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The *Gazettes* of the various States, containing lists of trade marks applied for, &c.

United States.

The Official *Gazette* (containing illustrated abridgments of inventions, &c.) to October, 1904.*

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 patents and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1888 inclusive.

Annual reports of the Registrar, containing alphabetical lists of applicants for letters patent and of inventions patented from 1889 to 1903 inclusive.

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

LOCAL PATENT OFFICES.

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

FORMS.

Forms of application and specification for letters patent, with sheet of information concerning fees and procedure, are obtainable without payment at the Patent Office, any local patent office or money-order office.

PATENT AGENTS.

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

* May be seen also at the Public Library, Christchurch.

Official Notices.

LIBRARY.

THE library attached to the Patent Office is open free to the public during office hours. It contains, amongst others, the following publications:—

United Kingdom.

Specifications and drawings of inventions accepted up to 8th September, 1904.

Classified abridgment of inventions to 1900.

Illustrated Official Journal to October, 1904.

Trade Marks Journal to July, 1904.

Canada.

Patent Office Record (containing illustrated abridgments of inventions) to May, 1904.*

Australian Commonwealth.

The Official *Gazette*, containing lists of applications for letters patent, &c.

* These may be seen also at the public libraries, Auckland and Christchurch.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 7th December, 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. 17447.—9th January, 1904.—ADOLPHUS JAMES PARK, of Ngaruawahia, Auckland, New Zealand, Mechanical Engineer. Improved means for suspending and operating window-sashes.*

Extract from Specification.—In carrying out the invention a flexible wire or other cord is passed across the top of the upper sash, and its respective ends passed upwards around a pulley secured near each edge of the sash, and then over pulleys secured upon the window-frame above and down through clips secured to the sides of the lower sash. These clips are so constructed as to allow of the cord passing freely through when it is pulled in a downward direction, but to grip upon and hold the cord when an upward pull is exerted upon it.

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

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

No. 17478.—15th January, 1904.—CHARLES H. WADDLE, of 21, Lees Street, Dunedin, New Zealand, Carriage-painter, and SAMUEL WHITE, of Princes Street South, Dunedin aforesaid, Coachbuilder. An improved table amusement.*

Claims.—(1.) The general construction, arrangement, and combination of parts composing our improved table amusement, all substantially as and for the purposes described. (2.) Improved apparatus for playing a table-game, comprising a rectangular frame, having its front ends connected by a cross-piece, two parallel cross-pieces at the rear end of the frame, numbered arched openings in the front one of said parallel pieces leading into chambers formed by transverse partitions between said parallel cross-pieces, and wires stretched along and slightly away from the inner sides of the frame adapted to be fastened thereto and tightened by means of thumb-screws, substantially as described.

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

No. 17512.—4th February, 1904.—WILLIAM HOYLAND, of Wellington, New Zealand, Cabinetmaker. Improvements in or relating to couches and the like.*

Extract from Specification.—In describing the invention it will be described in conjunction with an ottoman couch. The under-frame of the couch is made in the ordinary manner, its top being covered with wire-wove or other springs or padding. Overlying the under-frame is a frame of the same size, and this frame is hinged at its front edge to the corresponding edge of the under-frame so as to be capable of opening out to form a continuous surface with the under-frame. The under-side of the upper frame is covered with springs or padding similar to the top covering of the under-frame, and its upper surface is upholstered in the ordinary manner to constitute the couch-top. The upper-frame is provided with the usual head and ornamental back, and these, when it is turned out, will serve to support the outer edge of the hinged frame in a horizontal position.

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

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

No. 17514.—4th February, 1904.—ROBERT JAMES MOORE, of Ruahine, Rangitikei, New Zealand, Farm-hand. An improved milk-aerator.*

Claims.—(1.) In milk-aerators, a stand, a revolvable pillar or pole passing through such stand, arms adjustably secured to the pole, rings on the outer extremities of such arms, and open-topped inverted-cone-shaped vessels adapted to rest within such rings, and each formed with a perforated cylindrical extension at its lower end, substantially as specified. (2.) The general arrangement, construction, and combination of parts in my improved milk-aerator, as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 17519.—6th February, 1904.—GEORGE DENNIS, Jun., of Waikaiti, Otago, New Zealand, Farmer. Improved apparatus for raking material from sluice-boxes used for saving gold and the like.*

Claims.—(1.) Improved apparatus for raking material from sluice-boxes used for saving gold and the like, consisting of the parts arranged, combined, and operating, substantially as specified, and illustrated in the drawing. (2.) Apparatus for the purpose indicated, comprising in combination a framing in which tumblers are revolvably mounted, with means whereby the tumblers may be raised or lowered as required, endless chains passing around said tumblers, and tines fixed to the chains, said tines passing into and along a sluice-box, substantially as specified and illustrated.

