. 214.—Francis Joseph Mahoney, of Christchurch, in the Colony of New Zealand. Class 1. 1st August, 1904.

F. WALDEGRAVE,
Registrar.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 3rd August, 1904.

APPPLICATIONS 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 : 4368.
Date : 9th September, 1903.

TRADE MARK.

The word

OSOLITE.

NAME.

JAMES WALLACE, of 50, Princes Street, Dunedin, New Zealand, Hat-manufacturer.

No. of class : 38.
Description of goods : All articles in the class.

NOTE.—Class 38 is for articles of clothing—such as hats of all kinds, caps and bonnets, hosiery, gloves, boots and shoes, other ready-made clothing.

No. of application : 4793.
Date : 30th June, 1904.

TRADE MARK.

The word

FOTOX.

NAME.

HAROLD OLIVER WILES, of "Cambridge House," Karaka Street, Auckland, New Zealand, Chemist's Assistant.

No. of class : 1.
Description of goods : A single-solution photographic-developer for plates, films, lantern-slides, papers, &c.

No. of application : 4795.
Date : 30th June, 1904.

TRADE MARK.



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

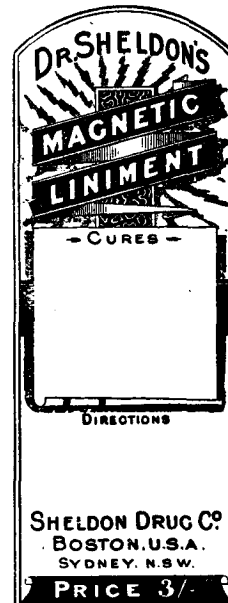
NAME.

SHELDON DRUG COMPANY, of 15, O'Connell Street, Sydney, New South Wales.

No. of class : 3.
Description of goods : A medicine.

No. of application : 4796.
Date : 30th June, 1904.

TRADE MARK.



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

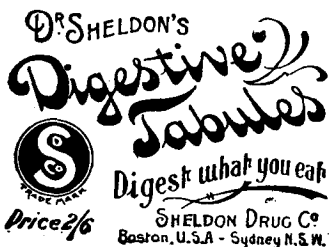
NAME.

SHELDON DRUG COMPANY, of 15, O'Connell Street, Sydney, New South Wales.

No. of class : 3.
Description of goods : A liniment.

No. of application : 4797.
Date : 30th June, 1904.

TRADE MARK.



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

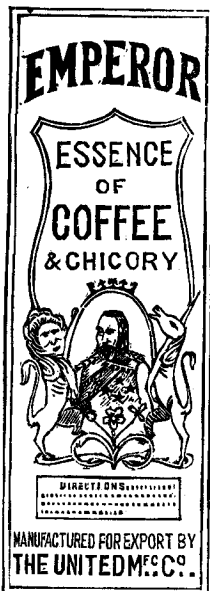
NAME.

SHELDON DRUG COMPANY, of 15, O'Connell Street, Sydney, New South Wales.

No. of class : 3.
Description of goods : Digestive tablets.

No. of application : 4813.
Date : 11th July, 1904.

TRADE MARK.



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

NAME.

THE UNITED MANUFACTURING COMPANY, of Moray Place, Dunedin, New Zealand.

No. of class : 42.
Description of goods : Coffee and chicory.

No. of application : 4815.
Date : 14th July, 1904.

TRADE MARK.

The word

CASCAROIDS.

NAME.

STERLING REMEDY COMPANY, of Room 1,000, Trude Building, Chicago, in the County of Cook and State of Illinois, United States of America (and elsewhere), Manufacturers.

No. of class : 3.
Description of goods : A medicine for human use.

No. of application : 4818.
Date : 14th July, 1904.

TRADE MARK.

The word

CANARY.

NAME.

RICHARD HENRY BRYANT, of Tweed Street, Invercargill, New Zealand, Grocer.

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

No. of application : 4820.
Date : 18th July, 1904.

TRADE MARK.

The word

KORARI.

NAME.

WATERS, RITCHIE, AND Co., of Crawford Street, Dunedin, New Zealand, Produce Merchants.

