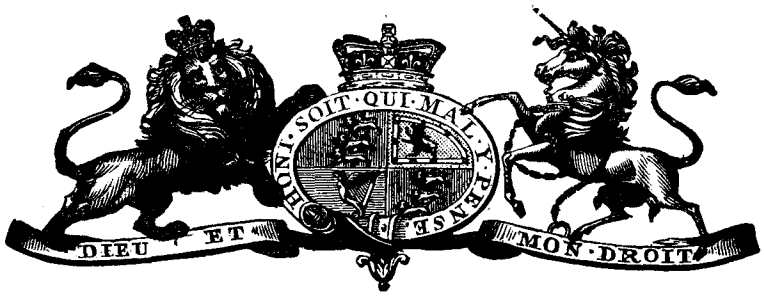

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

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WELLINGTON, THURSDAY, AUGUST 24, 1905.

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The following forms, &c., may be had on application :—
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Printed sheets of information as to fees and procedure to obtain letters patent and to register a trade mark(j).
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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.
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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.

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(b) These may also be seen at the Public Libraries, Auckland and Christchurch.
(c) In arrear. Not now being printed.
(d) Key is in card index.
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(g) The names of proprietors of subsequent letters patent appear in the Index of Patentees.
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(j) 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 suffixed; 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. 19860.—9th August.—E. A. G. Hamlin, Nuhaka.
Head-stall.

No. 19861.—10th August.—Monitor Shipping Corporation, Limited, Newcastle-on-Tyne.
Vessel (*W. Petersen*).*

No. 19862.—10th August.—G. S. Mayhew, London.
Preparing and cutting veneers.*

No. 19863.—10th August.—G. S. Mayhew, London.
Fire-proof slab for building.*

No. 19864.—10th August.—F. E. Elmore, London.
Separation by flotation.*

No. 19865.—10th August.—D. Corcoran, Launceston, Tasmania.
Measuring liquids.*

No. 19866.—10th August.—Aktiebolaget Separator, Stockholm, Sweden.
Separator (*A. J. Ericsson*).*

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Separator (*A. J. Ericsson*).*

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No. 19870.—8th August.—D. Finnane, Auckland.
Cake and spoon rest.

No. 19871.—8th August.—R. Craig, Auckland.
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No. 19872.—11th August.—E. S. Baldwin and H. H. Rayward, Wellington.
Seed-sower conductor-tube (*C. Bristow*).

No. 19873.—8th August.—J. Hercus, F. W. Barton, and W. Morton, Dunedin.
Food-protector for animals, &c.*

No. 19874.—9th August.—O. Paora, Orakei.
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No. 19875.—9th August.—R. R. Douglas, Dunedin.
Bucket-link of dredge.

No. 19876.—9th August.—A. Martin, Dunedin.
Hat-stand.

No. 19877.—9th August.—H. B. Williams, Dunedin.
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No. 19878.—12th August.—J. J. Neugeschwender, Timaru.
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No. 19879.—12th August.—C. F. F. Allan Auckland.
Hot-water boiler.

No. 19880.—15th August.—C. N. Collison, Melbourne.
Carbon-dioxide manufacture (*J. C. Stead*).

No. 19881.—15th August.—H. Airey, Karangahake, Auckland.
Centrifugal separator for mercury.

No. 19882.—15th August.—G. C. J. Richard, Sydney.
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No. 19883.—15th August.—W. J. Wallett, Durban, Natal.
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No. 19884.—16th August.—N. I. Gooder and R. Tait, jun., Wellington.
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No. 19885.—16th August.—H. G. Scott, Sydney.
Water-regulator for acetylene-generator.

No. 19886.—16th August.—H. Quertier, Dunedin.
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No. 19887.—16th August.—H. J. and A. B. Hill, Dunedin.
Metal- and glass-polishing composition.

No. 19888.—16th August.—J. Frame, Oamaru.
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No. 19889.—17th August.—S. F. Womersley, Traralgon, Victoria.
Butter-weighing and packing machine.

No. 19890.—17th August.—J. D. Wolf, London.
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No. 19923.—23rd August.—F. A. Winter, Sydney.
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No. 19924.—23rd August.—Braim Patent Switch Company, Limited, Vancouver, B.C.
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No. 19925.—23rd August.—A. Taylor, J. Langley, and N. McDowell, Victoria, B.C.
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No. 19928.—23rd August.—T. W. Watson, Wellington.
Temperature governor or regulator.
No. 19929.—23rd August.—R. P. Park, South Melbourne.
Closing and locking lift-doors.

F. WALDEGRAVE,
Registrar.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 9th August, 1905.

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. 17906.—11th May, 1904.—JOHN WATSON, of High Street, Dunedin, New Zealand, Hotelkeeper, and WILLIAM MACKAY, of 29, Moray Place, Dunedin, aforesaid, Chemist. A chemical process for treatment of flax and such like.*

Claims.—(1.) A step in a process for treating flax and the like consisting in immersing stripped fibre in a solution in water of ammonia, sulphate of soda, carbonate of soda, and common soap in the relative proportions approximately as set forth. (2.) A process for treating flax and the like consisting in first stripping the fibre, then washing, and then immersing it in a hot solution in water of ammonia, sulphate of soda, carbonate of soda, and common soap in the relative proportions approximately as set forth; then washing the fibre first in hot and then in cold water, and finally drying it, substantially as set forth.
(Specification, 2s. 6d.)

No. 18306.—11th August, 1904.—HILARY QUERTIER, of Wood's Hotel, Dunedin, New Zealand, Engineer. Improvements in or relating to dredging and excavating machinery.*

Extract from Specification.—According to my present invention, the screen shute for delivering the finer material is supported near its upper end by a forked bracket pivoted in another bracket attached to the frame of the machine. The lower end of the shute is carried by a second forked bracket which fits telescopically within a tubular stalk pivoted to the machine. The axes of the shute end of the two supporting brackets lie in the same vertical line. A pulley is mounted upon the upper forked bracket, and is connected by a chain or the like attached to a tube provided with an operating-wheel and bearings wherein it may be rotated. The tail-shute is supported by a forked bracket pivoted in a suitable support, and has a pulley connected by a chain or the like attached to a rod passed through the before-mentioned tube and provided with an operating-handle. By operating the tube, the first shute is rotated in either direction as desired, and by operating the rod the tail-shute is similarly rotated. Pintles in the ends of the forked brackets enable the inclination of the shutes to be adjusted. In the means for preventing the apparatus from overbalancing, I dispense with wheels, and provide bars preferably of Tee steel, extending longitudinally along the sides of the machine, and secured to brackets somewhat similar to wheel-brackets. Bars of this description will bear directly upon the sleepers, and render a longitudinal sleeper unnecessary. My present self-propelling mechanism comprises a sprocket-wheel mounted loosely upon a carrying-axle of the machine, and provided with a boss upon each side. A flanged drum is mounted upon the axle upon each side of the sprocket-wheel, and is recessed to receive a boss of the said wheel at one end, and recessed at the other end to receive a collar fixed to the axle. Spring-operated pins lock the sprocket-wheel and the collar to the drum. The sprocket-wheel is rotated by any suitable means, and rotates the drum to which it is locked. The other drum is left free to rotate by withdrawing its locking-pins against the pressure of their springs until a feather secured to the side of the pins is free to rest upon the bottom of a recess formed around the pin-hole. By turning the pins round for a short distance the pins are held out of engagement by the feather resting on the bottom of the recess. The head-line is attached to one drum and the tail-line to the other. While the line on the locked drum is being wound in, the line attached to the other drum is paid out. The sprocket-wheel of the self-propelling mechanism is preferably driven by a sprocket-chain and sprocket-pinion, which are operated by a worm-wheel secured upon the shaft of the sprocket-pinion, and a worm secured upon the lower end of the vertical propelling-shaft. The self-propelling mechanism is provided with a friction-clutch, whereby undue strain is obviated. The picks at the lower end of the ladder are mounted upon a shaft carried in arms pivoted upon the shaft of the lower tumbler, and are made to revolve in a direction opposite to that of the said tumbler, preferably by a sprocket-wheel secured upon the tumbler-shaft, another sprocket-wheel secured upon the shaft of the picks, and a crossed sprocket-chain connecting the two sprocket-wheels. The arms and the picks may be adjusted, thrown forward, or drawn backward, with a circular motion by chains wound around a spindle mounted in bearings attached to the bucket-ladder. When desired a spindle is held from revolving by a ratchet-wheel secured to the spindle and a pawl pivoted upon the ladder, thus holding the picks in position for working in front of or above the ladder.

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

(Specification, 12s.; drawings, 6s.)

No. 18393.—1st September, 1904.—GEORGE ALFRED ABBOTT, of 486, Collins Street, Melbourne, Victoria, Australia, Plumber. Improvements in, or connected with, filters for water and other liquids.*

Claims.—(1.) In filters, a sleeve of suitable porous filtering-material as C placed around a porous or perforated cylinder as A, substantially as and for the purposes set forth. (2.) In filters, in combination, an internal filter candle, or body, an outer perforated or porous tube or frame, around which is stretched or laid a sleeve constructed of a suitable strainer medium, an outside casing and means for connecting the inlet and outlet of liquid, substantially as and for the purposes set forth. (3.) In filters, the combination and arrangement of the several parts, as shown on the drawings.

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

No. 18398.—3rd September, 1904.—ALICE MARY McDONALD, late of 1, Watson Street, Wellington, but now of Petone, New Zealand, Married Woman. A cabinet for preserving eggs in, by vapour.*

Claim.—A cabinet for preserving eggs by fumes, consisting of a case in which suitable trays, with slotted or perforated bottoms are placed, for holding the eggs, and means for the generation of fumes, substantially as described and as illustrated by drawings.

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

No. 18425.—5th September, 1904.—JAMES SHEPHERD, of Te Kinga, Greymouth, New Zealand, Engineer. Water-gauge for steam-boilers.*

Extract from Specification.—The leading feature of the invention is the use of mica by fitting preferably two panes of it into a tube, square, or oblong, or triangular, in cross section, one pane opposite the other, in manner more particularly described.