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

No. 17522.—5th February, 1904.—ALEXANDER WILLIAM BICKERTON, of Wainoni Park, near Christchurch, New Zealand, Professor of Chemistry. A paper health shelter for the open-air treatment of disease and generally for sleeping in the open air protected from damp and draughts.*

Claims.—(1.) For the purpose indicated, the parts constructed, arranged, and operating substantially as specified and illustrated. (2.) For the purpose indicated, a shelter comprising two sides and a back section adapted to be bolted together, each section being covered with waterproof material at the lower part and having a space at the top covered with muslin or the like, a roof in two sections, each section having a purlin with rounded ends, said ends fitting holes in collarties, one upon the back and one upon the front of the building, substantially as specified and illustrated. (3.) In a shelter for the purpose indicated, the construction of a roof in two sections, each section having a purlin with rounded ends fitting into collar-ties upon the back and front of the shelter, a ridge-piece made in two sections, one section being secured to each part of the roof, substantially as specified and illustrated.

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

No. 17534.—8th February, 1904.—JOHN SNOWDEN, of Maropiu, Northern Wairoa, Auckland, New Zealand, Bush Contractor. A bullock-bow key.*

Claims.—A bullock-bow key comprising a pin having integrally formed curved spring flanges, adapted to pass around the bow when the pin is passed through a hole therein, substantially as specified and illustrated.

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

No. 17541.—11th February, 1904.—CHARLES SAMUEL HAWKESWOOD, of Scarborough Terrace, Parnell, near Auckland, New Zealand, Engineer. An improved roofing-tile, and ridging therefor.*

Claims.—(1.) The mixture of lime or cement and pumice made into tiles and ridging in the proportions of about one part of lime or cement to about three parts of pumice mixed in sufficient water to give the mixture a consistency like very stiff mortar for the purpose set forth as specified. (2.) The moulding the lime or cement and pumice mixed in water in the proportions given into the tile shaped as specified for the purpose set forth. (3.) The moulding the lime or cement and pumice mixed in water in the proportions given into the ridging shaped as specified for the purpose set forth.

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

No. 17685.—22nd March, 1904.—FREDERICK WILLIAM SEARS, of Wellington, New Zealand, Survey Draughtsman. An improved process for making half-tone copper, steel, or other plates for use in lithography, and as printing-blocks.*

Claims.—(1.) In the manufacture of half-tone engravings for lithography and other printing, the use of a half-tone positive produced by photographing through a screen the negative obtained by photographing the matter, substantially as specified. (2.) In lithography, printing from a half-tone positive on to a metal plate, and transferring from the plate to the stone, or printing from the positive directly on to the stone, substantially as specified. (3.) The improved process for making half-tone engravings for use in lithography and other printing, such process consisting in first photographing the desired matter, then photographing the negative thus obtained through a screen so as to produce a half-tone positive, and then printing from such positive on to a metal plate in the ordinary manner, substantially as specified. (4.) A process for making half-tone engravings for use in printing, such process consisting in first photographing the

desired matter, then photographing the negative thus obtained through a screen so as to produce a half-tone positive, then from such positive obtaining a contact negative, and then printing from such negative on to the plate in the ordinary manner, substantially as specified.

(Specification, 3s.)

No. 18326.—17th August, 1904.—THE NEW INVERTED INCANDESCENT GAS-LAMP COMPANY, LIMITED, whose registered office is at 23, Farringdon Avenue, London, England (assignees of James Bridger, of 23, Farringdon Avenue aforesaid, General Manager to said company). Improved means for supporting the mantles in inverted incandescent gas-lamps.

Extract from Specification.—To this end, the mantle-supporting ring (of refractory material, or metal) is formed or provided with small blocks or distance-pieces (say three), from which spring or branch supporting devices or arms (also of refractory material, or metal) of such a shape or formation in cross-section as to straddle or fit over, or upon, or into a corresponding number of triangular or equivalent-shaped projections or lugs near the lower end of the burner-tube. Or said supporting arms are formed at their inner end with a notch adapted to engage the upper ends or apices of the angular lugs or projections on the burner-tube.