No. of class : 42.
Description of goods : Hams and bacon.

No. of application : 4822.
Date : 18th July, 1904.

TRADE MARK.

The word

RHODIA.

NAME.

HOLMES SAMUEL CHIPMAN, of No. 54, Margaret Street, Sydney, in the State of New South Wales and Commonwealth of Australia, Merchant.

No. of class: 6.
Description of goods: Sewing-machines.

No. of application: 4823.
Date: 21st July, 1904.

TRADE MARK.

The word
WAUKENEZIE.

NAME.

RICHARD WILLIAMSON PARKER, of 122, Queen Street, Auckland, in the Colony of New Zealand, Chemist.

No. of class: 3.
Description of goods: A corn-cure.

No. of application: 4824.
Date: 21st July, 1904.

TRADE MARK.

The words
LUX PAT.

NAME.

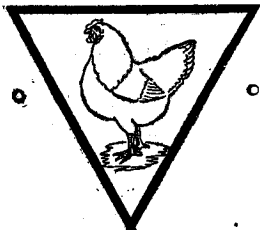
ALBERT ERNEST ARLIDGE, of Dunedin, New Zealand, Lead-headed Nails Manufacturer.

No. of class: 13.
Description of goods: Lead-headed nails.

No. of application: 4825.
Date: 22nd July, 1904.

TRADE MARK.

**THE
GILRUTH**



**POULTRY
CONDIMENT**

The essential particular of this trade mark is a hen within an inverted triangle; and any right to the exclusive use of the added matter, except the word "Gilruth," is disclaimed.

NAME.

BEATTIE, LANG, AND Co., of 7, Featherston Street, Wellington, New Zealand, Produce Exporters and Merchants.

No. of class: 42.
Description of goods: Poultry-foods.

No. of application: 4826.
Date: 22nd July, 1904.

TRADE MARK.

**THE
GILRUTH**



CALF FOOD

The essential particular of this trade mark is a calf's head in an inverted triangle; and any right to the exclusive use of the added matter, except the word "Gilruth," is disclaimed.

NAME.

BEATTIE, LANG, AND Co., of 7, Featherston Street, Wellington, New Zealand, Produce Exporters and Merchants.

No. of class: 42.
Description of goods: Cattle-food.

No. of application: 4827.
Date: 22nd July, 1904.

TRADE MARK.

The words
GUM BENTHOL.

NAME.

MURDOCH AND Co., of St. Andrew's Street, Dunedin, New Zealand, Chemists.

No. of class: 3.
Description of goods: Cough-medicine.

No. of application: 4829.
Date: 23rd July, 1904.

TRADE MARK.



A.H.KORTH. PROPRIETOR

The essential particulars of this trade mark are the word "Rolaxite" and device; and any right to the exclusive use of the words "only effective insect-blight destroyer" and "trade mark" is disclaimed.

NAME.

ALBERT HUGO KORTH, of 26, Vivian Street, Wellington, New Zealand, Forester and Horticulturist.

No. of class: 2.

Description of goods: Insect-blight destroying specific and preventer of insect blight.

No. of application: 4830.

Date: 25th July, 1904.

TRADE MARK.

The word

CHORLAND.

NAME.

WIGGINS, TEAPE, AND CO., LIMITED, of 10, Aldgate, London, England, Paper-makers, and Wholesale and Export Stationers.

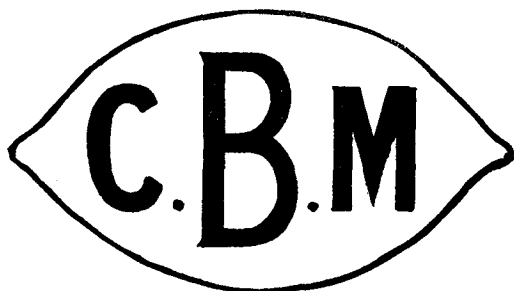
No. of class: 39.

Description of goods: Paper.

No. of application: 4834.

Date: 27th July, 1904.

TRADE MARK.



NAME.