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

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

No. 18613.—19th October, 1904.—WILLIAM FRANCIS JOHNS, of Parnell, Auckland, New Zealand, School Teacher. Means for automatically operating the doors of lift or elevator wells.*

Claims.—(1.) In means for operating the doors of lift or elevator wells, the combination with a door mounted n vertical slides and counterbalanced by weights mounted in slides on each side of the well and connected to the door by flexible cords passing over pulleys fixed above the door, of spring-plates fastened to the back face of the door and the bottom ends of which normally project outwards from the face of the door, projecting pieces on the top corners of the elevator cage arranged to engage with the bottom ends of the spring-plates upon the door, and pins projecting outwards from the sides of the well with which the back faces of the spring-plates are adapted to engage when the door is raised to its full extent, substantially as specified. (2.) In means for operating the doors of lift or elevator wells in combination, vertical slides on each side of the well in which each door is mounted, counterweights mounted in slides, one on each side of the well, and connected to the door by cords passing over pulleys fixed above the door, a vertical slot in each counterweight, a two-armed lever pivoted within the slot in such a manner that one arm projects outwards from the surface thereof while the other hangs downwards and engages with the face of the slide in which the counterweight is mounted, projections upon the bottom front edge of the elevator-cage adapted to engage with the outwardly projecting arms of the levers and depressions in the faces of the slides near the bottom ends thereof, substantially as specified. (3.) In means for operating the doors of lift or elevator wells in combination, vertical slides on each side of the well in which each door is mounted, counterweights mounted in slides (one on each side of the well) and connected to the door by cords passing over pulleys fixed above the door-spring, plates secured against the back face of the door, the bottom ends of which normally press outwards, means for pressing the plates against the door when the door is fully raised, a two-armed lever pivoted in a vertical slot formed in each counterweight and having an arm normally projecting out from the face thereof while the other arm is in engagement with the face of the slide, depressions formed in the faces of the slides near the bottom ends thereof, and projections upon the front of the elevator at its top and bottom adapted to engage with the spring-plates upon the door and with the outwardly projecting arms of the levers pivoted in the counterweights, substantially as specified. (4.) The general arrangement, construction, and combination of parts in my means for automatically operating the doors of lift or elevator wells, substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 18652.—21st October, 1904.—ALEXANDER McCOLL, of Onehunga, Auckland, New Zealand, Company Manager. Improvements in mechanism for rectifying defects in and repairing timber veneer.*

Claim.—In combination, the mechanism specified, consisting of a die fitted to or forming part with a plate, said plate screw-bolted to an upper plate, being the shoe-plate of a semi-solid piece, said semi-solid piece fitted within the lower part of a top drum or holder and being slotted to allow inner end of screw to movably fit in said slot, said semi-solid piece held to said top drum or holder by said screw, said top-drum or holder fitted to and working on a screw fixed to a horizontal wheel, an inner rod fitted to an upright and holding a plate within and near cutting-edge of said die, an outer rod fixed to a band and holding a ring on outer side of said die and near to cutting-edge thereof, top plate carrying said top drum and other parts above claimed, bottom plate carrying bottom-drum plate and block, said plate and block and frame carrying said above parts of mechanism claimed for the purpose set forth, substantially as described and illustrated.

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

No. 18666.—28th October, 1904.—NIELS NIELSEN, of Wellington, New Zealand, Builder. Improvements in blocks for building purposes.*

[NOTE.—The title in this case has been altered. See list of Provisional Specifications, *Gazette* No. 91, of the 10th November, 1904.]

Claims.—(1.) The block for employment in stone walls having therein regular cavities, constructed as illustrated in Figs. 1, 2, and 3 of drawings with a long and short section at right angles to each other, and provided with niches *a* and grooves *b*, substantially as illustrated and described. (2.) The employment in walls and buildings of stone of solid blocks constructed as illustrated in Fig. 3 of said drawings, to form external and internal courses or divisions of said wall without direct connection between said courses or divisions as illustrated in Figs. 1 and 2 of said drawings, substantially as illustrated and described. (3.) The employment in the erection of double-chimney shafts of blocks as illustrated at *j*, *k*, *l*, in Figs. 12 and 13 of said drawings, laid and bonded as described, substantially as illustrated and described. (4.) The employment in the erection of single-chimney shafts of the blocks illustrated at *k*, *k*, in Figs. 12 and 13 of said drawings, laid and bonded as described, substantially as illustrated and described.

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

No. 18737.—18th July, 1904.—JOSEPH WARRY, of 23, Duchess Road, Edgbaston, Birmingham, England, Manufacturer, and PERCY WIGLEY, of 121, Colmore Row, Birmingham, aforesaid, Consulting Engineer. Improvements in inverted incandescent-gas burners.*

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

[NOTE.—The title in this case has been altered. (See list of provisional specifications, Gazette No. 95, of the 24th November, 1904.]

Extract from Specification.—The elements constituting our improved inverted incandescent burner are as follows: A, the gas-injecting apparatus; B, the mixing-chamber; C, a wire-gauze cap at the end of the gas-injecting apparatus; D, a burner forming a downward continuation of the mixing-chamber; E, a deflector; F, a regenerator chamber; G, a tubular guard; H, a converger.

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

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

No. 18742.—15th November, 1904.—ALFRED SCHERER, of Mangatoki, Taranaki, New Zealand. An attachment to hand seed-drill cultivator to sow artificial manure continuous with seed sown.*

Extract from Specification.—In carrying out the invention, a drum adapted to hold the manure is mounted on a horizontal axis in a frame attached to the cultivator. This drum is provided with adjustable openings in its periphery, and is so mounted that its peripheral face at both ends shall be in frictional contact with the peripheries of the running

wheels of the cultivator so as thus to be revolved in its bearings as the machine is moved along. A narrow chute or conveyor encircles the lower portion of the drum at a point beneath the holes in its side. This conveyor is formed with a spout-shaped mouth that enters a hole formed in the top of the seed-sower. Manure passing through the holes in the drum will then gravitate down the chute conveyor and will pass into the seed-sower and mingle with the seed fed into it from the seed-box so as to fall with such seed into the drill.

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

(Specification, 4s.; drawing, 2s.)

No. 18787.—22nd November, 1904.—ALEXANDER FAIRBAIRN GIBSON, of Caroline Bay, Timaru, New Zealand. Worsted-spinner. A machine for washing flax fibre.*

Claim.—A drum running in water, with means for holding fibre to drum, and roller-pressing the fibre against the said drum, substantially as described, and shown in the drawing.

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

No. 18955.—10th January, 1905.—JOHN STRATHERN, of Auckland, New Zealand, Agent (nominee of Walter Moorcraft, of Coromandel, Auckland, New Zealand, Mine-manager). An automatic water-power winding-appliance for mining purposes.*

NOTE.—The title in this case has been altered, see list of provisional specifications, *Gazette* No. 11, of the 9th February, 1905.

Extract from Specification—This invention is an appliance adapted for winding purposes in mining and other operations by water-power, as is indicated. The winding is obtained by tanks being loaded with water, and so weighted to run down an inclined tramway, and unwatered at a lower point on the tramway, whereby the cages are drawn up and lowered down the mine or other shaft as is more particularly specified.

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

(Specification, 7s.; drawings, 5s.)

No. 19223.—20th March, 1905.—WILLIAM STOKES, Junior, of Manchester Street, Christchurch, New Zealand, Cycle Engineer, and JOSEPH HENRY SUCKLING, of Worcester Street, Linwood, Christchurch aforesaid, Pattern-maker. An improved motor.*

Claims.—(1.) For the purpose indicated, in combination, a central chamber having bearings, a double crank-shaft mounted in the bearings, cylinders secured one on each side of the chamber, a piston fitting each cylinder, and connecting-rods coupling the pistons to the crank-shaft, and electric means for firing a charge in each cylinder simultaneously, whereby an impulse is imparted to both pistons at one and the same time, substantially as set forth. (2.) For the purpose indicated, the combination and arrangement of parts comprising the improved motor, substantially as and for the purpose specified and illustrated in the drawing.

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

No. 19253.—24th March, 1905.—JOHN HENRY JACKSON, Junior, of Dannevirke, New Zealand, Bootmaker. An improvement in boots.*

Claims.—(1.) A boot having the lower part of its opening in front of the upper secured by a lace, and its upper part fastened by means of a flap on one side of the opening, there being button-holes in the flap, and by buttons upon the other side of the upper corresponding to the button-holes, substantially as set forth. (2.) The combination and arrangement of parts comprising the improvement in boots, substantially as and for the purposes set forth and illustrated on the drawing.

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

No. 19509.—25th May, 1905.—GODFREY PENTERFYN HUGHES, of 82 William Street, Melbourne, Victoria, Australia, Inventor. Wood-splitter.*

Claims.—(1.) In wood-splitting devices, one or more blades of metal, the section or sections of which taper to upwardly pointing edge or edges and so arranged that upon a piece of wood being placed upon such edge or edges and a blow given to said wood, the latter will be split into pieces, substantially and as for the purposes set forth. (2.) In wood-splitting devices, a block of metal having vertically arranged tapering members, said members terminating in a sharpened edge at their tops, and means for securing the base of the said block to the floor, substantially as and for the purposes set forth. (3.) In wood-splitting devices, a block of metal having vertically-arranged tapering members, one of which is wider than the others, said members terminating in a sharpened edge at their tops, and means for securing or fastening the base of the said block to the floor on which it rests.

Specification, 3s; drawing, 1s.

No. 19603.—16th June, 1905.—ROBERT MARK AITKEN, of Reefton, New Zealand, Metallurgist. The elimination and extraction of antimony and arsenic from ores, concentrates and tailings containing the same, by means of the caustic alkalies (potash and soda).