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

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

No. 18657.—26th October, 1904.—BERTRAM GIBBS, of Stoke, Nelson, New Zealand, Blacksmith. An improved spreader for traces.

Claim.—A spreader for traces, the same consisting of a bar of suitable material, to each end of which is attached a flattened plate, formed with a tongue projection adapted to enter a link of the trace, and with two holes passing down through it, in combination with a pair of circular links threaded substantially through the holes at each end of the spreader, substantially as specified.

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

No. 18671.—25th October, 1904.—JOSEPH WELLINGTON FERGUSON and GEORGE WELSH FERGUSON, both of Sydney Road, Wangaratta, Victoria, Australia, Brickmakers. Improvements in brick- or briquette-making machines.

Extract from Specification.—The cycle of operation is as follows: The material, after having passed through grinding-rollers (situated in any suitable position), and in a plastic or semi-plastic state, falls into the hopper J. It is then by the worm forced through the shaping-passage L. As the top and bottom of the brick passes the holes in the side walls of the said shaping-passage some of the sand in the box C₁ adheres to the plastic material. This material continues exuding until its outer end strikes the striking-plate B₁. This plate forces the lever Y₁ outwardly from the machine against the spring A₁, and the lever Y by the link X forces the tappet S on the connecting-rod R into one of the teeth of the rotating ratchet-wheel V. It is retained in gear by the stud T bearing against the hopper side of the guide U, and when it has passed the same the spring A pulls it to its normal position. The connecting-rod is then drawn backwardly, and with it the lever Q, which turns the rocking-shaft and depresses the cutter-lever P. As the lever P descends so does the cutter M, and the clay is cut off and falls into the mouth of the press-box D₁. A partition is then dropped into the hopper, and the crank G₁, which is now in gear with the clutch, forces the ram by the pitman F₁ against the said partition. The clay mould is then forced forward in the press-box D₁, the sectional area of which may diminish with some clays. The moulds gather one behind the other, with a partition between each, and are ejected one at a time. The ejecting-crank continues rotating till its striking-surface R₁ strikes the clutch-lever P₁ and throws the clutch out of gear with the crank. The said crank then falls and rests upon a spring tongue or other withdrawable rest A₂, and remains there till further material is cut off and requires ejection. The clutch is again engaged with the crank by the tappet S striking the tappet end S₁ of the clutch-lever.

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

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

No. 18679.—1st November, 1904.—LEOPOLD NATHAN, of Zurich, Ausstellungsstrasse 104, Switzerland, Chemist. Improvements in brewing beer.

Claims.—(1.) Process for the production of beer on the sterilised system, with agitation of the wort during fermentation, characterized by the supply to the liquor of a quantity of air less than the amount which would be spontaneously taken up or absorbed by the wort when allowed to cool to normal atmospheric temperature. (2.) A practical modification of the process claimed in claim 1, in which the determinate quantity of air is gradually absorbed by the wort while the latter cools until a certain predetermined temperature is reached. (3.) A practical modification of the process claimed in claim 1, in which the air is supplied to the wort during the cooling of the latter until its temperature falls to 50° C. (4.) A special modification of the process according to claim 2, which consists in admitting CO₂ to the vessel in order to prevent the formation of a vacuum after cutting off the air-supply. (5.) A special modification of the process according to claim 1, in which the agitation of the liquor during fermentation is effected by blowing CO₂ through it.

(Specification, 6s.)

No. 18692.—3rd November, 1904.—ROBERT LAW, F.I.C., F.C.S., of Claverton, Windermere Road, Brighton Beach, near Melbourne, Victoria, Australia, Assayer. An improved automatic temperature-regulator for incubators and foster-mothers.

Claims.—(1.) The described automatic temperature-regulator for incubators and foster-mothers, consisting of the various parts constructed, arranged, and operating, substantially as and for the purposes specified, and as illustrated in the drawings. (2.) An automatic temperature-regulator for incubators and foster-mothers comprising a metallic or electric contact thermometer, a cell or battery, and an electro-magnet or solenoid, in combination with an armature upon a lever carrying a snuffer encircling the wick of the heating-lamp, substantially as and for the purposes specified, and as illustrated in the drawings. (3.) An automatic temperature-regulator for incubators and foster-mothers comprising a metallic or electric contact thermometer, a cell or battery, and an electro-magnet or solenoid, in combination with a lever carrying a damper arranged to open communication from the heating-flue to the atmosphere, substantially as and for the purposes specified, and illustrated in the drawings.