CHARLES MYTTON BROOKE, of Lancaster Park, Christchurch, New Zealand, Chemist.

No. of class: 42.

Description of goods: Lemon-squash cordials, and vinegar.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 21st July to the 3rd August, 1904, inclusive:—

- No. 3679; 4697.—T. Russell. Class 3. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3680; 4515.—J. Mélotte. Class 7. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3681; 4640.—The Pacific Hardware and Steel Company. Class 6. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3682; 4714.—A. S. Paterson and Co. Class 42. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3683; 4715.—A. S. Paterson and Co. Class 42. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3684; 4716.—A. S. Paterson and Co. Class 42. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3685; 4717.—A. S. Paterson and Co. Class 42. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3686; 4415.—Gavin, Gibson, and Co. Class 38. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3687; 4691.—T. C. Williams Company. Class 45. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3688; 4696.—The New Home Sewing-machine Company. Class 6. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3689; 4703.—Marshall's Chemical Company, Limited. Class 50. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3690; 4707.—Marshall's Chemical Company, Limited. Class 3. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3691; 4710.—The Dried milk Company, Limited. Class 42. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3692; 4706.—F. N. R. Meadows. Class 42. (*Gazette* No. 42, of the 12th May, 1904.)
- No. 3693; 4677.—The Wilkins and Field Hardware Company, Limited. Class 42. (*Gazette* No. 45, of the 26th May, 1904.)
- No. 3694; 4682.—G. A. Coles and Co. Class 38. (*Gazette* No. 45, of the 26th May, 1904.)
- No. 3695; 4730.—P. Hayman and Co. Class 12. (*Gazette* No. 45, of the 26th May, 1904.)

F. WALDEGRAVE,
Registrar.

Trade Mark Renewal Fees paid.

FEES paid for the renewal of the undermentioned Trade Marks for fourteen years from the 1st January, 1904:—

No. 81/1587 (two trade marks).—G. G. Green, of Woodbury, New Jersey, United States of America. 19th July, 1904.

For fourteen years from the date first mentioned:—

Nos. 81/59, 82/60.—28th July, 1904.—Nelson, Moate, and Co., of Wellington, New Zealand. 28th July, 1904.

No. 153/115.—4th December, 1904.—S. Clarke, of London, England. 21st July, 1904.

F. WALDEGRAVE,
Registrar.

Application for Trade Mark withdrawn.

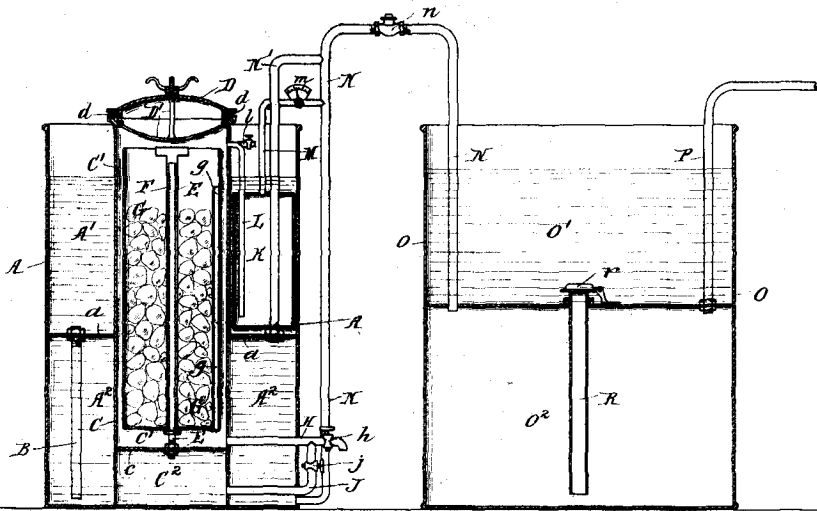
NO. 4742.—A. S. Paterson and Co. (Advertised in supplement to *New Zealand Gazette*, No. 49, of the 9th June, 1904.)