Claim.—The elimination and extraction of antimony and arsenic from ores, concentrates, and tailings containing the same, by means of the caustic alkalies (potash and soda). The treatment which the invention applies is not one having in view merely the acid neutralisation of the tailings.

(Specification, 2s. 6d.)

No. 19711.—13th July, 1905.—CHARLES EUGEN LANCELOT BROWN, of Baden, Switzerland, Engineer. Improvement in the propulsion of vessels.

Extract from Specification.—According to the invention the propeller-shaft, or a plurality of propeller-shafts, is, or are, provided with a turbine or turbines in the usual manner, and on the shaft, or on each shaft, or one or more of the shafts, an electro-motor is, or electro-motors are, mounted. One or more dynamos situated in the engine-room or other convenient part of the vessel and operated by one or more steam-turbines or other steam-engines supply electric current for the electro-motor or motors when required.

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

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

No. 19712.—13th July, 1905.—EDWARD ALBERT WOOD, of 100, Aston Road, Birmingham, England, Manufacturer. Improvements relating to incandescent-gas lighting.

Claims.—(1.) A holder for an inverted incandescent-gas mantle consisting of a ring or annular body-part, having internal and external radial lugs, formed integrally with and projecting directly from the said body-part, and adapted respectively for the support of the holder by the central stem of a burner, or a slotted embracing collar or like part of the burner, substantially as described. (2.) A holder for an inverted incandescent-gas mantle, consisting of a ring or annular body-part, internal radial lugs having lateral flange pieces formed on their underside, and external radial lugs, both the said internal and external radial lugs being formed integrally with and arranged to project directly from the said body-part, substantially as and for the purpose described. (3.) Holders for inverted incandescent-gas mantles constructed substantially as and for the purpose described, and as illustrated.

(Specification, 4s.; drawing, 2s.)

No. 19713.—13th July, 1905.—The Honourable CHARLES ALGERNON PARSONS, of Heaton Works, Newcastle-on-Tyne, England, Engineer. Improvements in and relating to controlling means for valves.

Claims.—(1.) An automatic non-return valve having a controlling motor adapted to close the valve against pressure when desired, substantially as described. (2.) In a valve as claimed in claim 1, a dash pot cylinder *m* arranged to retard the action of the controlling motor, and to provide an increased retarding force near the end of the valve-travel, so as to prevent violent impact between the valve and its seat. (3.) In a valve as claimed in claim 1, means, such as studs *r*, and nuts *y*, for holding the valve in a closed position against pressure independently of the controlling motor. (4.) The improved form of valve-controlling means described with reference to the drawings.

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

No. 19714.—13th July, 1905.—The Honourable CHARLES ALGERNON PARSONS, of Heaton Works, Newcastle-on-Tyne, England, Engineer. Improvements in and relating to valves of the piston type.

Claims.—(1.) A valve having two rings of ports arranged to be opened and closed by a sliding-piston characterized by conical or other valve-faces adapted in the extreme position of the piston to prevent leakage to the ring of ports which it is desired to retain closed. (2.) A manœuvring valve of the piston type, substantially as described with reference to the drawings.

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

No. 19726.—13th July, 1905.—JAMES PALMER CAMPBELL, of Wellington, New Zealand, Solicitor (nominee of Rudolf Braun, of Westinghouse Works, Trafford Park, Manchester, England, Electrical Engineer). Improvements in magnetic brakes for railway and other vehicles.

Claims.—(1.) A magnetic brake, for railway and other vehicles, of the kind described, in which the shoes forming the poles of the electro-magnet extend side by side along the length of the rail or wheel whereby the reluctance of the magnetic circuit exterior to the magnet is reduced. (2.) A magnetic brake having shoes located side by side along the length of the rail in which the magnet core is constructed, and energised by a coil or coils, substantially in the manner described with reference to any of the forms illustrated in the drawings.

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

No. 19744.—17th July, 1905.—ROBERT HAYLOCK OWEN, of Wellington, New Zealand, Lieutenant-Colonel of New Zealand Militia. An improved appliance for use in ascertaining distances or altitudes, the same being particulary applicable for use in range-finding.

Claims.—(1.) In appliances for use in ascertaining distances and altitudes, a pair of mirrors mounted in a vertical condition upon a base-plate and the reflecting-surfaces of which are adjustable in regard to the horizontal angle between them, an arm pivoted upon the base-plate and extending longitudinally along its top face, and adapted to turn one of the mirrors in a horizontal plane when it is moved, a pointer operated by the free end of the pivoted arm, scale markings of a direct ratio between a measured base and the cotangent of a right angled triangle, over which the pointer passes, and a sight at the back end of the base-plate in a line with the centre line thereof, substantially as specified. (2.) In appliances for use in ascertaining distances or altitudes, a base-plate the back end of which is provided with a sight in a line with the centre line thereof, an arm pivoted upon the top face of the base-plate at its fore end and extending to the back end thereof, a pointer operated by the free end of such arm, scale markings over which the pointer passes, a mirror held in a vertical condition upon the pivoted end of the arm and facing towards the back end thereof, a plate pivoted to the base-plate, a second mirror carried in a vertical condition upon such plate, and means whereby the reflecting-faces of the two mirrors may be made parallel, or caused to assume any desired angle to each other, substantially as specified. (3.) In appliances for use in ascertaining distances or altitudes, a base-plate the back end of which is provided with a sight, an arm pivoted on the top face of the base-plate at its fore end and extending to its back end, means whereby such arm may be moved in either direction, a mirror supported in a vertical position upon the fore end of the arm, and capable of being adjusted to any angle with regard to the centre line thereof, a plate pivoted to the fore end of the base-plate, a second mirror carried upon such plate and capable of being adjusted to any angle with regard thereto, a pointer connected to the free end of the pivoted arm and adapted to be operated thereby, and scale markings upon the appliance over which the pointer passes, substantially as specified. (4.) The appliance for use in ascertaining distances or altitudes, substantially as described and explained, and as illustrated in Figs. 1, 2, and 3 of the drawings. (5.) The appliance for use in ascertaining distances or altitudes substantially as described and explained, and as illustrated in Figs. 4, 5, and 6 of the drawings.

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

No. 19746.—13th July, 1905.—WILLIAM COYLE, of Devonport, near Auckland, New Zealand, Retired Captain Imperial Service, HERBERT GENTLES, of Auckland aforesaid, Merchant, and JOHN MANNERS MORRAN, of Auckland aforesaid, Manufacturer. An automatic safety-pin.

Extract from Specification.—This result is obtained particulary by a loop in the slide being made to engage a catch in the pin and thereby hold the point of the same within the grab, the action and character of which, together with the other parts of the invention, are more fully described.

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

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

No. 19750.—18th July, 1905.—JOHN LEWIS WEAVER, of Boise, Idaho, United States of America, Manufacturer. Improvements in and relating to method of, and apparatus for, placer-mining.

Extract from Specification.—In my improved apparatus I employ a rotary screen or "grizzly" of improved construction, in which the coarser particles of rock, sand, and metalliferous earth are separated and removed, and the finer particles which have passed through the screen are treated in an amalgamating tank or receptacle of approximately V-shape in cross section. The water supply-pipe is located at the bottom of the tank, and is supplied with a plurality of jet-nozzles having parallel contracting-passages inclined from the perpendicular, and parallel elongated discharge openings, and having their discharge ends inclined towards the delivery end of the tank. Each jet-nozzle projects upwardly through the body of earth-laden water two diverging flat or sheet-like jets or streams of water, which rise through the earth-laden water in the tank upon each side of the transverse centre of the tank, diverging outwardly towards the sides of the tank as they approach the surface of the body of earth-laden water; and then curve outwardly and downwardly along the inclined sides of the tank, imparting to the contents of the tank a regular, gyratory, rolling, or wave-like motion in separate columns on each side of the transverse centre of the tank, which continues over the amalgamating-plates which are supported upon the sides of the tank. These upwardly, outwardly, and downwardly curving sheets or flat jets of water from the nozzles are also inclined towards the delivery end of the tank, which cause the moving, rolling waves of earth-laden water to assume a spiral movement, which continues from the feed end to the delivery end of the tank, each succeeding jet taking up the movement where the preceding jets loses its propulsive force, thus augmenting and continuing the rolling spiral movement of the earth-laden water from end to end of the tank, thereby effectively maintaining the earth in suspension in the water, so as to prevent gravitation to the bottom of the tank, and moving a very large proportion, if not all, of the particles of free gold and other precious metals into contact with the amalgamating plates, which attract and hold them. The inclined sides of the V-shaped tank or receptacle are covered with overlapping series of amalgamating-plates coated in the usnal manner with quicksilver. These plates may be the ordinary flat plates used in the art, or they may be formed with rectangular pockets in their lower ends to collect and save any surplus amalgam which falls from the plates, and also any particles of the amalgamated metals which become dislodged from the plates.

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

(Specification, 11s.; drawing, 7s.)

No. 19758.—19th July, 1905.—HENRY JOHN LLOYD, of Waimarino, Palmerston North, Wellington, New Zealand, Settler. An improved daylight-reflector for lighting the interior of rooms and the like.

Claims.—(1.) A daylight-reflector, comprising in combination a frame provided with grooves, sheets of not-readily oxydizable metal having polished surfaces carried within said grooves, and sheets of glass carried in said grooves above the metal sheets, substantially as specified. (2.) A daylight-reflector, consisting of the parts constructed, arranged, combined, and operating substantially as specified, and as illustrated in the drawing.

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

No. 19760.—20th July, 1905.—JAMES ROBINSON HATMAKER, of No. 25, Rue de la Faisanderie, Paris, France, Gentleman. Improvements in milk foods.

