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No. 16662.—16th July, 1903.—RALPH DUNNE, of Princes Street, Dunedin, New Zealand, Artist's Merchant. Improved graduated bar and stop for mitre-cutting devices.\*

*Claims.*—(1.) The general construction, arrangement, and combination of parts composing my improved graduated bar and stop for mitre-cutting devices, all substantially as and for the purposes set forth. (2.) A stop for the purposes described having a notch such as (1) cut thereout, substantially as and for the purposes set forth.

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

No. 16676.—24th July, 1903.—BEDLINGTON BODYCOMB, of St. James's Buildings, corner Bourke and William Streets, Melbourne, Victoria, Australia, Patent Agent (nominee of William Henry Lawrence, of 35, Melville Street, Pollokshields, Glasgow, Scotland, Engineer). Improvements in milking-apparatus.\*

*Extract from Specification.*—There are three principal methods by which the milking process can be carried on with the apparatuses, namely: By method No. 1, which consists in effecting variations of pneumatic pressure in the outer teat-cup chamber only by alternate admission of vacuum and air from the milk-receptacle, or from the vacuum-supply and atmosphere, while the inner chamber of the cup is in constant communication with the milk receptacle. In both cases air is admitted into the milk conductor or claw at the junction of the teat-cups through a restricted opening preferably controlled by a valve or valves, and the degree of vacuum in the milk-receptacle is controlled by means of a vacuum-reducing valve. By method No. 2, under which the pulsating-apparatus is constructed to operate two sets of ports and passages communicating with the outer and inner chambers of the teat-cups. The pulsations are arranged to be approximately simultaneous in the inner and outer chambers when using A class of teat-cup, while they are arranged approximately alternate when using the B class. In one form the apparatus for carrying out this method may be constructed so that the main pulsator piston or valve which operates one set of passages can be made to actuate another pulsating-valve serving another set of passages. These passages may be connected to the inner and outer chambers of the teat-cups respectively, or, when used with single-chambered teat-cups, each of the two branches on either side of the machine may be connected to one pair of

Notice of Acceptance of Complete Specifications.

Patent Office,  
Wellington, 22nd June, 1904.

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. 16654.—15th July, 1903.—ROBERT WALES, of Dunedin, New Zealand, Engineer. Device for holding packing for circular saws.

*Claim.*—Device for holding packing for circular saws, consisting of pockets in the saw-bench on each side of the saw open at the side near the saw, and adapted to hold packing-material and adjustable plates for said packing-material, substantially as described.

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

teat-cups so that the pulsations can be effected alternately in each pair for the same animal. By method No. 3, under which modifications of the differential type of pulsating-apparatus set forth in the British specification 6129 of 1896 can be employed. In one form the apparatus is so arranged that the movement of the pulsator-piston is controlled by the fluctuations of the vacuum and pressure which it effects in the teat-cups. When the apparatus is used with single-chambered teat-cups the pulsating device is arranged to partially cut off the communication between the milk-pipe and the milk-receptacle, while the air is delivered from the pulsating-device through a separate pipe to the junction piece or claw of the teat-cups. When used for double-chambered teat-cups the milk-pipe is connected direct to the milk-receptacle by one pipe, whilst another pipe serves to supply vacuum and air alternately to the other teat-cup chambers.

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

(Specification, £1 1s.; drawings, 5s.)

No. 16807.—13th August, 1903.—ELIZABETH SARAH SMITH, of Timaru, New Zealand, Married Woman. An improved mechanical stirrer.\*

*Claim.*—The improved stirring-appliance consisting of, in combination, a platform held upon the boiler-rim, a box upon the platform containing clockwork mechanism, a vertical spindle operated by clockwork, a sleeve around the spindle and a set-screw in the sleeve, a stirrer upon the spindle, a disc in the clockwork-train, and a smaller spindle having a head adapted to impinge against said disc, all substantially as described and shown.

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

No. 16817.—10th August, 1903.—UNITED SHOE MACHINERY COMPANY, of Paterson, State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, and having a place of business at 205, Lincoln Street, Boston, Massachusetts, United States of America (assignees of Ronald Francis McFeely, of Beverly, Essex, Massachusetts aforesaid, Inventor). Improvements in or relating to pulling-over and like machines.\*

*Extracts from Specification.*—An important feature of this invention is a heel-rest for the last, to resist backward strain upon the last. . . . We have so mounted the heel-rest that, while normally it is in a central position, it can move laterally to accommodate itself to the position of the heel of the shoe that is presented to the machine, and we have provided means for locking said rest against lateral displacement during the operation of the machine, said locking-means being made operative, after the heel-rest has been positioned laterally, by the pressure of the shoe against the heel-rest, and being rendered inoperative when such pressure ceases. . . . Another feature of our invention consists in providing mechanism by which the heel-rest may be locked against rearward movement, and also by which it may be actuated for giving the last a slight positive forward movement after the upper has been stretched and while it is held taut by the grippers, thereby to "set" the shoe by forcing the last into the fore part of the upper and causing the upper to conform to the lines of the last, particularly along the top of the last from the toe toward and over the instep. . . . Another important feature of our invention consists in means for positioning the inner sole on the last. . . . In the embodiment of our invention herein shown the inner sole is moved by means of the rest against which the shoe is held bottom upwardly during the pulling-over operation. . . . Another important feature of our invention consists in providing a plurality of pairs of grippers for engaging the upper upon the same side of the last and causing each pair of grippers to strain the portions of upper acted upon by them to the same degree. . . . We have also arranged the means for closing the several pairs of grippers of each side-gripper mechanism so that one pair is permitted to close to a different extent from another pair to accommodate the different thicknesses of different portions of the upper, and so that each pair of grippers is acted upon by approximately the same force, independently of the extent to which it is closed. . . . Another feature of our invention consists in causing the grippers to travel in a curved path while pulling the upper, whereby to carry said upper slightly away from and out of contact with the edge of the last, and out of contact with the edge of the inner sole. . . . Other important features of our invention consist in the improved devices for supporting the last for the driving of the fastenings which secure the upper to the inner sole, for wiping and pressing the pulled

portions of upper over on to the inner sole at the sides of the shoe into position to receive said fastenings, and for holding said portions of the upper from slipping back during the interval between the opening of the grippers and the driving of the fastenings, together with the mechanisms for actuating said device. . . . We have also arranged the tack-inserting mechanism so as to drive the securing tacks in a direction inclined inwardly from the edge of the last, whereby the upper is pulled more closely into place by the ingoing tacks, and also the danger of splitting the last by the tacks is reduced, and the danger of driving the tack through a last having a thin edge is obviated. We have provided the machine with an improved mechanism for actuating the tack-hopper and also with novel mechanism for clearing the tacks away, at intervals, from the entrances to the covered portions of the raceways, so as to insure a steady supply of tacks by preventing the raceways from becoming clogged with misplaced tacks.

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

(Specification, £5 5s.; drawings, £1 4s.)

No. 16859.—26th August, 1903.—HENRY JOHN GENTLES, of 132, Hobson Street, Auckland, New Zealand, Contractor. A wash-up mop.\*

*Extract from Specification.*—A sufficient number of lengths of cotton wicking, varying according to the size of mop-head required, are taken and secured tightly within a loop of wire made by bending a piece of wire of about 15 in. in length in half and then twisting or plating the two halves of the wire securely together, the wire when twisted forming a loop or ring, within which the cotton wicking comprising the head is held, and the staff of the mop.

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

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

No. 16889.—27th August, 1903.—ALEXANDER THOMPSON, of Dunedin, New Zealand, Sailmaker. Improvements in and relating to animal-covers.\*

*Claims.*—(1.) The general construction, arrangement, and combination of parts comprising my improvements in and relating to animal-covers, all substantially as and for the purposes set forth. (2.) A cord comprising a crossed fore-leg strap arranged and secured substantially as described. (3.) A cover comprising two fore-leg straps arranged and secured substantially as described.

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

No. 16916.—4th September, 1903.—ALEXANDER CURRIE, of Springhills, Southland, New Zealand, Farmer, and ROBERT ANDERSON, of Hokonui, Southland aforesaid, Farmer. An improved post-hole borer.\*

*Claim.*—A post-hole borer consisting of a plate of metal bent into semicircular form and the bottom end of which is provided with an angular projecting piece, one edge of which is formed as a cutting-edge, such angular projection being bent inwards so as to lie beneath the space enclosed by the semicircular plate, substantially as herein specified.

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

No. 16969.—12th September, 1903.—EDMUND GILLOW, of Westport, New Zealand, Civil Engineer. A combined drawing-board and easel, and T-square for use in connection therewith.\*

*Claims.*—(1.) In a drawing-board, means for inclining the same at various angles, comprising, in combination, a support for the board consisting of a pair of legs hinged thereto and connected by a rod as 4, transverse grooves in the legs, extension-pieces as 6, likewise connected by a rod 7, which latter reposes in the grooves when the various parts are extended, substantially as described and explained. (2.) Means for holding a T-square upon an inclined drawing-board, comprising, in combination with a T-square, a longitudinally situated groove therein, a rod in the groove and a clamp upon the rod, a slot in the T-square leg through which the clamp passes, and a spiral spring upon one end of the rod which end is bent reversely upon itself and takes into a recess in the T-square head, substantially as set forth and described.