F. WALDEGRAVE,
Registrar.

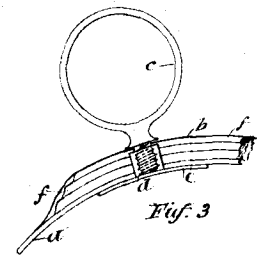


ILLUSTRATIONS OF INVENTIONS.

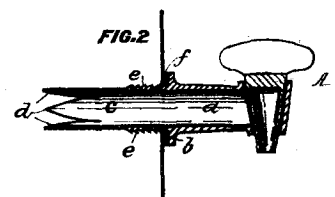
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



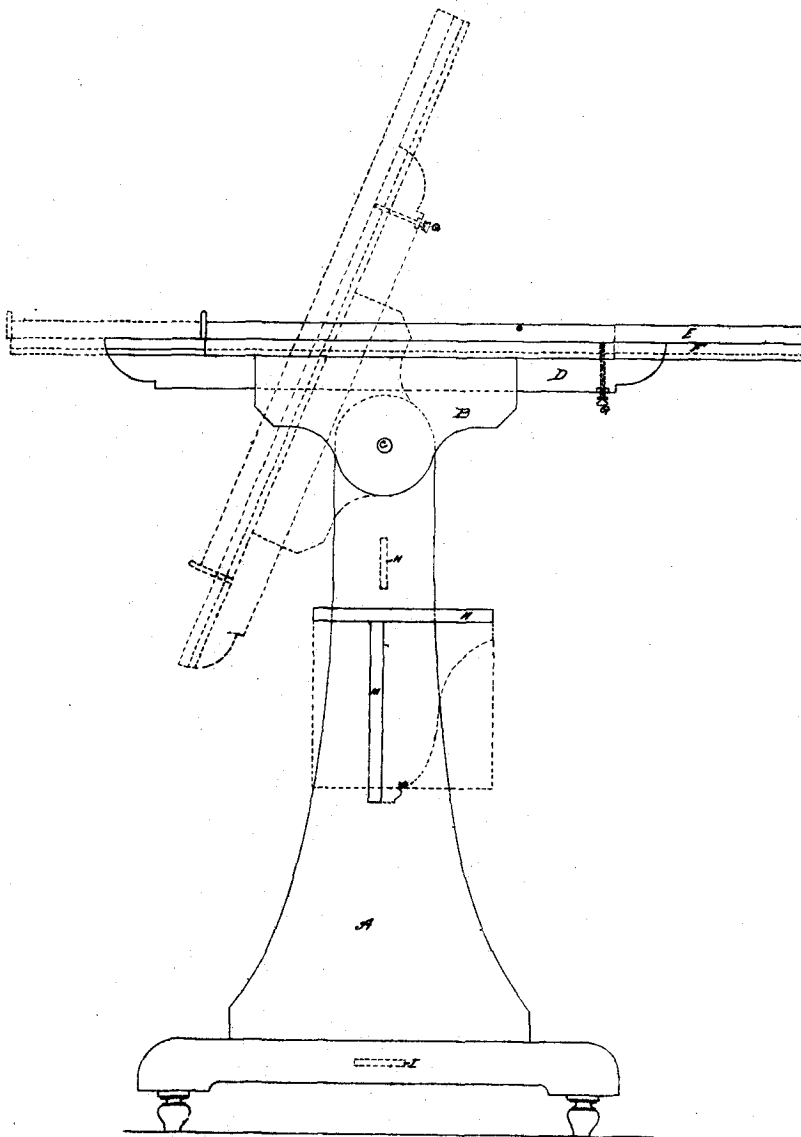
17031
Smith. Acetylene-generator.



17093
Edwards. Harness-saddle.



16873
Hughes. Tap. (Nuttall.)



17911
Spencer and Sanderson. Drawing Table and Easel.

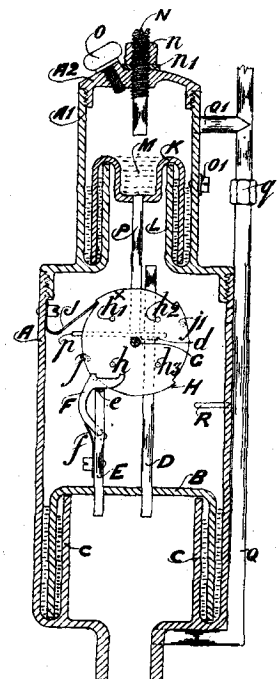


FIG. 1
18114
Haenke. Gas Lighter and Extinguisher.