Claims.—(1.) The described dry product, composed of milk solids and oleo fat, produced by drying rapidly as indicated emulsions of partially or wholly separated milk and oleo fat. (2.) The described dry product, composed of milk solids and cotton-seed oil, produced by drying rapidly as indicated emulsions of partially or wholly separated milk and cotton-seed oil. (3.) The described products, composed of milk solids and a suitable fat or oil such as oleo fat

or cotton-seed oil. (4.) The dry products obtained by drying milk from which the butter-fat has been partially or wholly removed, and with which a suitable fat such as oleo fat or a suitable oil such as cotton-seed oil has been emulsified. (5.) The dry products obtained by drying milk from which the butter-fat has been partially or wholly removed, and with which a suitable fat or oil, such as oleo fat or cotton-seed oil, has been emulsified, and to which other substances have been added. (6.) The process of producing compounds of milk solids and suitable fats or oils, which consists in emulsifying such fats or oils with partially or wholly separated milk, and in then drying the said mixture rapidly by suitably exposing it to a high temperature, substantially as indicated.

(Specification, 2s.)

No. 19780.—21st July, 1905.—JOHN HERCUS, Agent, WILLIAM MORTON, Mechanical Engineer, and FREDERICK WILLIAM BARTON, Gardener, all of Dunedin, New Zealand. Improved lining, lumber, and flooring cramp.

Claims.—(1.) In cramps designed to tighten or cramp up lining, lumber, flooring, and the like, when nailed or secured to such as studs or joists, in combination, a clip for securing the cramp to the desired part of the stud or joist while pressure is being applied to the boarding to be cramped up, with the toggle-joint and foot for giving said pressure, all substantially as described and explained, and as illustrated in the drawing. (2.) In cramps for covering studs or joists with matched boarding, lumber, or the like, in combination, a toggle-jointed appliance, one arm extended to form a convenient handle, with a clip to temporarily secure the whole in the required position, and both the clip and the foot being made to be packed or shod, substantially for the purposes set forth, and as described and as shown on the drawing.

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

No. 19784.—22nd July, 1905.—FRANK PALLISER, of Timaru, New Zealand, Contractor. Improvements relating to septic tanks.

Claims.—(1.) The general arrangement, construction, and combination of parts constituting my improvements in septic tanks, substantially as described and explained. (2.) In septic tanks, an intake-pipe so placed therein that the septic material shall be delivered upon the surface of the material already in the tank, and a tongue in the mouth of the pipe, as and for the purposes specified. (3.) In septic tanks, an intake-pipe so placed therein that the septic material shall be delivered upon the surface of the material already in the tank, in combination with a downwardly depending tongue in the mouth of such pipe, a manhole cover in which are vents for conveying fresh air to the chamber, a branch upon the intake-pipe that extends upwards into and is open to the air, and means for conveying the comparatively pure water from the septic chamber to the filter, as specified and set forth. (4.) A filter for dealing with the comparatively pure water as it issues from the septic chamber, in which are three compartments that are filled or partly filled with loose shingle, a grating in the first compartment immediately under the mouth of the septic tank discharge-pipe, and a filter discharge pipe in the wall near the floor of the compartment furthest from the septic tank, as specified and shown.

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

No. 19786.—20th July, 1905.—LEWIS ROSE GILLANDERS, of Ravensbourne, New Zealand, Mechanical Engineer and Draughtsman. An hydraulic motor for obtaining power from rivers.

Claim.—The combination of one, two, or more pairs of bucket-frames containing any number of fixed buckets, together with the arrangement of connecting-rods, cranks, shafts, framing, and pontoons, combined as aforesaid, and adapted to obtain a maximum of power from rivers.

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

No. 19792.—26th July, 1905.—GEORGE MCINTOSH SCOTT, of Dunedin, New Zealand, Manufacturer. Improvements in sash-hangers.

Claims.—(1.) The general construction, arrangement, and combination of parts composing my improvements in sash-hangers, all substantially as and for the purposes set forth. (2.) In a sash-hanger such as described, means for locking the pinion in any desired position, such as is described and illustrated in Fig. 2 of the drawings. (3.) In a sash-hanger, such as is described, a spring actuated roller, such as is described and illustrated in Figs. 3 and 4 of the drawings and for the purposes set forth.

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

No. 19796.—27th July, 1905.—WILLIAM MIDDLETON, Engineer, and HERVIC NUGENT GRAHAME COBBE, Metallurgist, both of Kalgoorlie, Western Australia. Improved peripheral construction of grinding-faces, principally for pans.

Claims.—(1.) Forming the peripheral faces of grinding-surfaces with ribs, serrations, or projections, substantially as and for the purposes set forth and described, and as illustrated in Figs. 1 to 4 of the drawings. (2.) Forming the peripheral faces of grinding-surfaces with non-continuous or spaced-out ribs, serrations, or projections, substantially as and for the purposes set forth and described, and as shown in Fig. 5 of the drawings.

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

No. 19808.—29th July, 1905.—CHARLES MAYES GRAHAM, of 223, Leith Street, Dunedin, New Zealand, Engineer. Improved apparatus for employment in connection with register-grates.

Claims.—(1.) The combination with a fire-grate of an adjustable plate hinged to the top of the grate and arranged to be suspended at an angle or vertically in relation to the grate, substantially as and for the purposes specified and illustrated in the drawing. (2.) The combination with a fire-grate of an adjustable plate hinged to the top of the grate and arranged to be suspended at an angle or vertically in relation to the grate, apertures in said plate, and a disc having corresponding apertures revolvably mounted upon the plate for the purpose of regulating the size of the apertures in the plate, substantially as specified. (3.) The combination with a fire-grate of an adjustable plate hinged to the top of the grate and arranged to be suspended at an angle or vertically in relation to the grate, a shutter hinged to the bottom of said plate and adapted to be folded upwardly against it or to be allowed to depend downward in front of the grate-bars, substantially as and for the purposes specified, and as illustrated in the drawing. (4.) The combination with a fire-grate of a clamp-bracket clamped upon the hood or upper part of said grate, a plate hinged upon said clamp, said plate being suspended in such manner that its angle may be adjusted in relation to the grate, substantially as and for the purposes specified and as illustrated in the drawing.

(Specification, 2s.; 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 accepted.

Patent Office,
Wellington, 22nd August, 1905.

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

No. 19710.—D. Charleston, puncture-sealing compound.
No. 19751.—A. and G. A. Harrowby, wire-wove mattresses.
No. 19787.—J. F. Bentley, combination chair, lounge, and bed.
No. 19800.—G. J. Brown and E. Toms, sheet-metal-working machinery.
No. 19812.—D. T. McPhedran, fixing shoes on traction-engines.
No. 19822.—R. Crawshaw, fire-lighter.
No. 19823.—C. J. Waugh, steam or water valve.
No. 19844.—G. E. White, corset.
No. 19845.—C. Miller, electro-magnetic apparatus for playing games.
No. 19851.—J. Bell, boot-repairing jack.
No. 19852.—E. J. Rigby, pneumatic hammer rock-drill.
No. 19860.—E. A. G. Hamlin, headstall.
No. 19869.—J. Macalister, ridging-machine.

No. 19870.—D. Finnane, cake and spoon rest.
No. 19872.—E. S. Baldwin and H. H. Rayward, conductor-tube for seed-sower. (C. Bristow.)
No. 19875.—R. R. Douglas, dredge-bucket link.
No. 19878.—J. J. Neugeschwender, securing child in go-cart.
No. 19880.—C. N. Collison, manufacture of carbon dioxide. (J. C. Stead.)
No. 19881.—H. Airey, mercury-separator from amalgam.
No. 19884.—N. I. Gooder and R. Tait, jun., photographing stationary or moving objects.
No. 19885.—H. G. Scott, acetylene-gas generation.
No. 19886.—H. Quertier, trolley-wheel.
No. 19888.—J. Frame, motor.
No. 19889.—S. F. Womersley, butter weigher and packer.
No. 19895.—J. McMaster, safety-mouth for flax-scutcher.

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 10th August to the 23rd August, 1905, inclusive:—

No. 17821.—T. Kendrick, spring hand-truck.
No. 17859.—J. Jamison, sash adjuster and fastener.
No. 17879.—J. D. Douglas, dredging-machine for kaurigum.
No. 17880.—J. Jamison, lift door.
No. 17900.—B. F. Dunn, river-bottom scouring.
No. 17930.—J. Jamison, reading-desk and table.
No. 17961.—E. S. Baldwin and H. H. Rayward, water-gas production (Power and Mining Machinery Co.—B. Loomis and H. Pettibone).
No. 18186.—A. J. Gilsenan, acetylene-gas generator.
No. 18234.—E. F. B. Kenyon, potato-peeler.
No. 18278.—A. Prior, box.
No. 18305.—F. W. Grocke, spring fire-tongs.
No. 18601.—A. L. J. Tait, flax treatment.
No. 18885.—E. R. Smith, shaft-bearing.
No. 19242.—H. Garner, vehicle-wheel tire.
No. 19290.—J. Haselden, building-ventilator.
No. 19302.—F. McPhee, foot-support for bed.
No. 19303.—A. Glas, milk powder.
No. 19316.—F. Lyst, internal combustion engine.
No. 19317.—H. W. Chinnery, displaying advertisements.
No. 19338.—W. Little, cooking-appliance.
No. 19342.—C. E. Bernays, bogey car.
No. 19358.—F. F. Bourdil, microphone.
No. 19392.—S. E. Tooby, ointment (B. Tooby).
No. 19445.—G. E. Humphries, scaffolding-bracket.

F. WALDEGRAVE,
Registrar

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

NO. 13906.—J. MacLean, horse-cover. 14th August, 1905.
No. 13911.—R. Nicholls, fire-escape. 11th August, 1905.
No. 13917.—E. R. Atkin, vehicle-seat. 15th August, 1905.
No. 14026.—W. Aggers, easy-chair. 11th August, 1905.
No. 15414.—Linotype and Machinery, Limited, printing in gold powder (The Linotype Company, Limited—T. Hooley). 14th August, 1905.

THIRD-TERM FEE.

No. 11030.—C. C. Worthington, steam-engine. 17th August, 1905.

F. WALDEGRAVE,
Registrar.

Subsequent Proprietors of Letters Patent Registered.