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

No. 18693.—3rd November, 1904.—EDMUND ALBERT ANGUS, of 1, Eglinton Street, Moonee Ponds, near Melbourne, Victoria, Australia, Contractor. Improvements in or relating to sewing-machines.

Extract from Specification.—The mechanism described in detail in the following specification accomplishes the following functions: It pushes the empty bobbin out of the bobbin-case and removes it, at the same time it brings a freshly wound bobbin into position to be pushed into the bobbin-case, pushes this in, threads the under-tension (*i.e.*, that upon the bobbin-case), cuts the cotton between the freshly wound bobbin and the supply-reel, winds another bobbin, and automatically throws the winding and charging mechanism out of gear when the bobbin-case has been recharged and the empty bobbin has been rewound, so that there will be no unnecessary friction.

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

(Specification, £1 5s.; drawing, 5s.)

No. 18695.—31st October, 1904.—WILLIAM DAWSON, of 44A, Shortland Street, Auckland, New Zealand, Photographic Engraver. Improvements in internal-combustion engines and vaporisers.

Extracts from Specification.—The first part of my invention consists in an arrangement of vaporiser, which is heated during the running of the engine by heat obtained from the exhaust gases, but the heat so obtained is carefully regulated by limiting conduction, so that the vaporiser is always kept at a low temperature sufficient for vaporising but not sufficient to cause destructive distillation and the production of tar. . . . The second part of my invention consists in an arrangement of automatic diaphragm pump, actuated by pressure from the motor cylinder during the working-stroke or by pressure from the exhaust gases during the discharge. The third part of my invention consists in an improved construction of governor, which is composed of a number of sector-shaped blocks forming together in their closed position a ring between a pair of guiding discs. The rings are controlled by a spring which is slipped over pins

attached to the sides of the sectors. The sectors are adapted to act against a plate and thereby control position of a governor-rod actuating any of the well-known governor devices. The fourth part of my invention consists in a combined inlet and exhaust valve of improved form. The fifth part of my invention consists in attaching in any suitable manner to the main piston a displacing piston of suitable area, which discharges through ordinary non-return valves into two reservoirs of considerable capacity. . . . The sixth part of my invention consists in a double-acting impulse-every-revolution oil-vapour engine in which my scavenging device is applied. The seventh part of my invention consists in providing a small vapour-tight retort, which may be jacketed with the exhaust gases or separately heated, down to the bottom of which passes a tube leading from an oil-supply tank, in which the oil is kept at a practically constant level or pressure according as gravity or air-pressure displacement is employed.

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

(Specification, 18s. ; drawings, 5s.)

No. 18712.—8th November, 1904.—FRANCIS ERNEST HORNIDGE, of 67, Hope Street, South Yarra, Victoria, Australia, Musician. Improvements in culinary utensils and lids.

Claims.—(1.) The general combination and arrangement as a whole of the aforesaid culinary-utensil improvements, substantially as illustrated. (2.) The improved culinary-utensil lid, with handle constructed substantially as aforesaid and illustrated. (3.) The combination with a culinary utensil having an ear or ears as aforesaid of a lid, having its rim and handle substantially as aforesaid and illustrated.

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

No. 18721.—10th November, 1904.—ARTHUR ELLIOTT JOHNSTONE, of 27, Chancery Lane, London, England, Engineer. Improvements in and relating to liquid-fuel burners.

Extract from Specification.—In operation it will be understood that the oil drips into the vaporiser on to the coil of steam piping, and the steam is led through the coil of piping, by which the oil is completely vaporised in the chamber. The steam, after passing through the coil of piping, passes through the nozzle, where it issues outwardly, inducing with it the oil which has previously been completely vaporised as described. It will be understood that by the means described the steam as well as the vapour is capable of being adjusted with the greatest nicety and precision. A drain-cock may be fitted to drain away the condensed steam when the burner is not in use.

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

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

No. 18722.—10th November, 1904.—JOHN LECK BRUCE, of Kogarah, New South Wales, Australia, Engineer. An improved apparatus for automatically lighting and extinguishing street and other gas-lamps from a distance.