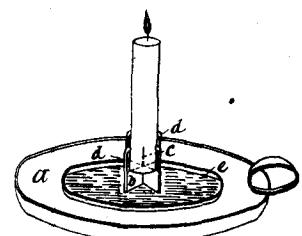
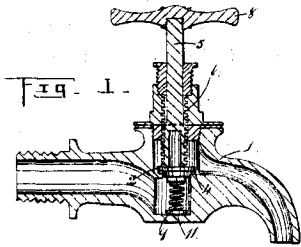
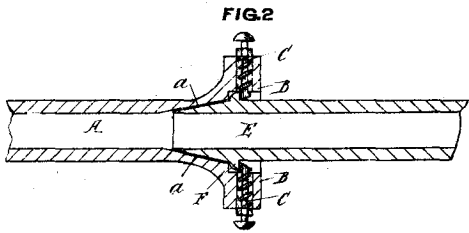


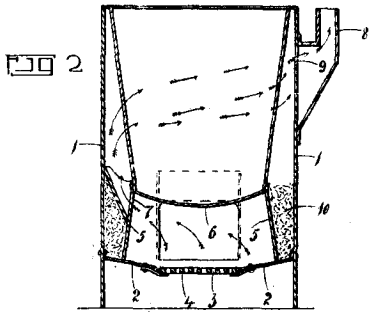
Fig. 1
17232
Ferrier. Candlestick.



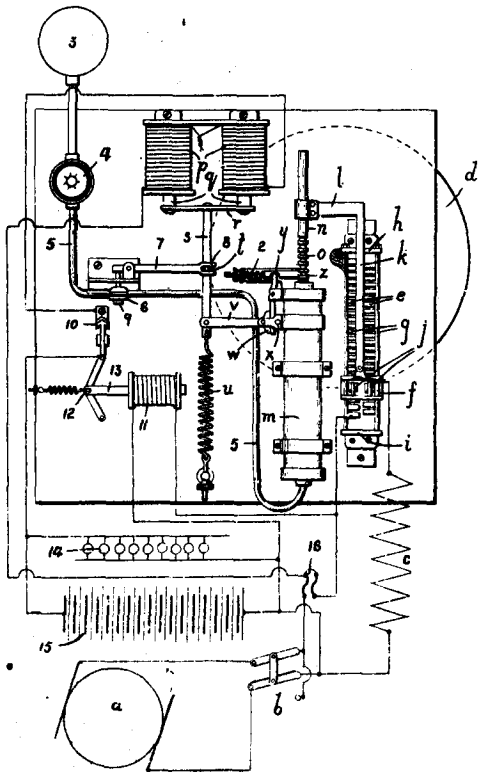
17263
Woolcott. Tap.



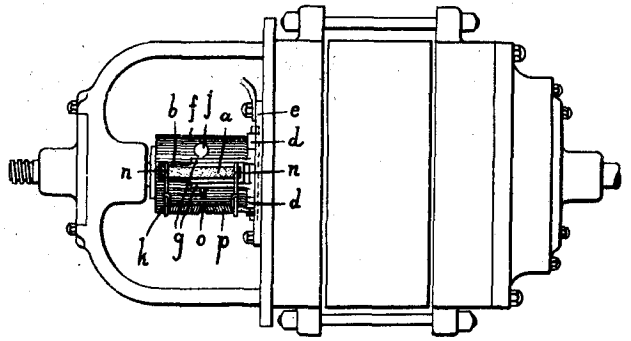
16989
Hughes. Hose-coupling.