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

NO. 15940.—Universal Fiber Company, a corporation organized and existing in and under the laws of the State of Maine, United States of America, having an office at Augusta, Maine, and also having an office and place of business at Chicago, Illinois, United States of America. Breaking and cleaning fibrous material. [W. A. and A. M. Shely.] 14th August, 1905.

No. 17165.—John Anderson and James Dewar Hunter, both of Dunedin, Otago, New Zealand, Brass Founders, trading together under the firm or style of "J. Anderson and Co." Tare beam scales. [W. Riddell.] 14th August, 1905.
No. 18003.—Edward Francis Black of Dunedin, in the Provincial District of Otago, in the Colony of New Zealand, Insurance Agent, *registered as proprietor of the interest of T. G. Haigh.* Laundry-iron stand and cloth-gripper. [C. H. Black and T. G. Haigh.] 14th August, 1905.
No. 18406.—The Hallé Spring Wheel Syndicate Limited, of 5 and 6, Great Winchester Street, London, England. Vehicle wheel. [C. R. S. J. Hallé.] 22nd August, 1905.

F. WALDEGRAVE,
Registrar.

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 10th August to the 23rd August, 1905, inclusive:—

No. 18580.—J. Fisher, jun., faucet.
No. 18581.—E. J. Thwaites, valve for automatic piano-player.
No. 18582.—F. J. Glass and A. E. Woodhead, Diggers' boot shield.
No. 18587.—F. T. Paten, slag production for mineral wool.
No. 18588.—R. McGregor, twitch cutter and harrow.
No. 18589.—F. Stowell, sash-fastener.
No. 18590.—J. W. McLeod, gold-saving apparatus.
No. 18591.—F. H. Andrews, pithing-spear.
No. 18592.—H. C. Henderson, steam-turbine.
No. 18595.—H. H. Gilshnan, hay-knife.
No. 18596.—H. Munro, vehicle mud-guard.
No. 18606.—F. E. Newth, match lining cramp.
No. 18607.—T. W. Potts, bicycle stand.
No. 18609.—R. C. Torrance and J. Cowie, ball-testing appliance.
No. 18616.—W. H. Terry, window-sash.
No. 18617.—W. Moses, Californian thistle exterminator.
No. 18618.—E. E. Porter, turnip and rape feed.
No. 18620.—G. B. H. Austin, traversing ladder and frame.
No. 18622.—S. J. Emery, collar and hames.
No. 18627.—J. Collins, envelope, memo., and statement form.
No. 18634.—J. C. C. Read, petroleum burner.
No. 18639.—W. H. D. Schmidt, boot-sole protector.
No. 18641.—D. C. Macdonald, drying and bleaching flax.
No. 18653.—A. Burt, self-closing tap.
No. 18645.—J. Dunbar, rake.
No. 18646.—H. Mittchell, lead-pencil.
No. 18650.—P. Cairns, centre for invert and arching work.
No. 18653.—N. H. Whisker and A. Smart, jun., box for heating blankets, &c.

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 10th August to the 23rd August, 1905, inclusive:—

No. 17901.—A. Grainger, weed-destroyer.
No. 17904.—J. S. Keith, J. Hutcheson, and T. Wilson snatch-block (W. S. Hutcheson).
No. 17908.—J. Coop, traversing-feeder for sheep-dip.
No. 17913.—E. G. F. Zohrab and W. E. Greig, paper-bag (J. Laird and Sons—N. Laird).

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent lapsed.

LIST of applications lapsed owing to Letters Patent not being sealed, from the 10th August to the 23rd August, 1905, inclusive:—

No. 17530.—J. Hope and W. Butcher, necktie-fastener.
No. 17542.—O. H. Drewet, hat-pin.
No. 17559.—G. G. Sutherland and A. G. Brett, mustache spoon.

F. WALDEGRAVE,
Registrar.

Letters Patent void.

LETTERS Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 10th August, 1905, to the 23rd August, 1905, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 13608.—O. Andrews, milk-can.
No. 13611.—R. H. Carter, axe head and handle.
No. 13617.—A. I. Joseph, cowl.
No. 13618.—H. F. Band, tool for clamping wires.
No. 13621.—D. Pihl, branding meat-bags.
No. 13625.—J. Bremner, door-jamb.
No. 13636.—C. L. Pullman, ventilation.
No. 13639.—J. Carter, collar and cuff fastening.
No. 13640.—P. H. Reardon, rock-drill engine.
No. 13641.—P. H. Reardon, rock-drill attachment.
No. 13642.—H. Maiden and J. Coutts, shear-legs.
No. 13643.—G. Mackenzie, bath.
No. 14146.—H. P. Rasmussen and W. Hagerty, hub for cycle wheel.
No. 14648.—H. Smith, decorating wood-work.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 10583.—J. Farley, earthenware pipe-joint.
No. 10593.—B. C. Pole, motive-power engine.
No. 10594.—Metallurgische Gesellschaft, magnetic separator. (J. P. Wetherill.)
No. 10596.—Dr. D. Finkler, extraction of albuminous substances from animal products.
No. 10610.—J. S. Laurie and E. L. Clark, brickmaking-table.
No. 10613.—J. S. Allen, rain-water filter.

THROUGH EXPIRY OF TERM.

Nil.

F. WALDEGRAVE,
Registrar.

Designs registered.

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

No. 238.—Thomas Rutledge Alexander, of Christchurch, New Zealand, Engineer. Class 1. 8th August, 1905.
No. 239.—H. E. Shacklock, Limited, of Princes Street, Dunedin, New Zealand. Class 1. 10th August, 1905.

F. WALDEGRAVE,
Registrar.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 23rd August, 1905.

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: 5273.

Date: 5th May, 1905.

TRADE MARK.

The essential particulars of this trade mark are the combination of devices and the word "Ant"; and any right to the exclusive use of the words "Trade Mark Registered" is disclaimed.

NAME.

PAUL BOCK, of Auckland, New Zealand.

No. of class: 2.

Description of goods: Vermin-destroyers.

B

No. of application: 5274.

Date: 5th May, 1905.

TRADE MARK.

The essential particular of this trade mark is the combination of devices; and any right to the exclusive use of the words "Trade Mark Registered" is disclaimed.

NAME.

PAUL BOCK, of Auckland, New Zealand.

No. of class: 50.

Description of goods: Furniture, leather, and linoleum reviver, plate and metal polishes (liquid and powder), mending compositions, such as cement and the like.

No. of application: 5313.

Date: 30th May, 1905.

TRADE MARK.

The words

LE BEAU.

NAME.

JAMES HARKER, of Milton, Otago, New Zealand, Agent.

No. of class: 47.

Description of goods: All articles included in Class 47.

NOTE.—Class 47 is for "Candles; common soap; detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes, such as washing-powders, benzine."

No. of application: 5401.

Date: 20th July, 1905.

TRADE MARK.

The essential particulars of this trade mark are the distinctive label and words "Wee MacGreegor"; and applicants disclaim any right to the exclusive use of the added matter, except their name.

NAME.

JAMES HENDERSON AND SONS, of Paddington, Sydney, New South Wales, Manufacturing-confectioners.

No. of class: 42.

Description of goods: Confectionery—viz., butterscotch.

No. of application: 5423.
Date: 31st July, 1905.

TRADE MARK.

NAME.

GERALD ROBERT MALING, of 141, Hereford Street, Christchurch, in the Colony of New Zealand, trading as "Maling and Dixon," Tea and General Merchants.

No. of class: 42.
Description of goods: Tea, coffee, cocoa.

No. of application: 5429.
Date: 3rd August, 1905.

TRADE MARK.

The essential particular of the trade mark is as follows: The distinctive label; and applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their name and address.

The applicants claim that the said trade mark has been used by them and their predecessors in respect of the article mentioned for twenty-four years before the 2nd day of September, 1889.

NAME.

J. H. HENKES' DISTILLERY (a company incorporated under the laws of Holland), of 95, Voorhaven, Rotterdam, Holland, Distillers.

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

No. of application: 5439.
Date: 8th August, 1905.

TRADE MARK.

The essential particulars of this trade mark are the combination of devices and the word "Imperial"; and applicants disclaim any right to the exclusive use of the added matter, except their name and address.

NAME.

SMITH AND CAUGHEY, LIMITED, of Queen Street, Auckland, in the Colony of New Zealand, Drapers, Clothiers, and House Furnishers.

No. of class: 38.
Description of goods: Ready-made clothing.

No. of application: 5440.
Date: 8th August, 1905.

TRADE MARK.

NAME.

EDWIN ALFRED BENTLEY, of Epsom, Auckland, in the Colony of New Zealand, Engineer.

No. of class: 3.

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

No. of application: 5441.
Date: 8th August, 1905.

TRADE MARK.

The word

Icilma

NAME.

THE ICILMA COMPANY, LIMITED, of 142, Gray's Inn Road, in the City of London, England, Dealers in Toilet Articles and Preparations.

No. of class: 48.

Description of goods: Perfumery, toilet articles, perfumed or toilet soap, and preparations for the teeth, skin, and hair.

No. of application: 5442.
Date: 9th August, 1905.

TRADE MARK.

The word

RESILIO.

NAME.

WHYBROW AND CO., of Stafford Street, Abbotsford, near Melbourne, in the State of Victoria, and Commonwealth of Australia, Boot and Shoe Manufacturers.

No. of class: 38.

Description of goods: Boots and shoes.

No. of application: 5443.
Date: 9th August, 1905.

TRADE MARK.

The word

FLEXO.

NAME.

WHYBROW AND CO., of Stafford Street, Abbotsford, near Melbourne, in the State of Victoria, and Commonwealth of Australia, Boot and Shoe Manufacturers.

No. of class: 38.

Description of goods: Boots and shoes.

No. of application: 5444.
Date: 9th August, 1905.

TRADE MARK

The word

CAMPAIGNER.

NAME.

R. AND J. HILL, LIMITED, of Nos. 175 to 177, Shoreditch, London, England, Manufacturers.

No. of class: 45.