Extract from Specification.—The essential feature of my invention is a mercury valve, which controls the gas-supply, and is operated by the rise and fall of a gasometer-bell or its equivalent actuated by predetermined variations of pressure in the gas-main. The operation of the valve may be obtained either by the direct action of the gasometer-bell or by means of a suitable intermediate mechanism, and the form of the valve may be either a small mercury-sealed bell or a displacer plunger immersed in mercury.

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

(Specification, 8s. ; drawings, 4s.)

No. 18723.—10th November, 1904.—WILLIAM GRIFFITHS, Stone-merchant, and BENJAMIN HARRY BEDELL, Engineer, both of Nos. 41 and 42, Hamilton House, Bishopsgate Street Without, London, England. Improved current-collector for use in stud-contact systems of electric traction.

Claims.—(1.) For use in a stud-contact system of electric traction of vehicles, a collector of electricity from successive studs, consisting of a chain of links which is flexible in a vertical plane, and so formed and suspended within the region of a pole of a magnet carried by the vehicle that, when the successive links pass over the studs, they are magnetically forced downwards to make contact therewith, the material, the arrangement, and the proportions of the parts being such that the reluctance of the magnetic cir-

cuit is lessened by such downward movement, means being provided for raising the links of the chain after passing the stud. (2.) A form of construction, according to claim 1, in which successive links are connected by horizontal pivots, and are sustained by springs normally out of contact with the road and between the plates of a horizontally extended pole of a magnet carried by the vehicle. (3.) A form of construction, according to claims 1 and 2, in which the ends of the collecting-chain are secured to the vehicle by means adapted to permit of the adjustment of the length of the chain.

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

No. 18724.—10th November, 1904.—MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED, of 18, Finch Lane, London, England (assignees of John Ambrose Fleming, of University College, Gower Street, London, England, Doctor of Science). Improvements in telegraphic signalling-keys.

Claims.—(1.) Operating a circuit-closer by a band resting on a continuously rotating pulley against which it is intermittently pressed. (2.) In apparatus such as is referred to in claim 1, pressing the band against the pulley by a jockey-pulley carried by a lever operated by an electro-magnet in the circuit of an automatic Morse transmitter.

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

No. 18725.—10th November, 1904.—MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED, of 18, Finch Lane, London, England (assignees of John Ambrose Fleming, of University College, Gower Street, London, England, Doctor of Science). Improvements in transmitting-instruments for wireless telegraphy.

Claims.—(1.) Revolving the metal surfaces between which the discharge takes place, substantially as described. (2.) Mounting each ball and its motor on a tilting-table, substantially as described. (3.) Enclosing the revolving surfaces in an airtight case provided with stuffing-boxes for the electrical and mechanical connections, substantially as described. (4.) Conveying the current to the revolving surfaces by mercury-cups fixed to or formed in their tops, substantially as described. (5.) Forming in or fixing to the top of each revolving surface a cup to receive the pivot, a non-conducting tube being interposed between the pivot and the sides of the cup, substantially as described. (6.) Transmitting-instruments for wireless telegraphy, substantially as described, and illustrated in the drawings.

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

No. 18730.—10th November, 1904.—THE DIXIE MATCH COMPANY, New Jersey Corporation, of 15, Exchange Place, Jersey City, New Jersey, United States of America (assignees of William Henry Parker, of 15, Exchange Place aforesaid). Improvements in the art of making matches.

Claims.—(1.) The described improvement in the art of making matches, which consists in collecting a quantity of match-splints in a coil, with their bodies in contact and with their alternate ends projecting from their contracting portions, together with a separating medium to separate the splints row-wise. (2.) The described improvement in the art of making matches, which consists in arranging a quantity of matches side by side with the alternate splints longitudinally displaced, and then rolling the splints in a belt, which serves to separate the splints row-wise. (3.) The improved process of making matches set forth in the specification, and illustrated in the drawings.

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

No. 18736.—8th November, 1904.—TIMOTHY BEEHANE O'CONNOR, of Victoria Street, Auckland, New Zealand, Hotelkeeper. Improvements in bits and bridles for horse-racing, riding, or trotting purposes.