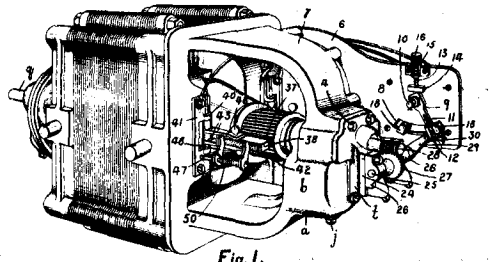
17834
Wolff and Mutch. Washing-boiler.



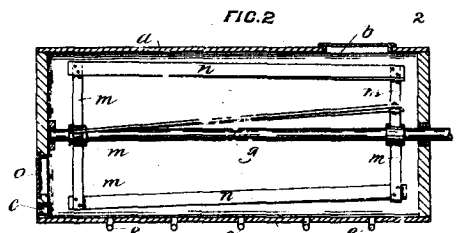
17953
Electric and Train Lighting Syndicate, Limited.
Electric Generator Voltage-controller. (Deutsch.)



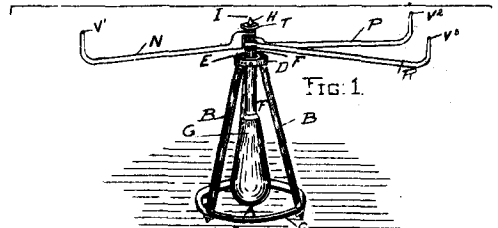
17952
Electric and Train Lighting Syndicate, Limited.
Electric Machine Brush-holder. (Deutsch.)



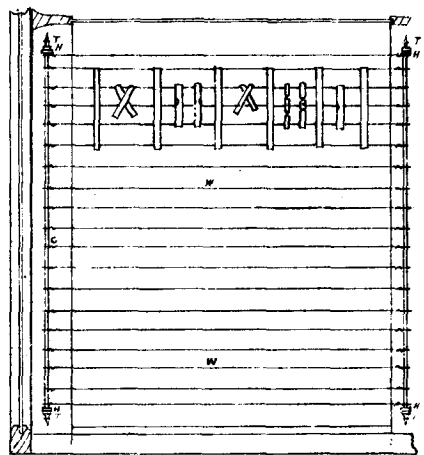
17951
Electric and Train Lighting Syndicate, Limited.
Dynamo. (Deutsch.)



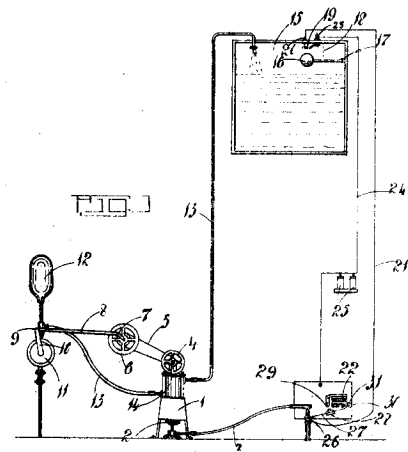
18996
Lowe. Sulphurising Fruit.



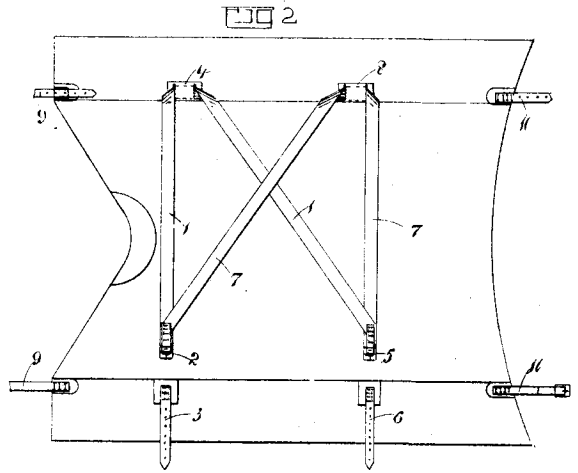
18174
Clark and Logan. Position-finder.



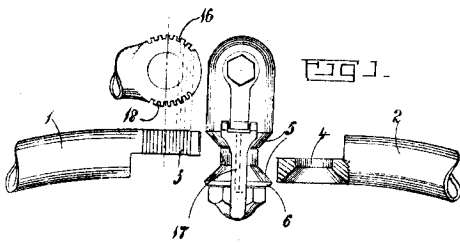
17964
Divine - Advertising Exhibitor and File.