Description of goods: Tobacco, cigars, and cigarettes,

No. of application: 5445.
Date: 9th August, 1905.

TRADE MARK.

The word

OCEANIC.

NAME.

R. AND J. HILL, LIMITED, of Nos. 175 to 177, Shoreditch London, England, Manufacturers.

No. of class: 45.

Description of goods: Tobacco, cigars, and cigarettes.

No. of application: 5446.
Date: 10th August, 1905.

TRADE MARK.

The Devonshire

The applicants claim that the said trade mark has been in use by them and their predecessors in business in respect of the articles mentioned since the 26th July, 1884.

NAME.

ROYCE, GASCOINE, AND CO., LIMITED, of Great Central Street, Leicester, England, Manufacturers.

No. of class: 38.

Description of goods: Boots and shoes.

No. of application: 5447.

Date: 10th August, 1905.

TRADE MARK.

The applicants claim that the said trade mark has been in use by them and their predecessors in business in respect of the articles mentioned since 7th May, 1879.

NAME.

ROYCE, GASCOINE, AND CO., LIMITED, of Great Central Street, Leicester, England, Manufacturers.

No. of class: 38.

Description of goods: Boots and shoes.

No. of application: 5449.

Date: 10th August, 1905.

TRADE MARK.

The words

EXCELSIOR BRAND.

NAME.

HAYWARD BROS. AND CO., LIMITED, of 171, Peterborough Street, Christchurch, New Zealand.

No. of class: 42.

Description of goods: Pickles, sauces, vinegar, cordials, chutney.

No. of application: 5450.

Date: 10th August, 1905.

TRADE MARK.

The words

KLAN BRAND.

NAME.

HAYWARD BROS. AND CO., LIMITED, of 171, Peterborough Street, Christchurch, New Zealand.

No. of class: 42.

Description of goods: Pickles, sauces, vinegar, baking-powder, cordials, chutney.

No. of application: 5452.

Date: 10th August, 1905.

TRADE MARK.

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

NAME.

WM. WRIGHT AND CO., LIMITED, of King Street, Dunedin, in the Colony of New Zealand, Coffee and Spice Merchants and Manufacturers.

No. of class: 42.

Description of goods: Coffee, called "Mikado" coffee.

No. of application: 5453.

Date: 11th August, 1905.

TRADE MARK.

The word

ANTASMA.

NAME.

LEON COHEN, trading as "Barraud and Son," of 2, Molesworth Street, Wellington, in the Colony of New Zealand, Chemist.

No. of class: 3.

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

No. of application: 5454.

Date: 11th August, 1905.

TRADE MARK.

The word

EXPULSION.

NAME.

HENRY WILLIAM DICKIE, of 41, Plymouth Street, Wanganui, in the Colony of New Zealand.

No. of class: 3.

Description of goods: Medicines.

No. of application: 5455.
Date: 14th August, 1905.

TRADE MARK.

PANSY.

NAME.

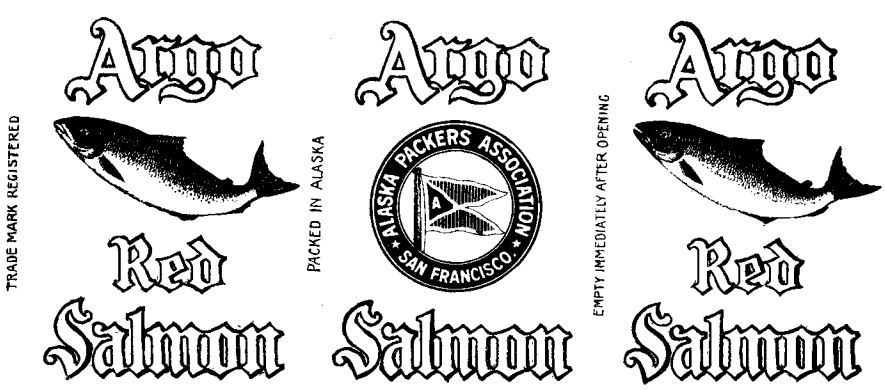
ALBERT ANDREW DAVIES and ERNEST BERTRAM DAVIES, trading as "A. and E. Davies," of Victoria Avenue, Wanganui, in the Colony of New Zealand.

No. of class: 3.

Description of goods: All chemical substances and articles prepared or manufactured by the applicants in medicine and pharmacy for sale by them in their business as chemists and druggists.

No. of application: 5457.
Date: 15th August, 1905.

TRADE MARK.



The essential particulars of this trade mark are the combination of devices, including the representation of the flag of the Alaska Packers Association and the word "Argo"; and any right to the exclusive use of added matter is disclaimed.

NAME.

ALASKA PACKERS ASSOCIATION, of San Francisco, California, United States of America.

No. of class: 42.

Description of goods: Red salmon.

No. of application: 5458.
Date: 17th August, 1905.

TRADE MARK.

The word

"PILOT."

NAME.

TURNER AND CO., of 110 and 116, Ridgway Street, Wanganui, in the Colony of New Zealand, Importers, Engineers and Electricians.

No. of class: 22.

Description of goods: Bicycles.

No. of application: 5460.
Date: 18th August, 1905.

TRADE MARK.

The word

"ENCHANTRESS."

The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned since 1885.

NAME.

ALLDAYS AND ONIONS PNEUMATIC ENGINEERING COMPANY, LIMITED, of Birmingham, England.

No. of class: 22.

Description of goods: Ladies' bicycles.

No. of application: 5461.
Date: 18th August, 1905.

TRADE MARK.

The word

"MATCHLESS."

The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned since 1885.

NAME.

ALLDAYS AND ONIONS PNEUMATIC ENGINEERING COMPANY, LIMITED, of Birmingham, England.

No. of class: 22.
Description of goods: Men's bicycles.

No. of application: 5463.
Date: 18th August, 1905.

TRADE MARK.

The word

FOSKO.

NAME.

JOHN STUART ROSS, trading as "Cook and Ross," of Christchurch, in the Colony of New Zealand, Chemists and Druggists.

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

No. of application: 5464.
Date: 18th August, 1905.

TRADE MARK.

The word

OXSIL.

NAME.

JOHN STUART ROSS, trading as "Cook and Ross," of Christchurch, in the Colony of New Zealand, Chemists and Druggists.

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

No. of application: 5465.
Date: 21st August, 1905.

TRADE MARK.

BALOG'S

FOUNTAIN PEN

„VICTORIA"

Perfection in Fountain Pens!

No separate Filler required!!

Does not blot!! Does not leak!

Each Pen guaranteed for 2 years!! ● Exchange of any Pen out of order within 2 years!!

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.

R. R. WOOLCOTT AND CO., of 430, Bourke Street, Melbourne, Victoria.

No. of class: 39.
Description of goods: Fountain pens.

No. application: 5466.
Date: 21st August, 1905.

TRADE MARK.

The word

"CONSOLARIS."

NAME.

PHILIPS AND PIKE, of Wellington, in the Colony of New Zealand, Merchants.

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

No. of application: 5467.
Date: 21st August, 1905.

TRADE MARK.

The word

"CONSOLARIS."

NAME.

PHILIPS AND PIKE, of Wellington, in the Colony of New Zealand, Merchants.

No. of class: 44.
Description of goods: Mineral and aerated waters, natural and artificial.

No. of application: 5468.
Date: 22nd August, 1905.

TRADE MARK.

The essential particulars of the trade mark are as follow: The pictorial device and the signature "Menier"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

SOCIÉTÉ MENIER, of 56, Rue de Chateaudun, Paris, France, Manufacturers.

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

No. of application: 5469.
Date: 22nd August, 1905.

TRADE MARK.

The word

ORCHID

NAME.

JAMES PEARSALL AND CO., of 71 and 72, Little Britain, London, England, Manufacturers.

No. of class: 30.
Description of goods: Silk (spun, thrown, or sewing).

No. of application: 5471.
Date: 22nd August, 1905.

TRADE MARK.

The applicant claims that the said trade mark has been in use by his firm in respect of the articles mentioned for twenty-four years before the 2nd day of September, 1889.

NAME.

GEORGE HERBERT BROWN, trading as "John S. Brown and Sons," of Royal Ulster Works, 12, Bedford Street, Belfast, Ireland, Manufacturers.

No. of class: 28.
Description of goods: All linen goods included in this class.

No. of application: 5472.
Date: 22nd August, 1905.

TRADE MARK.

The essential particulars of this trade mark are the words "Orange Meat," the device of half an orange, and the combination of devices; and any right to the exclusive use of the added matter is disclaimed.

NAME.

THE FRONTENAC CEREAL COMPANY, LIMITED, of Kingston, Canada, Manufacturers.

No. of class: 42.
Description of goods: A cereal food.

No. of application: 5473.
Date: 22nd August, 1905.

TRADE MARK.

The word

TELAC

NAME.

JOHN HENRY TUCKER, trading as "J. H. Tucker and Co.," of Victoria and Albert Works, Sampson Road North, in the City of Birmingham, England, Electrical Accessories Manufacturer.

No. of class: 13.
Description of goods: Metal fittings and accessories included in Class 13, and used in electrical engineering.

No. of application: 5474.
Date: 22nd August, 1905.

TRADE MARK.

The word

TELAC

NAME.

JOHN HENRY TUCKER, trading as "J. H. Tucker and Co.," of Victoria and Albert Works, Sampson Road North, in the City of Birmingham, England, Electrical Accessories Manufacturer.

No. of class: 16.

Description of goods: Pottery-ware fittings and accessories included in Class 16, and used in electrical engineering.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 9th August to the 22nd August, 1905, inclusive:—

No. 4163; 4825.—Beattie, Lang and Co.; Class 42. (*Gazette* No. 66, of the 4th August, 1904.)

No. 4164; 4826.—Beattie, Lang and Co.; Class 42. (*Gazette* No. 66, of the 4th August, 1904.)