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

No. 17119.—19th October, 1903.—WILLIAM STRANGE and THOMAS COVERDALE (trading as "W. Strange and Co."), of Christchurch, Canterbury, New Zealand, Drapers, Ware-

housemen, and Manufacturers (assignees of John Dockery, of Stanmore Road, Linwood, near Christchurch aforesaid, Wire-worker). Improved latch-lock for gates, doors, and the like.\*

*Claim.*—For the purpose indicated, the combination, with a latch, and a bar having a slot, of a wedge fitting the slot and having a hole and a padlock engaging the hole of the wedge, as set forth.

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

No. 17297.—25th November, 1903.—ROBERT BAIN WIGHT, of Norfolk Street, Ponsonby, Auckland, New Zealand, Storeman. An improved beverage.\*

*Claim.*—A beverage consisting of a mixture of extract of pineapple and whisky, substantially in the manner and in the relative proportions specified.

(Specification, 1s. 3d.)

No. 17338.—3rd December, 1903.—CHARLES BUTLER, of Gisborne, New Zealand, Storeman. An improved washing-machine.\*

*Claims.*—(1.) A washing-machine having a false bottom composed of a grating resting upon springs, with a corresponding grating above, raised or depressed by a mechanical motion, the same substantially as is described and illustrated in the specification and drawing. (2.) A washing-machine having a false bottom composed of grating resting upon springs, with a corresponding grating above, raised or depressed by a mechanical motion, together with a series of longitudinal ribbing in combination within the interior of the box, the same all substantially as described in the specification and illustrated in the drawing.

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

No. 17426.—30th December, 1903.—JAMES ABRAHAM WINTEN, of Mitchell, Queensland, Australia, Grazier. An improved race-starting machine.

*Claims.*—(1.) In race-starting machines, means for raising the barrier, consisting of radial arms hinged to posts on either side of the course, as described. (2.) In race-starting machines, means for raising the barrier, consisting of a line attached to the radial arm carrying one end of the barrier and passing over a pulley on the top of the post which carries such radial arm, or of a bell-crank carrying such barrier, as described. (3.) In race-starting machines, means for raising the distant end of the barrier by means of a radial arm hinged to the post and operated upon by the direct action of the barrier when the near side is raised, as described. (4.) In race-starting machines, the combination of posts on either side of the course, radial arms hinged thereto and carrying the barrier, and means for raising the barrier, as described.

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

No. 17603.—2nd March, 1904.—JONATHAN JENTLEMAN COAKLEY, of Geraldton, Western Australia, Wheelwright, and ALEXANDER CUNNINGHAM MCCALLUM, of 175, Murray Street, Perth, Western Australia, Iron-merchant. An expandible road-wheel.

*Extract from Specification.*—The axle-box at a central position in its length is formed with a taper or inclined circular surface, and the ends of the spokes rest or butt against such inclined peripheral face, and are placed loosely on and against same. The axle-box carries a pair of hub or clamp plates between which are placed the spokes. The outside hub-plate is formed with a number of rectangular wedge-shaped projections which act as key or distance pieces for and between the spokes.

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

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

No. 17619.—5th March, 1904.—WILLIAM ERNEST HUGHES, of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of the British Westinghouse Electric and Manufacturing Company, Limited, of Westinghouse Building, 2, Norfolk Street, Strand, London, England, Manufacturers, the assignees of John Sedgwick Peck, of 6211, Howe Street, Pittsburg, Pennsylvania, United States of America, Electrical Engineer). Improvements in systems of electrical distribution.

*Claim.*—A system for distributing electrical energy from two or more rotary converters with their direct-current ends connected in parallel, said rotary converters being supplied from one or more stationary transformers through separate secondary windings which are symmetrically located with respect to the primary winding of the stationary transformer or transformers, substantially as and for the purpose set forth.

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

No. 17662.—16th March, 1904.—GEORGE SWEETSER, of 25, Camden Hill Road, Upper Norwood, Surrey, England, Electrical Engineer. Improvements in and relating to incandescent electric lamps and switches.

*Claims.*—(1.) In an electric lamp of the kind specified, a compound filament comprising a low resistance and a high resistance so connected electrically that any desired part of the low resistance can be thrown in and out of circuit, substantially as and for the purposes described. (2.) An electric lamp of the kind specified constructed with a capability of longitudinal movement in its holder for the purpose of switching the lamp on or on and off, substantially as described. (3.) In the electric lamp claimed in claim 1, the arrangement whereby the part of the heater in parallel with the glower is automatically brought into and out of circuit by an electro-magnetic cut-out, substantially as described. (4.) An electric lamp of the kind specified in which the cut-out magnet serves as a support for the glower and heater, substantially as described. (5.) An electric lamp constructed substantially as described with reference to Figs. 1 to 4 or to Figs. 5 to 7 of the drawings.

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

No. 17715.—31st March, 1904.—ALFRED MOLE, of 29, Pioneer Road, Fordsburg, near Johannesburg, Transvaal, Carpenter. Improvements in or connected with the hanging of window-sashes and the like.

*Claims.*—(1.) In means for hanging window-sashes and the like, the combination of the cords, wires, or chains connecting the two sashes and passing over pulleys in the upper portion of the frame, and the means for adjusting said wires, cords, or chains comprising the long bolts or screws and the nuts fitted with the loops for attachment to the ends of the cords, wires, or chains, substantially as described and shown. (2.) Means for hanging window-sashes and the like having its several parts constructed and arranged to operate substantially as described, and shown in the drawings.

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

No. 17814.—21st April, 1904.—HALVAR MATHEW MEINUNG, of Forth Street, Dunedin, Otago, New Zealand. Improvements in apparatus for utilising tidal water for generating power.

*Claims.*—(1.) The apparatus for the purpose described comprising, in combination, a dam having gaps through which tidal water flows, floats movable in vertical guides on each side of the gaps, undershot water-wheels mounted on the floats, a pump operated by the water-wheel, a tank to receive the water from the pump, and a second wheel operated by water flowing from the tank, substantially as and for the purpose set forth. (2.) In apparatus for the purpose described, in combination, a dam having gaps through which tidal water flows, vertical guides on each side of the gaps, floats movable vertically in the guides, and an undershot water-wheel mounted on the floats, substantially as and for the purpose set forth. (3.) The combination and arrangement of parts consisting of the improvements in apparatus for utilising tidal water for generating power, substantially as and for the purposes set forth, and illustrated on the drawing.

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

No. 17903.—4th May, 1904.—STANLEY FAWKNER CLARE, of Campbelltown, New Zealand, Sheep-farmer. Improvements in fitting handles in axes and the like.

*Extract from Specification.*—The essential features consist in planing the top and underneath side of the portion of the handle inserted in the tool-head inwardly on converging lines and sloping the base of the eye in the tool-head to suit the angle of the said underneath side; the said underneath side may be level, with the base of the eye made to correspond. A wedge is used along said top side of handle to fix the handle to the tool-head.

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

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

No. 17917.—18th May, 1904.—HALL SIGNAL COMPANY, a corporation organized and existing under the laws of the State of Maine, United States of America, and having its principal place of business in New York City, United States of America (assignees of Clarence William Coleman, of Westfield, New Jersey, United States of America, Engineer). Improvements in signal apparatus.

*Extract from Specification.*—The invention seeks to provide an apparatus characterized by simplicity of construction and efficiency and reliability of operation. In carrying out this purpose it employs fluid-pressure for operating the signal. It is more particularly proposed, however, to employ liquefied gas stored in a local reservoir in proximity to the signal, which, when released, assumes the gaseous form for performing the required work. It is also proposed, in carrying out the invention, to employ a device interposed in the mechanical connection between the signal and the motor whereby the efficiency of the motor will be increased when the signal is moved from one position to another. The invention also proposes to provide a suitable system of electric circuits for controlling the operation of the signals. In the present embodiment of the invention hereinafter set forth the signals are arranged to stand normally at "Danger," home and distant signals being carried on the same post. The signals may, however, be arranged to stand normally at "Safety" if desired. The invention, however, is not in all of its features limited to such details. Moreover, the signals have in their best form a normal bias to "Danger" position, and when moved from "Danger" to "Safety" position are held from return movement by a retaining-device until released.

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

(Specification, 16s. ; drawing, 3s.)

No. 17930.—16th May, 1904.—JOHN JAMISON, of Dunedin, New Zealand, Inventor. Improved aerial reading-desk and table apparatus.

*Extract from Specification.*—I provide a swinging arm, somewhat like a crane on a small scale, and attach various conveniences, either fixed or capable of being moved, removed, or placed in convenient positions as needed from time to time, to one or other part of the apparatus, with balance-weights where needed to keep the required strain on the cords or suchlike for effecting the movements to be described.

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

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

No. 17943.—23rd May, 1904.—EVA HOOPER, of Dunedin, New Zealand, School-teacher. An easel attachment to school desks.

*Claim.*—An attachment for school desks consisting of a frame of wire formed with spring clips on its bottom end which are adapted to pass on to and grip the back rail of the desk and hold the frame in an upright position, substantially as specified.

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

No. 17945.—25th May, 1904.—GEORGE JOSEPH CARTWRIGHT, of Bailey Street, New Farm, Brisbane, Queensland, Australia, Engineer. Smoke-consumer and fuel-economizer.

*Claims.*—(1.) In steam-boiler furnaces, the admission of regulated quantities of heated air into the furnace and of cool or partly heated air into the combustion-chamber by means of passages in the fire-bridge, as described and illustrated. (2.) In steam-boiler furnaces, the firing of unconsumed gases in the combustion-chamber by means of a fire-tube, as described and illustrated. (3.) In steam-boiler furnaces, the combination and arrangement of parts for promoting combustion and preventing smoke, substantially as described, explained, and illustrated.