Extract from Specification.—The object of this invention is the detection of foul riding or the checking of the horse's pace by jockeys and riders when riding horses in a horse-race, or in trotting or in ordinary riding. The graphite S, by its movement across the face of the disc T, makes the markings, which give the record of the strength of the different pulls made during the race, and the fan or other indicator shows at once outwardly to the on-looker or spectator, by means of the colours used and their position in the fan r or indicator, the strength of the pulls made, thus rendering foul and unsteady riding to be recorded and discovered during the progress of the race. The fan r may be fitted to the head-strap z, opened up instead of being closed down flat, and be made to indicate the strength of

the pulls by closing, or it may be projected upward vertically cockade-shape, and be made to open out right and left or right or left as may be desired.

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

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

No. 18743.—15th November, 1904.—GEORGE ARCHIBALD LOWRY, of 1124, Monadnock Block, Chicago, Cook, Illinois, United States of America, Mechanical Engineer. Improvements in cotton-picking machines.

Extract from Specification.—In carrying out the principles of my invention, I provide, in the construction shown in Figs. 1 to 5, inclusive, a machine adapted to be supported upon wheels and to be drawn or propelled through a field, and I arrange on such machine gathering or picking devices to be power actuated or driven, and which are dirigible by attendants or operators carried by or seated on the machine, so as to be directed by the operators to the particular points where the opened bolls of cotton occur on a plant, and associated with such devices I propose to employ means for removing the gathered or picked cotton from the gathering or picking devices, and for delivering the same into suitable receptacles arranged to receive it. In practice I propose to employ a plurality of such picking or gathering mechanisms on each machine, and I arrange the machine to straddle the row of cotton-stalks, whereby the picking or gathering devices may be directed towards opposite sides of the same stalk, or towards different heights or levels, according to the requirements, thereby enabling the opened cotton to be gathered or picked clean. In some instances it may be desired merely to relieve the operators of the exertion and labour of walking through the fields to gather or pick the cotton, as well as the labour of carrying with them as they progress through the field the gathered or picked cotton, while at the same time enabling them to manually gather or pick the crop. In such case the gathering or picking devices are omitted, and a vehicle for transporting the operators is progressed through the field, and in such relation to the cotton-stalks as to enable the operators to gather or pick by hand the opened cotton, but instead of the operators carrying the cotton as gathered or picked, means are provided for conveying the picked cotton from the operators to a suitable receptacle, also carried by the machine, arranged to receive it, such a construction being indicated in Figs. 7, 8, and 9. It is obvious that many specifically different constructions and arrangements of devices and apparatus may be devised for accomplishing these objects and purposes. While, therefore, I have shown and will now describe one construction and arrangement of apparatus embodying the above principles and mode of operation, I desire it to be understood that I do not limit or restrict myself nor the scope of the invention to the specific construction and arrangement of parts shown and now to be described.

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

(Specification, £1 5s.; drawings, 3s.)

No. 18745.—15th November, 1904.—WILLIAM WILLIAMS, of Mount Gambier, South Australia, Australia, Machinist. Improvements in and relating to chaff-cutters.

Extract from Specification.—This invention relates to chaff-cutting machines, and its object is to provide means whereby the cutters or knives can be sharpened while the machine is in motion, and without stopping its work. This is accomplished by mounting a sharpening-device, such as a piece of hardened steel, a black diamond, a stone, or other material in such a position that as the cutter rotates the bevelled edge or back of the cutter is drawn along against the sharpening-device. The pressure of the sharpening-device upon the cutter-edge is so adjusted that the blade is not worn away rapidly, but is merely kept keen and sharp. At the same time the sharpener removes any gum from the cutters, and straightens out any dents which may be made by sticks or stones in the edge of the cutter.

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

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

No. 18746.—15th November, 1904.—JOSEPH HEDLEY, of Stephens Street, Neerim South, Victoria, Australia, Tinsmith and Plumber. Improvements in the covering of cream or like cans.

Claim.—Improvements in the covering of cream or like cans, consisting of a shell or casing, said casing being in two halves and having a vertical seam on each side, or being in

one piece with one vertical seam, an outstanding protruding bead near the top of said can, drop-handles on the can-side, internal protruding corrugations or male half-threads one on each side of the interior of the can, in combination with a cover having a cap-piece, a ventilator in the middle of said cap-piece provided with downwardly converging walls protruding above and below the cover-perforations in said walls above the said cover, a top above said ventilator, a side-piece below the cap-piece, a lip or shoulder around the bottom of said cap-piece, two half-rings attached to said lip or shoulder, each half-ring having a female half-thread therein, and being shallow at one end and deep at the other, drop-rings or handles attached to each side-piece for turning the cover, all as and for the purposes described, and as illustrated in the drawings.