No. 4165; 5052.—The Gutta-percha and Rubber Manufacturing Company of Toronto, Limited; Class 40. (*Gazette* No. 98, of the 8th December, 1904.)

No. 4166; 5053.—The Gutta-percha and Rubber Manufacturing Company of Toronto, Limited; Class 50. (*Gazette* No. 98, of the 8th December, 1904.)

No. 4167; 5224.—L. H. Spanswick; Class 2. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4168; 5288.—G. Bonnington; Class 42. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4169; 5289.—J. Newton and Son, Limited; Class 50. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4170; 5291.—Teviot Fruit Preserving Company, Limited; Class 42. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4171; 5295.—A. and F. Pears, Limited; Class 48. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4172; 5299.—Société Générale Suisse de Chocolats Peter and Kohler Réunis; Class 42. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4173; 5300.—Société Générale Suisse de Chocolats Peter and Kohler Réunis; Class 42. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4174; 5305.—W. Waltke and Co.; Class 48. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4175; 5306.—J. S. Tingey; Class 48. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4176; 5284.—S. Fox and Co., Limited; Class 13. (*Gazette* No. 46, of the 18th May, 1905.)

No. 4177; 4831.—J. B. MacEwan and Co.; Class 42. (*Gazette* No. 69, of the 18th August, 1904.)

No. 4178; 5275.—Bjornstad and Stacey; Class 3. (*Gazette* No. 53, of the 1st June, 1905.)

No. 4179; 4814.—H. E. Crease; Class 3. (*Gazette* No. 74 of the 1st September, 1904.)

No. 4180; 5309.—I. Brown and Co.; Class 22. (*Gazette* No. 57, of the 15th June, 1905.)

No. 4181; 5327.—Shavo Shaving Cream Company; Class 48. (*Gazette* No. 57, of the 15th June, 1905.)

No. 4182; 4828.—North British Rubber Company, Limited. Class 38. (*Gazette* No. 95, of the 24th November, 1904.)

F. WALDEGRAVE,
Registrar.

Subsequent Proprietor of Trade Mark registered.

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

NO. 2606–2051.—The British Cyanides Company, Limited, of 49, Queen Victoria Street, in the City of London, England, and of Oldbury, in the County of Worcester, England, Manufacturers and Merchants. [The British Cyanides Company, Limited.] 14th August, 1905.

F. WALDEGRAVE,
Registrar.

Trade Mark Renewal Fees paid.

FEES paid for the renewal of the undermentioned trade marks:—

For fourteen years from the date first mentioned.

No. 311/265 and 212/266.—4th September, 1905.—W. H. Burford and Sons, Limited, of Adelaide, South Australia. 15th August, 1905.

No. 330/448.—24th September, 1905.—T. Beecham, of St. Helen's, England. 10th August, 1905.

No. 360/432.—12th November, 1905.—Johnston and Co., Limited, of Wellington, New Zealand. 18th August, 1905.

F. WALDEGRAVE,
Registrar.

Trade Marks removed from the Register.

TRADE Marks removed from the Register, owing to the non-payment of the renewal fees, from the 10th to the 23rd August, 1905, inclusive:—

Nos. 208/171 and 209/172.—13th May, 1891.—J. L. Bacon, of Wellington, New Zealand.

Nos. 212/177 and 213/178.—21st May, 1891.—The Hartlepools' Salt and Brine Company, of Greatham, Durham, England.

F. WALDEGRAVE,
Registrar.

Advertisements.

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

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

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

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

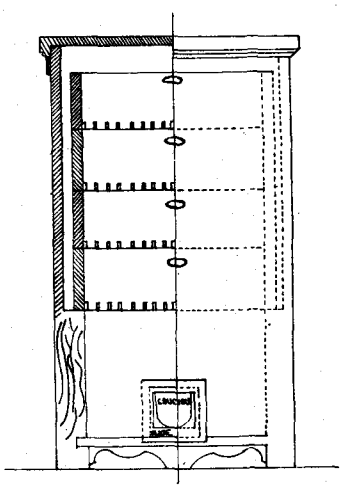
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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

By Authority: JOHN MACKAY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

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



18398
McDonald. Egg-preserving Cabinet.

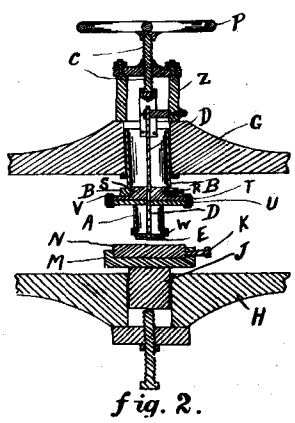
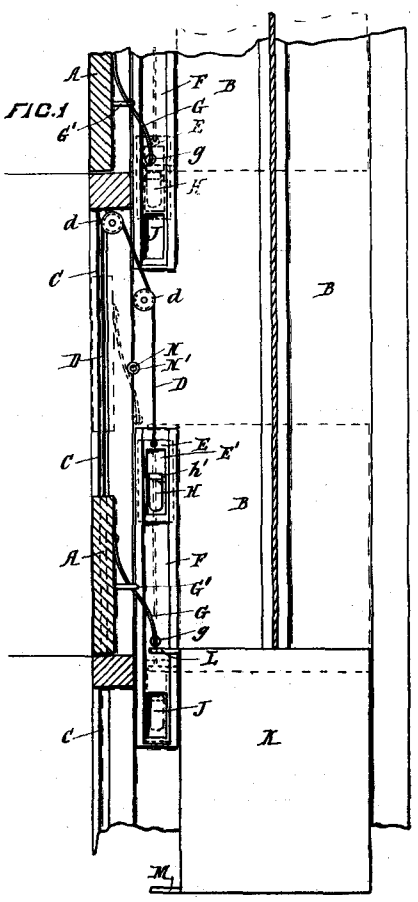


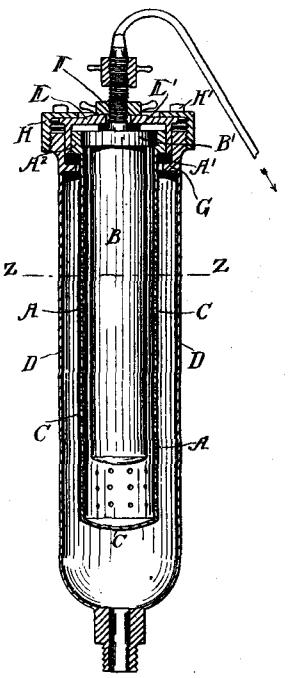
fig. 2.

18652
McColl. Veneer-defect Rectifier.

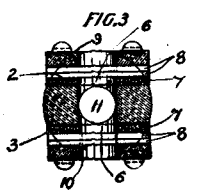
FIG. 1



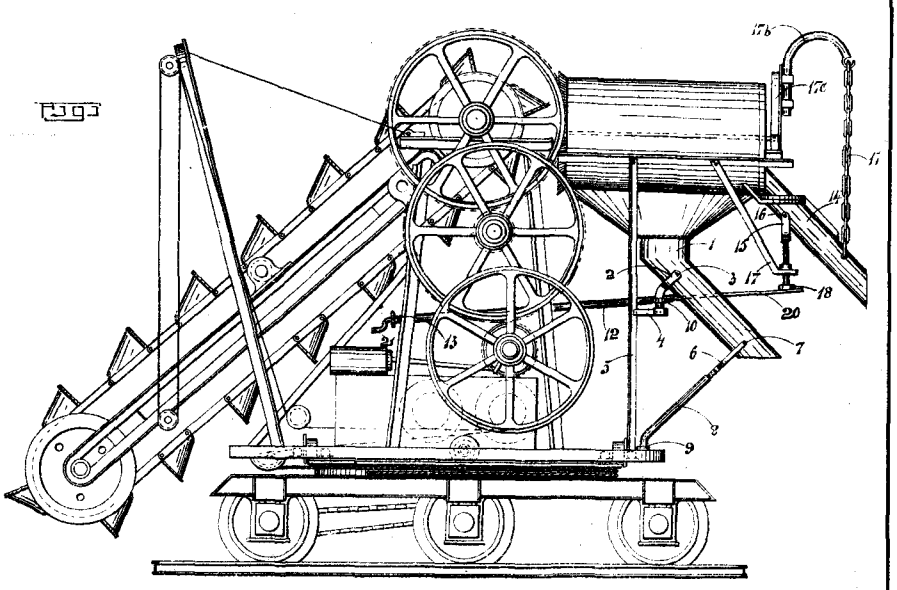
18613
Johns. Lift-door.



18393
Abbott. Filter.

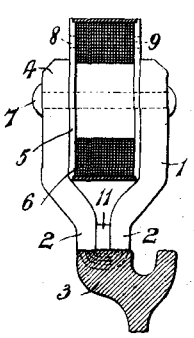


18425
Shepherd. Water-gauge.

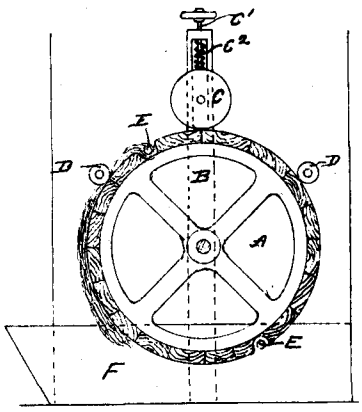


18306
Quertier. Dredge.

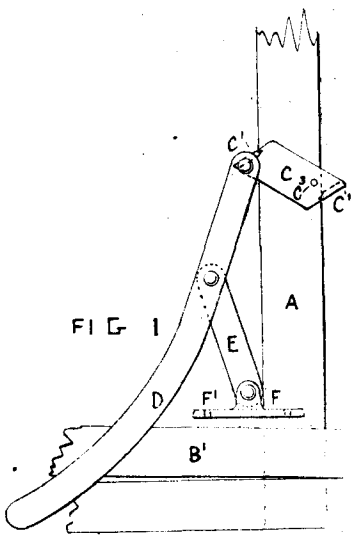
Fig. 2.