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

No. 17946.—25th May, 1904.—The Honourable CHARLES ALGERNON PARSONS and GEORGE GERALD STONEY, both of Heaton Works, Newcastle-on-Tyne, Northumberland, England, Engineers. Improvements relating to dynamo-electric machines.

*Extract from Specification.*—Our invention consists in obtaining, in a continuous-current dynamo-electric machines, by means of suitably disposed and proportioned fixed windings, (1) a practically fixed line of commutation

at all loads without sparking; (2) an increase in the allowable ampere-turns per inch diameter of the armature, so that an increase of output of at least two or three times may be obtained from a machine of given size. Our invention further consists in devices and arrangements for providing for the ready removal of the armature when required.

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

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

No. 17947.—25th May, 1904.—JAMES PALMER CAMPBELL, of 15, Featherston Street, Wellington, New Zealand, Solicitor (nominee of Lawrence August Merkt, of Westinghouse Building, 2, Norfolk Street, Strand, London, England, Mechanical Engineer). Improvements in mixing-valves for explosive engines.

*Claim.*—A mixing-valve for explosion engines, with or without a separate admission-valve, constructed and operating substantially as described with reference to the drawings.

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

No. 17948.—25th May, 1904.—AKTIEBOLAGET SVASEPARATORN, of Hamngatan 5B, Stockholm, Sweden, a stock company (assignees of Algot Levin Christenson, of Sturegatan 13, Stockholm aforesaid, Director). Improved inlet-pipe for centrifugal separators.

*Claim.*—In such inlet-pipes for milk centrifugal separators, or the like, the outlet-openings of which have the shape of holes or slots extending throughout the whole length of the inlet-pipe or part thereof, the arrangement that the size of the said outlet-openings decreases towards the lower end of the inlet-pipe in order to counteract the tendency due to the force of gravity of the full milk introduced to flow out from the inlet-pipe chiefly at the lower part of the latter and thereby to effect a more uniform distribution of the full milk over the whole liner than heretofore.

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

No. 17949.—25th May, 1904.—CHARLES FREDERICK JAEHN, Mechanic, and WALTER EMLING, Trustee, both of 2700, South Eighteenth Street, St. Louis, Missouri, United States of America. Improvements in driving-gear for pulleys.

*Extract from Specification.*—The object of our invention is to interpose, between a drive-shaft and its pulley, gear mechanism by which it may be possible to impart to the pulley a motion of rotation either contrary to that of the shaft, so that the necessity of cross-belts shall be dispensed with where it is desirable to impart from said pulley motion to a countershaft in such reverse direction, or to impart a motion in the same direction with the shaft when desirable. A further object is to provide means for disengaging the pulley from said shaft, converting the same for the time being into a loose pulley, and bringing the countershaft to a standstill.

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

(Specification, 8s. 6d. ; drawing, 1s.)

No. 17950.—25th May, 1904.—SEYMOUR WENTWORTH BONSALE, of 315, West Fifteenth Street, City, County, and State of New York, United States of America, Manufacturer. Improvements in wardrobes.

*Extract from Specification.*—The present application has relation to certain forms of wardrobe-equipment whereby garments which are suspended in a closet or wardrobe may be easily drawn forward into view without the use of sliding apparatus of any kind. The invention is particularly adapted to closets of relatively small height and of considerable width in proportion to their depth. In closets of this kind it is often extremely inconvenient to lean down in order to see the garments and pick out the one desired, and by the use of this invention the entire group of garments may be drawn forward into view, where any one is available without disturbing the others, the garments being preferably suspended flatwise and in contact one with the other, with the planes in which they lie at right angles to the front of the closet.

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

(Specification, 4s. 6d. ; drawings, 2s.)

No. 17957.—25th May, 1904.—WACLAW WOLSKI, of Schodnika, Galicia, Austria-Hungary, Engineer. Hydraulic boring apparatus.

*Claims.*—(1.) A deep-boring apparatus provided with water-jet supplied through the drill-rod, characterized by the fact that a valve, normally kept open by suitable means, closes when the water has reached a certain maximum speed, and again opens when the pressure produced by the blow of the water for driving the tool against the sole has created a rarefaction, whereupon a spring withdraws the piston, substantially as described. (2.) A constructional form of the arrangement claimed in claim 1 in which the admission-valve *l* is arranged within the piston (Fig. 1), while the water flows through the hollow piston-rod *f* to the sole, substantially as described and shown in the drawings. (3.) A constructional form of the arrangement claimed in claim 1, in which the piston *d* is solid and the valve *i* annular, so that the water-current admitted through the open valve passes between the cylinder *c* and a jacket or outer casing *n* to the sole, while when the valve is closed the suddenly arrested water is caused to pass through the annular valve *i* so as to strike on to the piston *d* (Fig. 2), substantially as described and shown in the drawings. (4.) A constructional form of the arrangement claimed in claim 1, in which the valve is made in the form of an elastic plate *o* (Fig. 3), or a sleeve *p* (Fig. 4), or an elastic ring, which in its unloaded condition is lightly separated from its seat, and is only pressed on to this latter by the force of the water-current, substantially as described with reference to the drawings. (5.) A constructional form of the arrangement claimed in claim 1, in which the exhaust pressure-water is conducted away by a pipe *s* (Fig. 5) arranged laterally above the boring-tool, said pipe being adapted to be closed by a valve *i* (Fig. 5), substantially as described and shown in the drawings, and for the purposes set forth. (6.) A constructional form of the arrangement claimed in claim 1, in which an elastic element is arranged between the striking water-column in the chamber *c* (Fig. 6) containing the valve and the rod *d* (Fig. 6) of the bearing-tool, substantially as described and shown in the drawings, and for the purposes set forth.

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

No. 17968.—30th May, 1904.—JAMES GRAY, of Dunedin, Otago, New Zealand, Agricultural-Implement Maker and Importer. Improvements in or relating to seed-sowers.

*Claims.*—(1.) For the purpose indicated, a pendulum and means for establishing operative connection between the pendulum and the feed-hopper of a seed-sower, as set forth. (2.) For the purpose indicated, a pendulum, a forked end upon the pendulum, a crank-shaft, a crank-pin on the crank-shaft engaging the fork of the pendulum, tongues on the crank-shaft, a feed-hopper, ears integral with the feed-hopper and engaging the said tongues, and a cylinder having holes in its circumferential periphery, as set forth. (3.) For the purpose indicated, a cylinder having tangential holes in its circumferential periphery, as set forth. (4.) In apparatus for the purpose described, a feed-hopper having an opening for the passage of seed, and a slide for adjusting the size of the said opening, as set forth. (5.) In apparatus for the purpose described, cylinders having holes in their circumferential peripheries and a shaft upon which the cylinders are mounted and the interior of which the said shaft fits, as set forth.

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

No. 17977.—31st May, 1904.—SIMON SCOTT, of 127, Cuba Street, Wellington, New Zealand, Pastrycook. Improvements in moulds used in the manufacture of shortbread and similar cakes.

*Claim.*—For the purpose indicated, a mould having cells provided with a hole for the escape of air, a rim forming a border to the mould and having a knife-edge, a back upon which the mould is mounted, ears extending from and raised above the back of the mould for attaching the mould to the back and for providing an air-space between the mould and back, substantially as set forth.

(Specification, 1s. 9d.; 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 drawings 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, 22nd June, 1904.

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

No. 17963.—21st May, 1904.—WALTER ROUT CROOK, of Murdoch Road, Grey Lynn, Auckland, New Zealand, Salesman. A cover for protecting the tires of bicycles, motor-cars, and other rubber-tire vehicles.

No. 17972.—30th May, 1904.—ARTHUR JAMES WITHERS, of Broad Street, Palmerston North, New Zealand, Printer. Letter-envelope.

No. 17982.—25th May, 1904.—FREDERICK CAPILL BROWN, Mine Superintendent, and SAMUEL DOUGLAS McMIKEN, Battery Manager, both of Komata, Auckland, New Zealand. An improved apparatus for mixing or circulating materials in a liquid or semi-liquid state, one of its special uses being in connection with the vessel described in Letters Patent (New Zealand) No. 14883, dated the 17th day of August, 1903.

No. 17983.—28th May, 1904.—ROBERT WALES, of Dunedin, New Zealand, Engineer (assignee of Andrew John Park, of Dunedin aforesaid). Improvements in and relating to stencil-plates.

No. 17984.—28th May, 1904.—HERBERT EDWARD PHILP, Plumber, and JOHN HAMILTON REID TAYLOR, Cheesemaker, both of Riverton, Southland, New Zealand. Improved curd-rack.

No. 17986.—30th May, 1904.—ALEXANDER WILDEY, of Christchurch, New Zealand, Printer. A self-closing bottle.

No. 17987.—1st June, 1904.—EVELYN THERESA FLOOD, of 17, Scarborough Terrace, Wellington, New Zealand, Housewife. Fire-kindler.

No. 17991.—2nd June, 1904.—EVAN LEWIS ROBERTSON, of 2, Torquay Terrace, Adelaide Road, Wellington, New Zealand, Storeman. An improved egg-carrier.

No. 17993.—31st May, 1904.—GEORGE SEATON STEVENSON, of Gore, New Zealand, Threshing-mill Owner. Improvements in water-wheels.