18102
A. E. and H. G. Bradley. Pump.



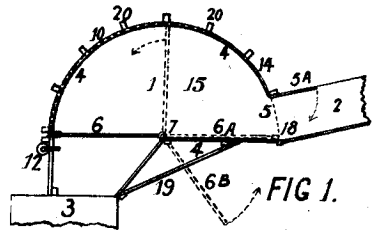
18101
Grave. Animal-cover.



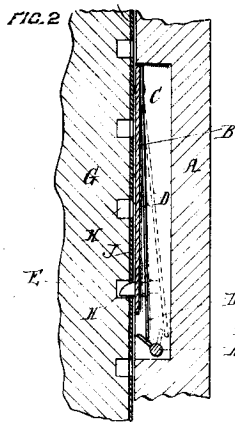
18116
Gray. Cycle Handle-bar.



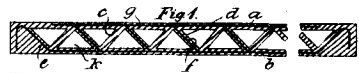
18120
Perniskie. Nib-ejecting Device.



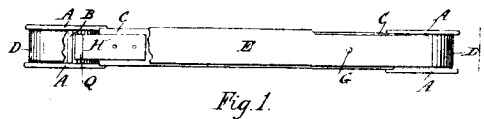
18121
Clark. Forcing-pen.



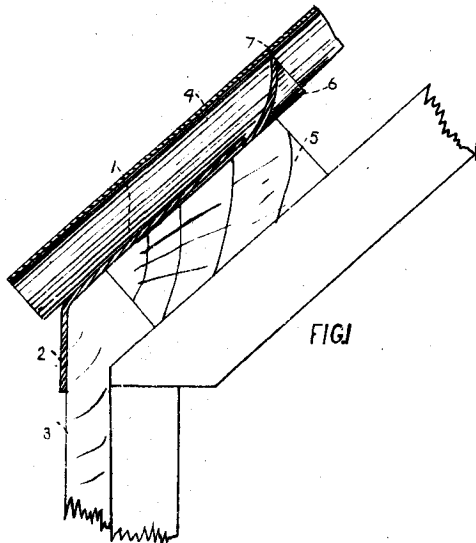
18115
Petrie. Sash-lock.



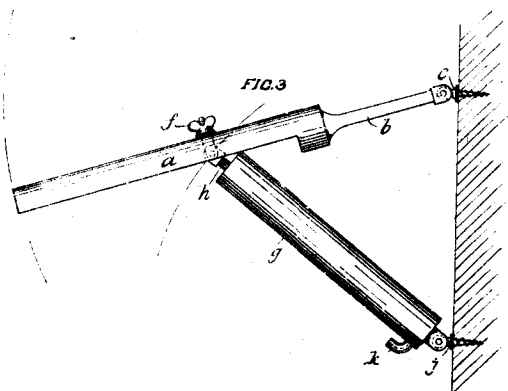
18127
Visintini. Lattice Girder, Column, &c.



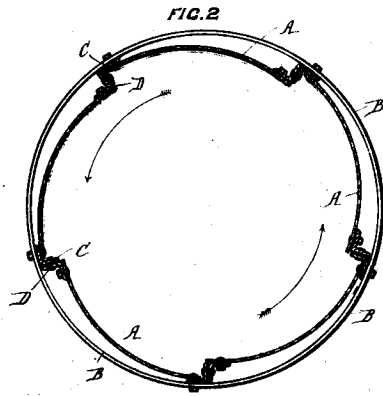
18084
Adams. Nut-wrench.



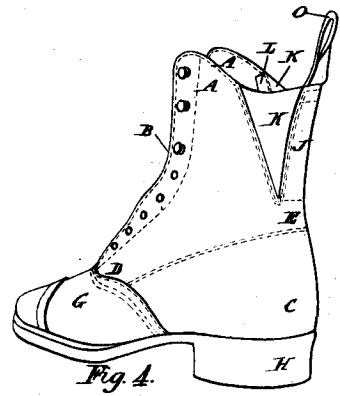
17017
Hewitt. Corrugated Roof Filling. (Wilson.)