19726
Campbell. Magnetic Brake. (Braun.)



18787
Gibson. Fibre-washer.



19780
Hercus, Morton, and Barton. Cramp.

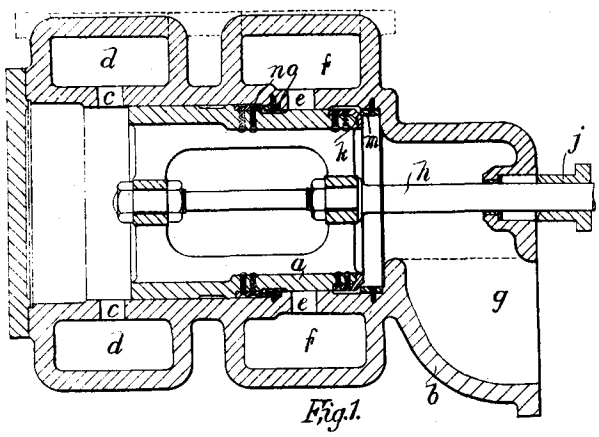


Fig. 1.

19714
Parsons. Piston-valve.

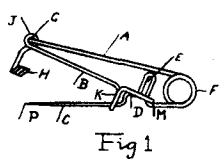
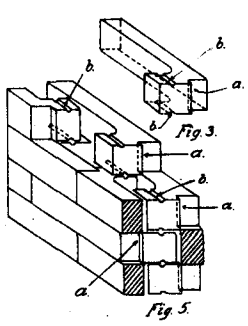
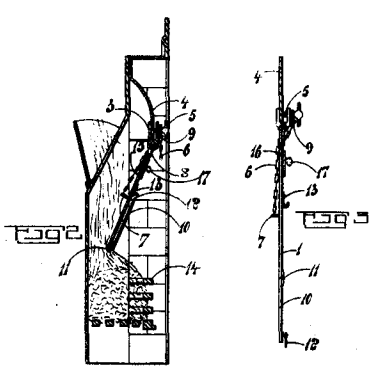


Fig 1

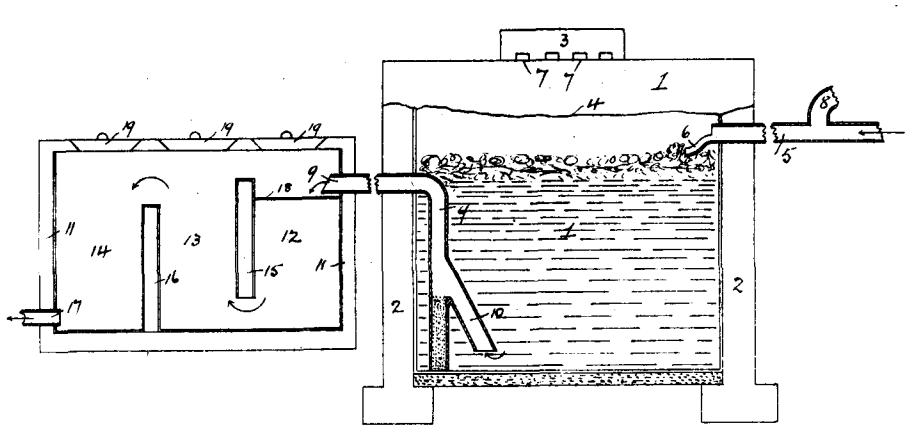
19746
Coyle, Gentles, and Morran. Safety-pin.



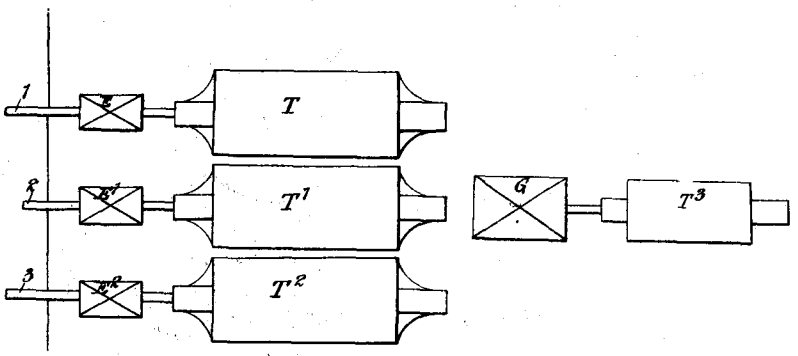
18666
Nielsen. Building-block.



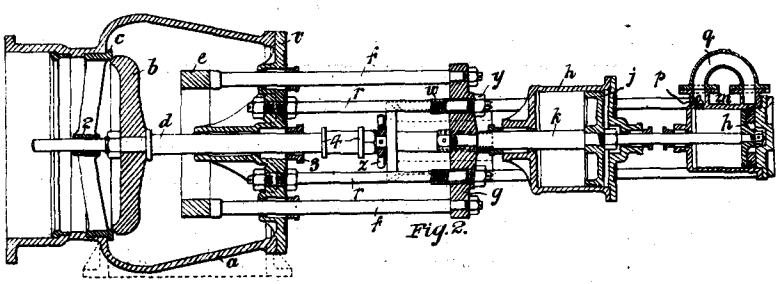
19808
Graham. Register Grate.



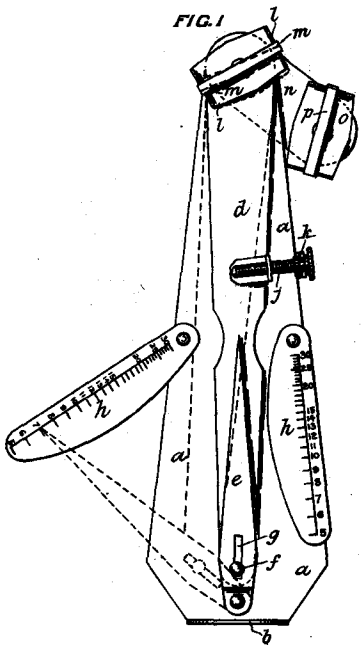
19784
Palliser. Septic Tank.



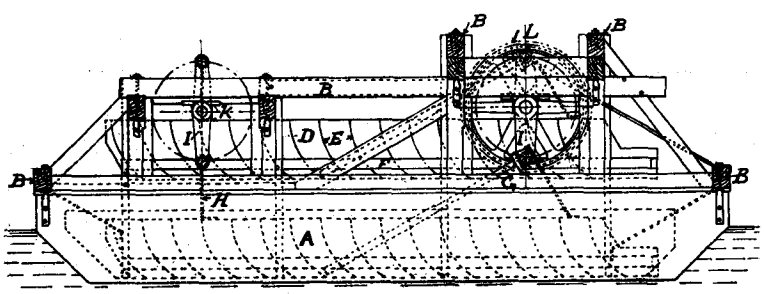
19711
Brown. Propulsion of Vessels.



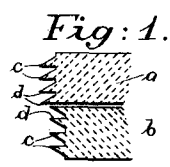
19713
Parsons. Valve-controller.



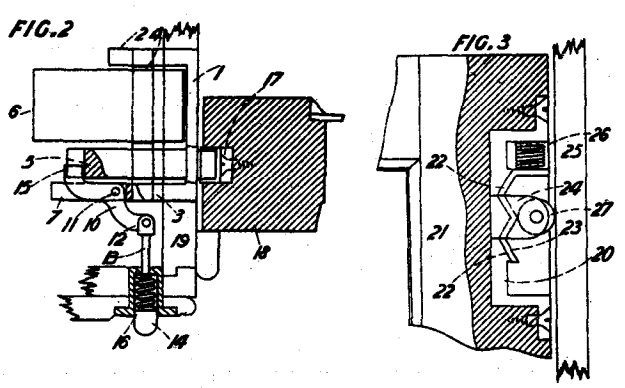
19744
Owen. Range-finder.



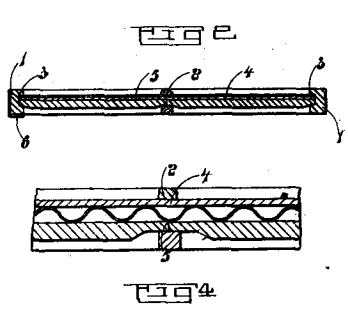
19786
Gillanders. Hydraulic Motor.



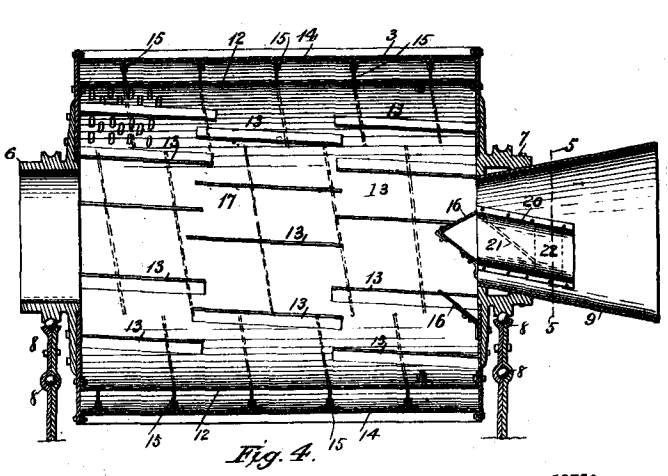
19796
Middleton and Cobbe. Grinding Face.

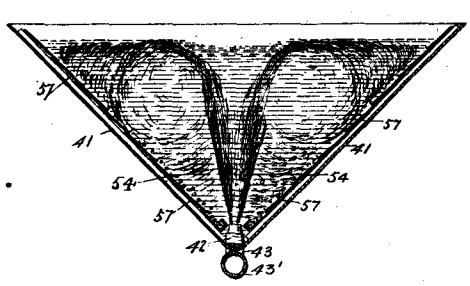


19792
Scott. Sash-hanger.



19758
Lloyd. Daylight-reflector.





19750
Weaver. Placer Mining.