No. 17995.—1st June, 1904.—WILLIAM ARETAS PARRY SUTTON, of Gisborne, New Zealand, Meat-inspector. An improved weed-eradicator.

No. 17999.—7th June, 1904.—DAVID PETRIE DAVIDSON, of Pahiatua, Wellington, New Zealand, Engineer. Improvements in or relating to the counting and controlling mechanism of milk-weighing and other analogous machines.

No. 18003.—7th June, 1904.—CHARLES HERBERT BLACK, of Haast Street, Linwood, near Christchurch, Canterbury, N.Z., Commission Agent, and THOMAS GLASGOW HAIGH, of Nursery Road, Linwood aforesaid, Builder. Improved combined laundry iron-stand and ironing-cloth gripper.

No. 18004.—6th June, 1904.—JAMES MCCOMBS, of 151, Gloucester Street, Linwood, Christchurch, New Zealand, Draper. An apparatus for rendering fountain pens self-filling and non-leaking.

No. 18011.—9th June, 1904.—JOHN PETTITT, of Mercer Street, Geelong, Victoria, Australia, Timber-merchant. Improvements in fence-droppers.

No. 18012.—8th June, 1904.—SAMUEL NICOLSON, of Medway Street, Gore, New Zealand, Sailmaker. Improved complete spark-arrester and smoke-consumer.

No. 18013.—4th June, 1904.—WILLIAM THOMAS KEOGH, of Tay Street, Roslyn, Dunedin, New Zealand, Carpenter. Improvements relating to urns and the like.

No. 18014.—6th June, 1904.—CHARLES GROSVENOR, of Morningside, Auckland, New Zealand, Public Accountant. A new mixture for making paper and other suitable substances fireproof.

No. 18017.—9th June, 1904.—JOHN WILLIAM FOWLER, of Whangarei Heads, New Zealand, Engineer. An improved electric sock.

No. 18019.—10th June, 1904.—HENRY JAMES TURNER and WILFRED ERNEST CAMPBELL, both of Wanganui, Wellington, New Zealand, Bicycle Engineers. Improvements in driving-belts.

No. 18020.—10th June, 1904.—EDWARD TREGGAR, of 8, Goring Street, Wellington, New Zealand, Civil Servant. An improved motor.

No. 18021.—10th June, 1904.—FRANCIS TEMPLE PAGE, of Dannevirke, Hawke's Bay, New Zealand, Gentleman. An improved shackle.

No. 18024.—8th June, 1904.—WILLIAM DAVIS, of Wai, Hinuni, Manawaru, Te Aroha, New Zealand, Farmer. Table cricket.

No. 18025.—1st June, 1904.—JOHN POMEROY, of Invercargill, New Zealand, Fish-curer. Improvements in projectiles and the like.

No. 18026.—1st June, 1904.—JOHN POMEROY, of Invercargill, New Zealand, Fish-curer. Improvements in knife-cleaning appliances.

No. 18027.—9th June, 1904.—NEIL ROSS, of Berwick, New Zealand, Farmer. Improvements relating to Californian pumps.

No. 18028.—9th June, 1904.—McFARLANE BROWN, Hotel-keeper, and THOMAS BROWN, Blacksmith, both of Brown's, Southland, New Zealand. Apparatus for judging sawing events.

No. 18030.—13th June, 1904.—S. WEINGOTT AND SONS, LIMITED, of 174A, Sussex Street, Sydney, New South Wales, Australia, Manufacturers (assignees of Samuel Weingott, of 174A, Sussex Street aforesaid). Improvements in waterproof coats.

No. 18031.—13th June, 1904.—ANGUS SVENSON, of Morrison Bush, Wairarapa, New Zealand, Labourer. Apparatus for cleaning the interiors of gun-barrels or the like.

No. 18033.—13th June, 1904.—WILLIAM RUSSELL DEVEREUX, of Christchurch, New Zealand, Auctioneer. An improved cover for cows.

No. 18035.—15th June, 1904.—ALBERT WALKER FORD, of St. Arnaud Villa, Tallangatta, Victoria, Australia, Engineer. Improved apparatus for playing a table game of football.

No. 18037.—15th June, 1904.—HARRY GLYN JAMES, of 147, Goodwich Road, Dulwich, Surrey, England, Engineer. Improved construction of lamp-wick.

No. 18042.—14th June, 1904.—P. AND D. DUNCAN, LIMITED, of Tuam Street, Christchurch, New Zealand, Engineers (assignees of James Keir, of 312, Colombo Street, Sydenham, New Zealand, Engineer. An improvement in dumping and spreading wagons.

No. 18043.—14th June, 1904.—GEORGE THOMAS ALLNUTT, of Cheltenham, Victoria, but at present residing at Christchurch, New Zealand, Mechanic. Improved means for attaching the driving-rein to a bit for the purpose of curbing a horse.

No. 18046.—16th June, 1904.—FREDERICK ARTHUR ALCOCK, of 212, Russell Street, Melbourne, Victoria, Australia, Manufacturer. Improvements in billiard-tables.

No. 18047.—16th June, 1904.—GEORGE WILLIAM BERRY, of 62, Smith Street, Kensington, Victoria, Australia, Tinsmith. Improved method of closing filled tins or cans.

No. 18048.—16th June, 1904.—GEORGE WILLIAM BERRY, of 62, Smith Street, Kensington, Victoria, Australia, Tinsmith. An improvement relating to the vents of tins or cans for preserved meat and the like.

No. 18049.—16th June, 1904.—GEORGE WILLIAM BERRY, of 62, Smith Street, Kensington, Victoria, Australia, Tinsmith. Improved keyless tearing-strip for tins or cans.

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 9th to the 17th June, 1904, inclusive:—

No. 15028.—E. Saxton, cycling-gauntlet.  
No. 16034.—J. Webb, luring birds to take poison.  
No. 16065.—G. S. Budge, book-leaf holder.  
No. 16112.—T. H. Ibbotson, device for drawing off liquids from containers.

No. 16114.—W. H. Pearson, forming sheet metal into cubes.

No. 16146.—W. D. Wilson, swingletree-iron.

No. 16153.—J. E. Watkins, grain-dressing apparatus.

No. 16358.—C. F. Bünz, instrument for treatment of diseases. (F. J. Rottmann and H. Geissler.)

No. 17064.—J. Kemp, tailboard for tip-dray.

No. 17102.—W. H. Brooks, gas-generator.

No. 17567.—F. D. Johnson, pneumatic percussive tools.

No. 17573.—E. Phillips, gas or vapour engine. (O. C. Duryea and M. C. White.)

No. 17586.—F. W. Boynton, manufacture of cardboard box.

No. 17590.—F. W. Boynton, construction of cardboard box.

No. 17598.—W. E. Carmont, road motor-vehicle.

No. 17601.—G. H. Dunlop, excavating-machinery.

No. 17602.—F. Livingstone, cattle-food.

No. 17605.—H. Sanford Burton, copying or duplicating writing, &c.

No. 17613.—N. P. Carver, mercury-feeder for stamper battery.

No. 17645.—W. H. Davis, treating cyanide-solutions.

F. WALDEGRAVE,  
Registrar.

#### Letters Patent on which Fees have been paid.

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

#### SECOND-TERM FEES.

NO. 12673.—A. J. Madden, filter. 13th June, 1904.  
No. 12689.—J. Forsyth, treating flax. 13th June, 1904.

No. 12704.—J. Osborne, sinking artesian well. 16th June, 1904.

No. 12712.—J. F. Bennett, hydrocarbon motor. 8th June, 1904.

No. 12733.—W. A. Holman, spouting-strap. 17th June, 1904.

No. 12761.—T. Turrettini, treating lead-ores. [A. Germot.] 16th June, 1904.

No. 12763.—The International Cigar Machinery Company, cigar-machine. [The American Cigar Machinery Company—O. Tyberg, R. L. Patterson, and G. Arents, jun.] 15th June, 1904.

No. 12933.—H. F. Kirkpatrick-Picard, treating sulphide ores. 15th June, 1904.

#### THIRD-TERM FEES.

Nil.

F. WALDEGRAVE,  
Registrar.

#### Request for Correction of Clerical Error allowed.

THE request for correction of clerical error in application and specification for Letters Patent No. 16358—C. F. Bünz, instrument for treatment of disease—advertised in Supplement to *New Zealand Gazette*, No. 36, of the 28th April, 1904, has been allowed.

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 9th to the 22nd June, 1904, inclusive:—

No. 16772.—P. H. Shailer, spark-extinguisher.  
No. 16773.—R. Ginsberg, securing spouting to buildings.  
No. 16775.—J. W. and S. Hardley, punching and shearing machine.

No. 16776.—R. H. Sollitt, coal-scuttle.  
No. 16778.—H. E. Crease and W. Williams, tooth-brush, &c.

No. 16779.—W. A. Young, motor palace car.  
No. 16785.—G. H. Saywell, race-starter.

No. 16786.—A. Burt, skylight-bar.  
No. 16791.—E. L. Robertson, egg-carrier.

No. 16792.—F. H. Blundell, dehorning calves.  
No. 16798.—D. Thompson, wire-fence stake.

No. 16802.—J. Dickison, jun., double ridger.  
No. 16803.—J. C. W. Thompson and J. H. Smith, feeding and watering cattle.

No. 16805.—C. T. Kiernan, easy-chair.  
No. 16806.—C. T. Kiernan, extension-table.

No. 16809.—D. Smith, fencing-standard.  
No. 16811.—G. Honeywood, pulveriser for moist soft substances.