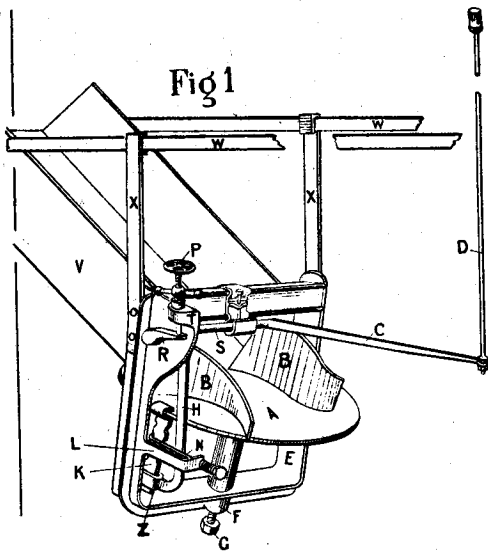
18130
Rowe. Tire-pump.



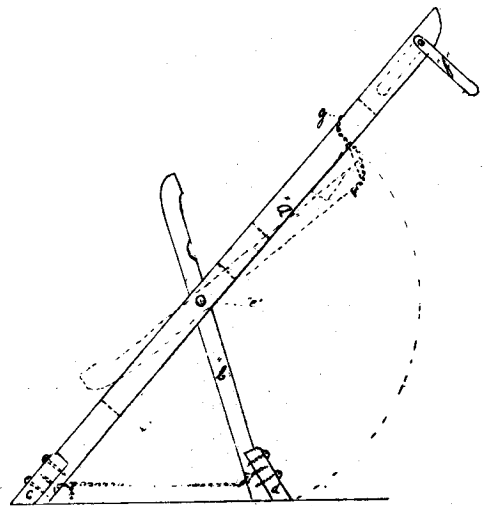
18135
Morrison. Dredge-screen.



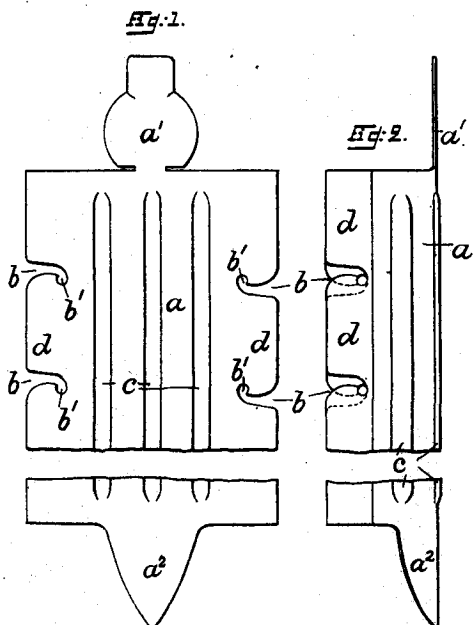
18151
Griffiths. Boots.



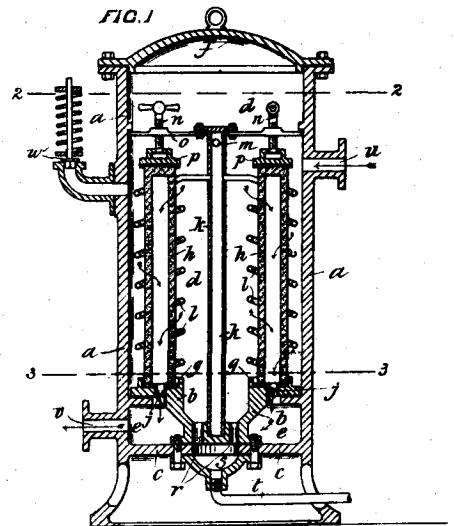
18131
Strauss. Gripper for Ore-feeder. (Nelson.)



18108
De la Haye. Bicycle-stand.



18139
Basley. Fencing Standard. (Gilbert.)



18154
Shury. Feed-water Filter.