No. 16812.—J. Butler and P. Burke, gripper for engine-wheel.

No. 16814.—J. Bews, milking-machine.  
No. 16815.—T. Gore, commode.

No. 16818.—A. J. Hall and G. Leek, nozzle.  
No. 16819.—F. Gough, railway level-indicator.

No. 16821.—W. Beamish, block for rebrushing dredge-bucket and link.

No. 16822.—W. Beamish, trouser-clip.  
No. 16826.—J. Shaw and D. Macpherson, spark-arrester.

No. 16827.—F. Burn and W. S. Harkness, seed sower.  
No. 16829.—E. A. Dane and R. D. Gibbons, cycle-tire.

No. 16832.—F. W. Hall, non-puncturable inner tube for tire.

No. 16834.—W. Burrell and J. P. McMeekin, cheese-packing case.

No. 16835.—G. T. Allnutt and W. E. Lake, rotary gauge for butter-cutter.

No. 16838.—A. E. Moss, electrical floor contact.  
No. 16839.—F. H. Tucker, hat-fastener.

No. 16840.—W. A. Taylor, barbed-wire re-coiler.  
No. 16841.—Christchurch Meat Company, Limited, and D. Urquhart, lifting skins.

No. 16842.—P. W. Hambleton, D. Williams, and J. Duncan, rotary screen.

No. 16843.—C. H. Burnett, folding hat.



No. 16844.—C. G. R. Gore, window-fastening.  
 No. 16845.—D. McLellan, fishing-net.  
 No. 16846.—C. C. Smith, removing wool from sheep-skins.  
 No. 16854.—A. Burt, ventilator.  
 No. 16863.—W. Beamish, shackle.

F. WALDEGRAVE,  
 Registrar.

*Applications for Letters Patent void.*

APPLICATIONS for Letters Patent, with which complete specification has been lodged, void owing to non-acceptance of such complete specification, from the 9th to the 22nd June, 1904, inclusive:—

Nil.  
 F. WALDEGRAVE,  
 Registrar.

*Applications for Letters Patent lapsed.*

LIST of applications lapsed owing to Letters Patent not being sealed, from the 9th to the 22nd June, 1904, inclusive:—

No. 15543.—R. Boxall and A. A. Robinson, tinning and printing butter.  
 No. 15740.—E. Sprey, boot, &c., fastener.  
 No. 15756.—J. T. N. Anderson, water-filter.

F. WALDEGRAVE,  
 Registrar.

*Letters Patent void.*

LETTERS Patent void through non-payment of renewal fees from the 9th to the 22nd June, 1904, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 12451.—E. O. Blackwell, door-stop.  
 No. 12456.—The International Pneumatic Tool Company, Limited, pneumatic riveting apparatus (H. J. Kimman).  
 No. 12458.—W. Fairhead, hanging sashes.  
 No. 12461.—A. E. Mills, car-coupling.  
 No. 12462.—A. G. Blackwell, car-coupling.  
 No. 12463.—W. Bruhn, fare-indicating device.  
 No. 12465.—D. Nable, tramway-rail cleaner.  
 No. 12466.—A. D. Graham, shear-sharpening appliance (J. C. Barnes).  
 No. 12468.—H. A. Buck, rotary engine.  
 No. 12469.—G. Tabard, acetylene-gas generator.  
 No. 12476.—L. L. Carpentier, preserving alimentary products.  
 No. 12478.—E. Waters, jun., rotary steam-engine (B. Ljungström).  
 No. 12483.—G. Stirling, drop-plate for dredge.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 9341.—J. F. Duryea, motor vehicle.  
 No. 9357.—The Gold Extraction and Bromine Recovery Company, Limited, extracting gold from ore (H. R. Cassel and B. C. Hinman).

F. WALDEGRAVE,  
 Registrar.

*Designs registered.*

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

Nos. 208 and 209.—C. and A. Collings, of Bond Street, Arch Hill, Auckland, in the Provincial District of Auckland and Colony of New Zealand, Ironfounders. Class 1. 14th June, 1904.

F. WALDEGRAVE,  
 Registrar.

*Applications for Registration of Trade Marks.*

Patent Office,  
 Wellington, 22nd June, 1904.

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: 4516.  
 Date: 13th January, 1904.

TRADE MARK.

The word

**FEDERATION.**

NAME.

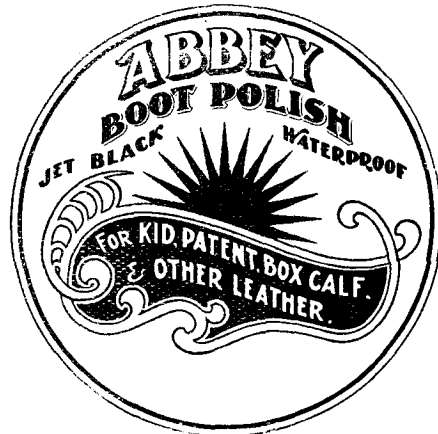
HENRY ATKINS, of "Cape Times" Buildings, Cape Town, Cape Colony, Importer.

No. of class: 42.

Description of goods: Substances used as food or as ingredients in food, excepting mutton and tea and articles of a like nature.

No. of application: 4740.  
 Date: 25th May, 1904.

TRADE MARK.



The essential particulars of this trade mark are the word "Abbey," together with the particular design attached thereto; and any right to the exclusive use of the added letters is disclaimed.

NAME.

NEILL AND Co., LIMITED (trading as "Chrystall and Co."), of Christchurch, New Zealand.

No. of class: 50.

Description of goods: Boot-polish.

No. of application: 4741.  
 Date: 26th May, 1904.

TRADE MARK.

The words

**DILKOOSH  
 (HEART'S DELIGHT).**

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

NAME.

A. S. PATERSON AND Co. (trading under the style of "The South British Packing Company"), of Wellington, New Zealand, Merchants.

No. of class: 42.

Description of goods: All articles in Class 42.

NOTE.—Class 42 is for substances used as food or as ingredients in food.

No. of application: 4749.  
Date: 6th June, 1904.

TRADE MARK.

The word

**EUREKA.**

NAME.

JOHN BARR, of 12, Taranaki Street Extension, Wellington, New Zealand, Paint and White-lead Manufacturer.

No. of class: 1.  
Description of goods: Paints.

No. of application: 4750.  
Date: 6th June, 1904.

TRADE MARK.

The word

**EXCELSIOR.**

NAME.

JOHN BARR, of 12, Taranaki Street Extension, Wellington, New Zealand, Paint and White-lead Manufacturer.

No. of class: 1.  
Description of goods: Paints.

No. of application: 4751.  
Date: 6th June, 1904.

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 article mentioned for twenty-five years.

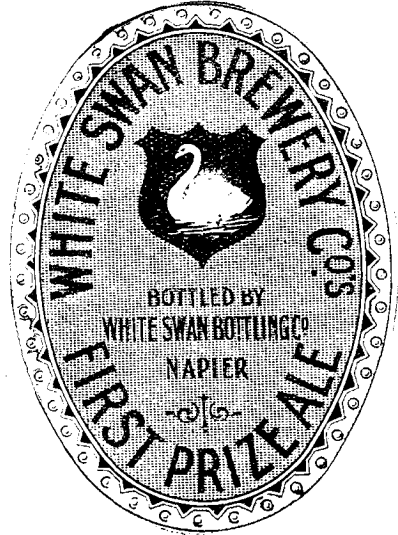
NAME.

JOHN CLOSE, of Napier, New Zealand, Merchant, and MARY ANN NEAL, of Napier aforesaid, Spinster, carrying on business together as Brewers and Bottlers under the style or firm of "The White Swan Bottling Company."

No. of class: 43.  
Description of goods: Stout in draught and in bottles.

No. of application: 4752.  
Date: 6th June, 1904.

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 article mentioned for twenty-five years.

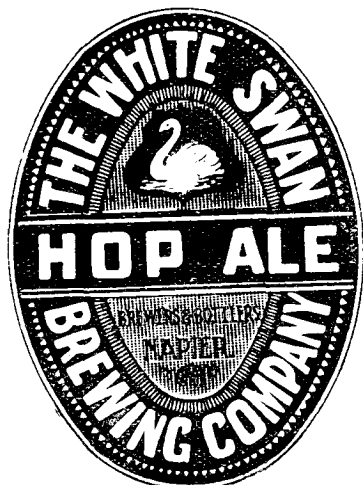
NAME.

JOHN CLOSE, of Napier, New Zealand, Merchant, and MARY ANN NEAL, of Napier aforesaid, Spinster, carrying on business together as Brewers and Bottlers under the style or firm of "The White Swan Brewery Company."

No. of class: 43.  
Description of goods: Ale in draught and in bottles.

No. of application: 4753.  
Date: 6th June, 1904.

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 article mentioned for twenty-five years.



NAME.

JOHN CLOSE, of Napier, New Zealand, Merchant, and MARY ANN NEAL, of Napier aforesaid, Spinster, carrying on business together as Brewers and Bottlers under the style or firm of "The White Swan Brewing Company."

No. of class: 43.

Description of goods: Hop-ale or hop-beer in draught and in bottles.

No. of application: 4756.

Date: 8th June, 1904.

TRADE MARK.

The word

MINIMAX.

NAME.

GRAAFF AND Co., G.m.b.H., a corporation organized under the laws of the German Empire, and having its principal place of business at 66. Charlotten Strasse, Berlin, Germany.

No. of class: 6.

Description of goods: Fire-extinguishing apparatus and appliances.

No. of application: 4757.

Date: 9th June, 1904.

TRADE MARK.

The word

MARS.

NAME.

THE SOUTHWARK MANUFACTURING COMPANY, LIMITED, of 28, Southwark Bridge Road, London, S.E., England, Belting-manufacturers.

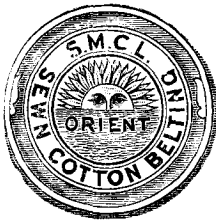
No. of class: 25.

Description of goods: Composite belting for driving machinery, in which cotton is the predominating material.

No. of application: 4758.

Date: 9th June, 1904.

TRADE MARK.



NAME.

THE SOUTHWARK MANUFACTURING COMPANY, LIMITED, of 28, Southwark Bridge Road, London, S.E., England, Belting-manufacturers.

No. of class: 25.

Description of goods: Cotton belting for driving machinery.

B

No. of application: 4759.

Date: 9th June, 1904.

TRADE MARK.

"HOUSE OF LORDS"  
OLD SCOTCH WHISKY

AS SUPPLIED TO  
MEMBERS OF THE HOUSE OF LORDS

*Genuine only with  
the signature*

J.G.GOWIE & Co. GLASGOW, SCOTLAND



The essential particulars of the trade mark are the device and the fac-simile signature, "J. G. Gowie & Co."; and the applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of the name "J. G. Gowie & Co."

NAME.

ROBERT BROWN, LIMITED, sole proprietors of J. G. Gowie and Company, of 17, Hope Street, and 107, Holm Street, Glasgow, Scotland, and 14, Jewry Street, London, England, Export Whisky Merchants.

No. of class: 43.

Description of goods: Whisky.

No. of application: 4760.

Date: 9th June, 1904.

TRADE MARK.

The word

VACMARK.

NAME.

VACUUM OIL COMPANY PROPRIETARY, LIMITED, of 31, Queen Street, Melbourne, Victoria; 3, Willis Street, Wellington, New Zealand; and elsewhere.

No. of class: 1.

Description of goods: Paints, pigments, dyes, and all other goods in this class.

No. of application: 4762.

Date: 10th June, 1904.

TRADE MARK.

The word

CHIN.

NAME.

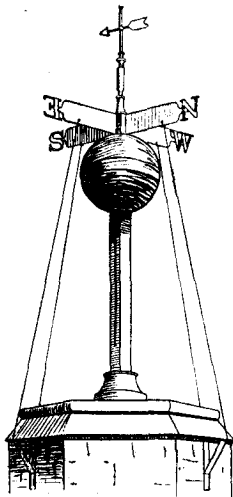
SARGOOD, SON, AND EWEN, of 7, Lower High Street, Dunedin, New Zealand. Warehousemen, Importers, and Manufacturers.

No. of class: 12.

Description of goods: Cutlery and edge-tools.

No. of application : 4763  
Date : 13th June, 1904.

TRADE MARK.



TIMEBALL

NAME.

LONSDALE BROS. AND Co., of Christchurch, in the Colony of New Zealand, Jewellers.

No. of class : 8.  
Description of goods : Spectacles.

No. of application : 4764.  
Date : 13th June, 1904.

TRADE MARK.

(The mark as in preceding notice, No. 4763.)

NAME.

LONSDALE BROS. AND Co., of Christchurch, in the Colony of New Zealand, Jewellers and Watchmakers.

No. of class : 12.  
Description of goods : Watchmakers' and jewellers' edge-tools.

No. of application : 4766.  
Date : 13th June, 1904.

TRADE MARK.

The word

SHAVINE.

NAME.

THE AUSTRALIAN MANUFACTURING AND IMPORTING COMPANY, of Featherston Street, Wellington, in the Colony of New Zealand.

No. of class : 48.  
Description of goods : Shaving-powder.

No. of application : 4767.  
Date : 15th June, 1904.

TRADE MARK.

The word

LIQUOZONE.

NAME.

THE LIQUID OZONE COMPANY, a corporation having offices at No. 458, Wabash Avenue, Chicago, County of Cook, State of Illinois, United States of America.

No. of class : 3.  
Description of goods : Proprietary medicines.

No. of application : 4770.  
Date : 15th June, 1904.

TRADE MARK.



The applicants claim that the above trade mark has been used within New Zealand by them and their predecessors in business in respect of the said goods for upwards of two years before the 2nd September, 1889.

NAME.

RICHARD MATHEWS AND Co., LIMITED, of 24 and 25, Hart Street, Bloomsbury, London, England, Wine and Spirit Merchants.

No. of class : 43.  
Description of goods : Wines and spirits

No. of application : 4773.  
Date : 18th June, 1904.

TRADE MARK.

The word

RAVA.

NAME.

JOHN S. BAXTER, of Dee Street, Invercargill, in the Colony of New Zealand, Grocer.

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

No. of application : 4775.  
Date : 18th June, 1904.

TRADE MARK.

The word

DEFIANCE.

NAME.

JOSEPH NATHAN AND COMPANY, LIMITED, of Wellington, New Zealand, Merchants.

No. of class: 42.

Description of goods: Dried milk and milk-products.

F. WALDEGRAVE,  
Registrar.

*Trade Marks registered.*

LIST of Trade Marks registered from the 9th to the 22nd June, 1904, inclusive:

No. 3625; 4623.—The Globe Packing Company. Class 47. (*Gazette* No. 28, of the 31st March, 1904.)

No. 3626; 4437.—J. Hardie and Co. Class 17. (*Gazette* No. 28, of the 31st March, 1904.)

No. 3627; 4544.—F. A. Taeschner. Class 3. (*Gazette* No. 28, of the 31st March, 1904.)

No. 3628; 4625.—The Australian Manufacturing and Importing Company. Class 3. (*Gazette* No. 28, of the 31st March, 1904.)

No. 3629; 4628.—The Australian Manufacturing and Importing Company. Class 3. (*Gazette* No. 28, of the 31st March, 1904.)

No. 3630; 4613.—Jameson, Anderson, and Co. Class 42. (*Gazette* No. 28, of the 31st March, 1904.)

No. 3631; 4226.—The New Zealand Candle Company, Limited. Class 47. (*Gazette* No. 50, of the 25th June, 1903.)

No. 3632; 4253.—J. Armstrong and Co. Class 13. (*Gazette* No. 57, of the 9th July, 1903.)

No. 3633; 4631.—W. A. Anderson. Class 42. (*Gazette* No. 28, of the 31st March, 1904.)

No. 3634; 4634.—Reuss and Co. Class 12. (*Gazette* No. 31, of the 14th April, 1904.)

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. 63/42.—1st July, 1904.—A. H. Nathan, of Auckland, New Zealand. 13th June, 1904.

No. 87/100.—7th August, 1904.—Skelton, Frostick, and Co., of Christchurch, New Zealand. 13th June, 1904.

No. 137/112.—Connell, Hogarth, and Co., of Melbourne, Victoria. 8th June, 1904.

No. 138/112.—Connell, Hogarth, and Co., of Melbourne, Victoria. 8th June, 1904.

F. WALDEGRAVE,  
Registrar.

*Subsequent Proprietors of Trade Marks registered.*

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

NOS. 80/2850 and 81/5445.—Robert Porter and Company, Limited, of Crinan Street, King's Cross, London, N., England, Bottlers of Ale, Stout, Cider, and Mineral and Aerated Waters. [R. Porter and Co.] 9th June, 1904.

No. 1919/1539.—Borden's Condensed Milk Company, of the City of Montclair and State of New Jersey, United States of America. [New York Condensed Milk Co.] 9th June, 1904.

F. WALDEGRAVE,  
Registrar.

*Application for Trade Mark withdrawn.*

THE following application for Trade Mark has been withdrawn:—

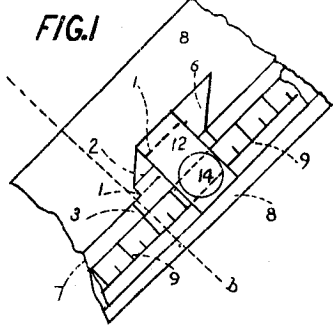
No. 4729.—J. Blau and H. Isaacs. (Advertised in Supplement to *New Zealand Gazette*, No. 45, of the 26th May, 1904.)

F. WALDEGRAVE,  
Registrar.

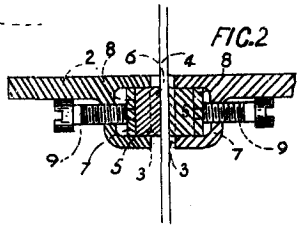


# ILLUSTRATIONS OF INVENTIONS.

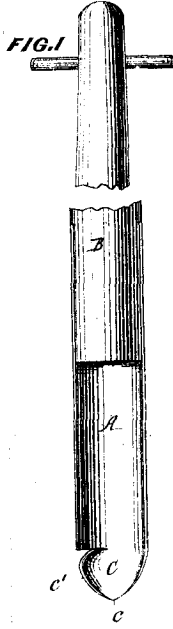
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



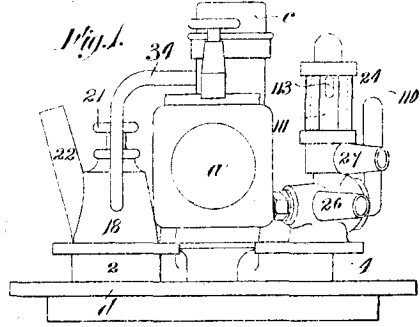
16662  
Dunne. Mitre-cutter Bar and Stop.



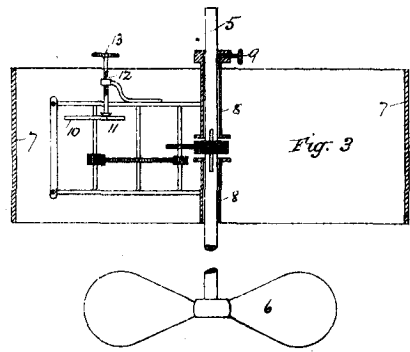
16654  
Wales. Circular-saw Packing-holder.



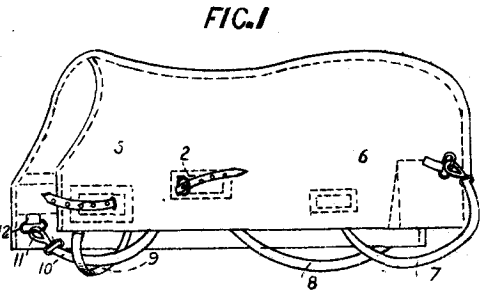
16918  
Currie and Anderson.  
Post-hole Borer.



16676  
Bodycomb. Milking-apparatus. (Lawrence.)



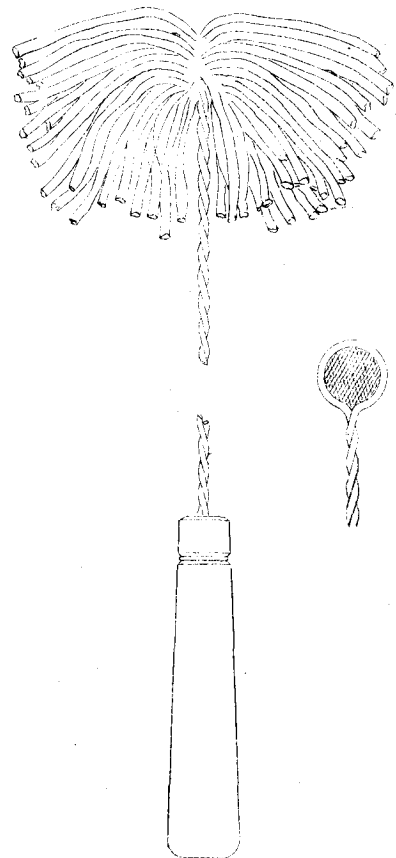
16807  
Smith. Mechanical Stirrer.



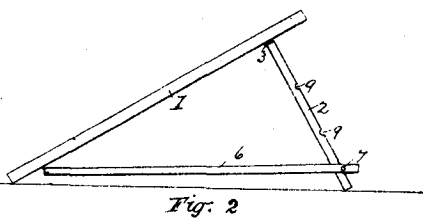
16889  
Thorpson. Animal-cover.



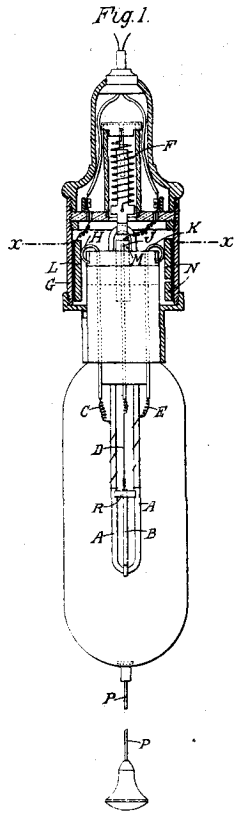
17715  
Mole. Sash-hanger.



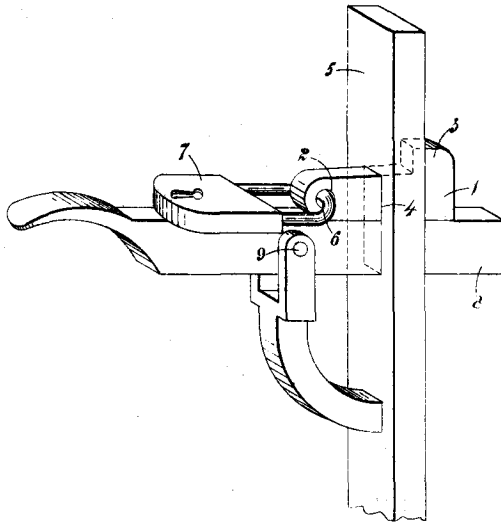
16859  
Gentles. Wash-up Mop.



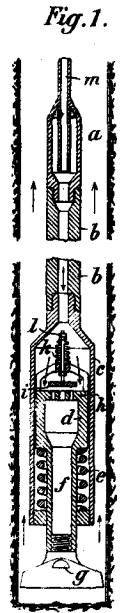
16969  
Gillow. Drawing-board, Easel, and T Square.



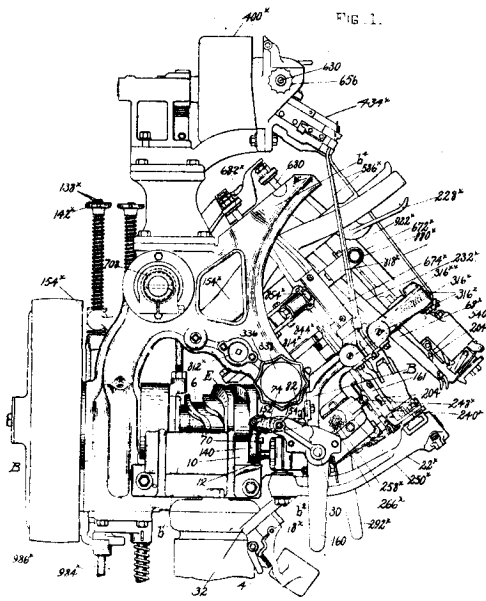
17682  
Sweetser. Electric Lamp.



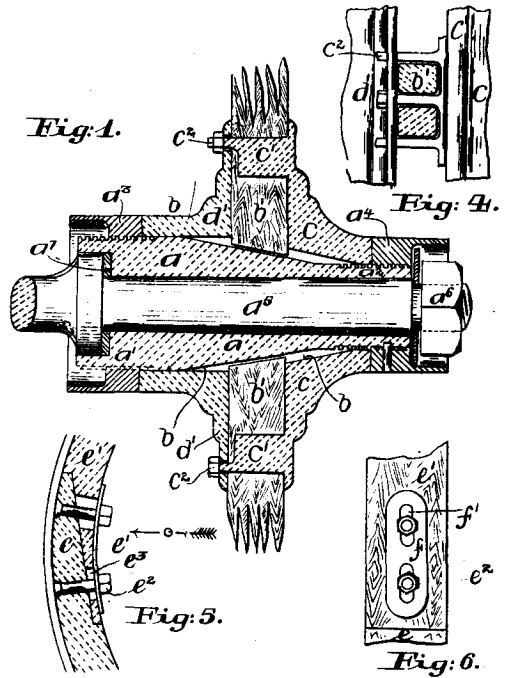
17119  
Strange and Coverdale. Latch-lock. (Dockery.)



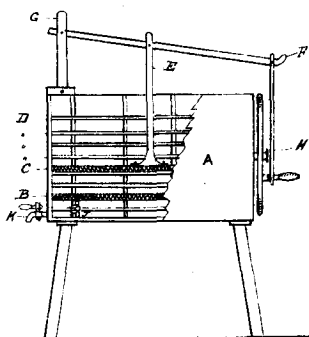
17957  
Wolski. Hydraulic Boring-apparatus.



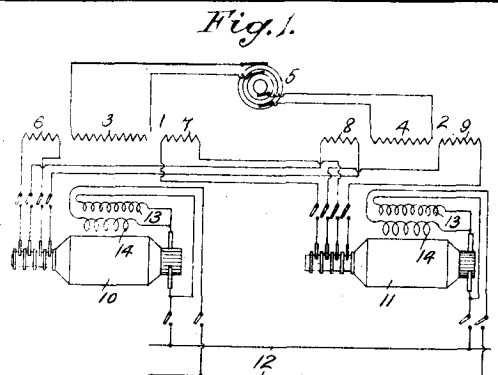
16817  
United Shoe Machinery Company. Pulling-over Machine. (McFeely.)



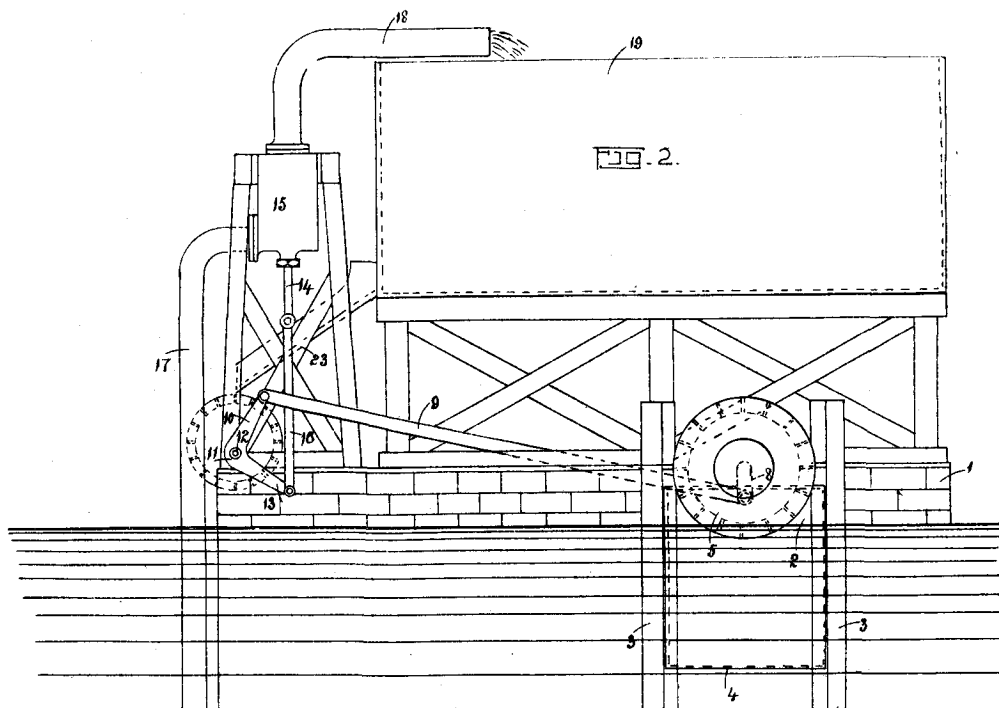
17603  
Coakley and McCallum. Wheel.



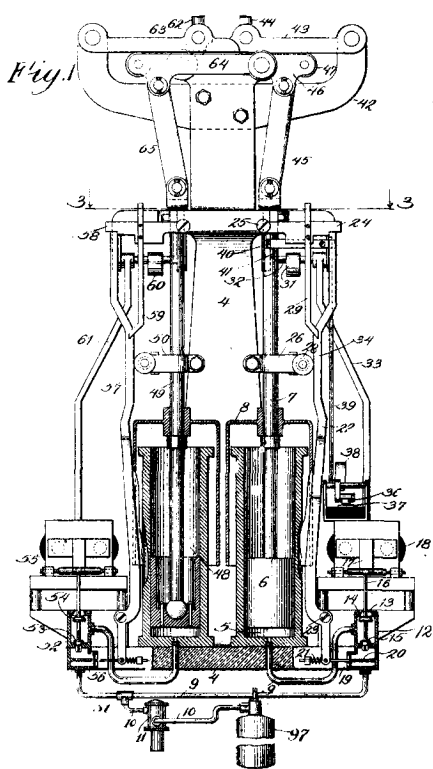
17338  
Butler. Washing-machine.



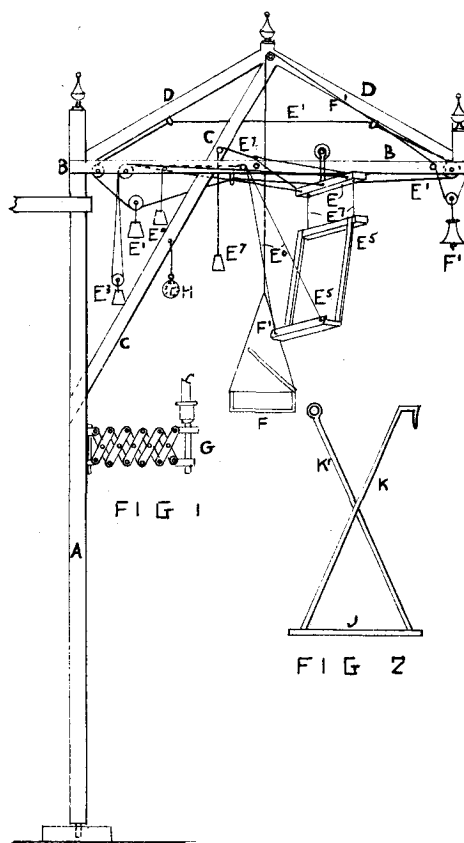
17619  
Hughes. Electrical Distribution.  
(The British Westinghouse Electric and Manufacturing Company, Limited.—Peck.)



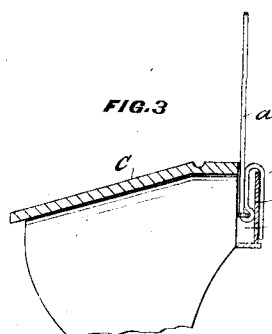
17814  
Meinung. Tidal-water Power Generator.



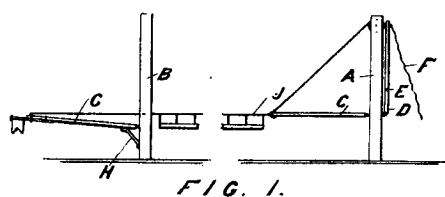
17917  
Hall Signal Com., any. Signal-apparatus. (Coleman.)



17930  
Jamison. Reading Desk and Table.

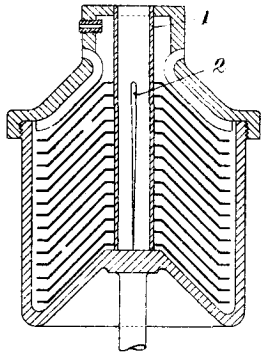


17943  
Hooper. Easel Attachment to Desk.

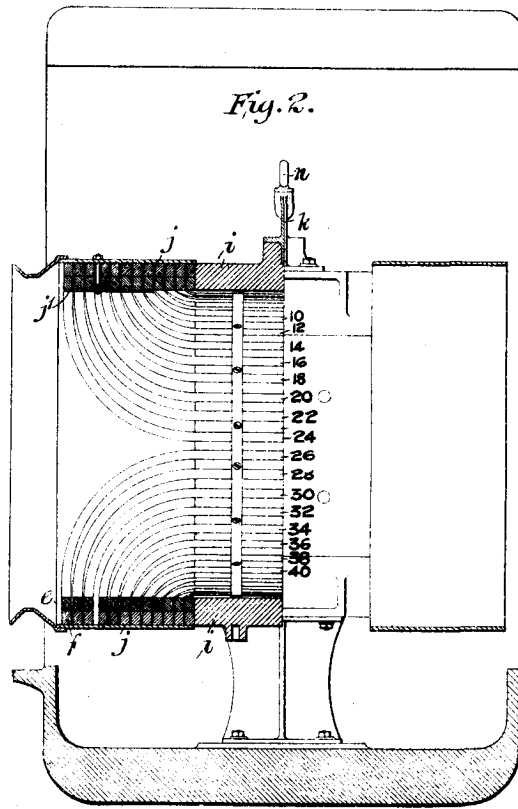


17426  
Winten. Race-starter.

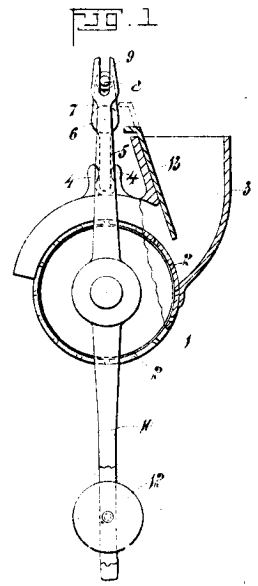




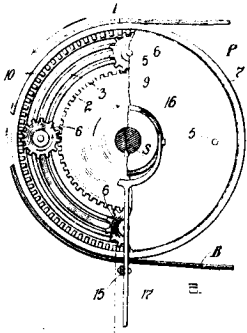
17948  
Aktiebolaget Sveaseparatorm. Centrifugal  
Separator-pipe. (Christenson).



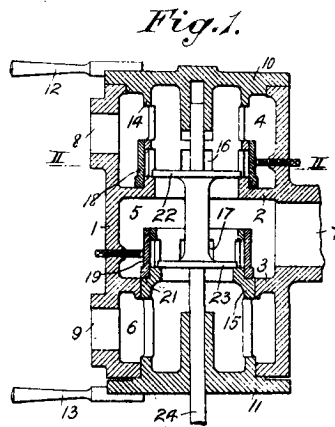
17946  
Parsons and Stoney. Dynamo.



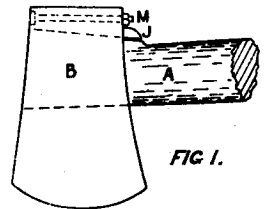
17960  
Gray. Seed-sower.



17949  
Jaehn and Emling. Pulley-driving Gear.



17947  
Campbell. Mixing-valve. (Merkt.)

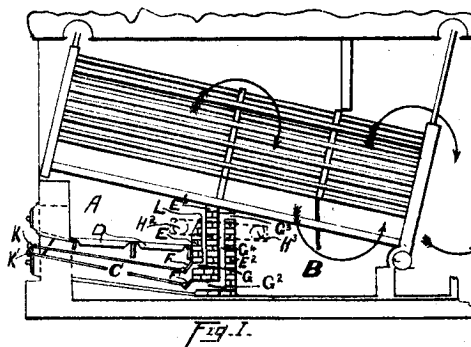


17903  
Clare. Axe.

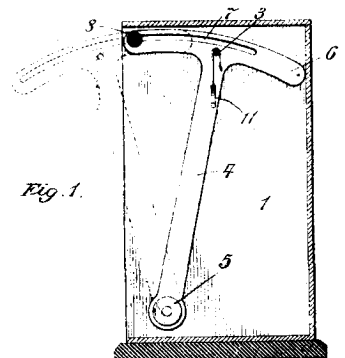
FIG. 3.



17977  
Scott. Cake-mould.



17945  
Cartwright. Smoke-consumer and Fuel-economiser.



17950  
Bonsall. Wardrobe.