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

No. 18753.—16th November, 1904.—CHARLES JACOB HONORE, of Otakeho, New Zealand. An improved milk-cooler.

Claims.—(1.) The improved milk-cooler, the same consisting of a ring of piping adapted to surround a milk-can and provided with perforations upon its inner periphery, such pipe-ring being connected to a water-containing vessel, substantially as specified. (2.) An improved milk-cooler, the same consisting of a ring of piping formed with perforations on its inner periphery and connected to a water-containing vessel, such ring being adapted to surround a milk-can, and being provided with means whereby it may be suspended from the top of the can and be kept at an equal distance from the surface of the can throughout its length, substantially as specified.

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

No. 18755.—14th November, 1904.—PERCEVAL MANFIELD NEWTON, of Christchurch, New Zealand, Patent Attorney (nominee of Edwin Charles Hiscox, Engineer, and Thomas Louttit Livingston, Gentleman, both of 28, Victoria Street, London, England). Improvements in machinery for washing and drying clothes and other articles of a like nature.

Claims.—(1.) A combined washer and hydro-extractor, constructed, arranged, and operating as shown and described. (2.) In a combined washer and hydro-extractor, the adaptation, in an enclosing casing, of a rotating frame carrying a set of freely rotating cages, as and for the purpose set forth. (3.) In a combined washer and hydro-extractor, a rotating frame for carrying freely rotating cages, having jointed or hinged radial arms, as and for the purpose set forth. (4.) In a combined washer and hydro-extractor, a casing provided with hollow trunnions, whereby it may be tipped in bearings in a suitable framing, and having a passage or passages in the walls thereof, and provided with ball or other bearings for a shaft carrying in any convenient manner sets of cages, as and for the purpose set forth.

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

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

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

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

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

F. WALDEGRAVE,
Registrar.

Provisional Specifications.

Patent Office,
Wellington, 7th December, 1904.

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

No. 18715.—10th November, 1904.—RICHARD FARRAH THOMAS, of "Leadenhall," Market Street, Melbourne, Victoria, Merchant, and SILAS ALLEN BRADLEY, of Kilmore, Victoria aforesaid, Orchardist. An improved fruit-case.

No. 18716.—10th November, 1904.—JOHN HERRICK, of Kingsland, Auckland, New Zealand, Grocer's Assistant. Mop-wringing attachment to buckets.

No. 18761.—14th November, 1904.—PERCY ARTHUR SEYMOUR STEPHENS, of Ashburton, New Zealand, Cabinet-maker. Improved machine for polishing or brushing boots and shoes.

No. 18762.—18th November, 1904.—HENRY ASHWORTH, of Wadestown, Wellington, New Zealand, Engineer. An improved departure and arrival indicator for railways and the like.

No. 18763.—18th November, 1904.—WILLIAM SINCLAIR, of Stratford, New Zealand, Bricklayer and Plasterer. An appliance for use with open fireplaces for regulating the draught and curing smoky chimneys.

No. 18764.—18th November, 1904.—JOSEPH FOORD WILSON, of Invercargill, New Zealand, Surgeon Dentist. Improved friction-clutch.

No. 18765.—14th November, 1904.—WILLIAM SMALL CAMPBELL, of corner of George and Costley Streets, Ponsonby, Auckland, New Zealand, Clerk. A mixture for spraying and destroying blight on potato tops.

No. 18766.—14th November, 1904.—THOMAS WILLIAM MAX, of Hackett Street, Ponsonby, Auckland, New Zealand, Builder's Foreman. Improvement in steam exhaust for rotary turbine engines and the like.

No. 18767.—17th November, 1904.—JAMES DIGNAN, of Hobson Street, Auckland, New Zealand, Gentleman. An instrument for castrating, docking, and ear-marking sheep, cattle, and horses.

No. 18768.—19th November, 1904.—WILLIAM EDWARD TOXWARD, of Palmerston North, Wellington, New Zealand, Carpenter, and DITLEV GOTHARDT MONRAD, of Palmerston North aforesaid, Farmer. Improved apparatus for stirring milk.

No. 18770.—18th November, 1904.—DAVID BOWER, of Dunedin, New Zealand, Tinsmith. Improvements in milk-cans.

No. 18771.—19th November, 1904.—JAMES ORR, Jun., of Waitohi, New Zealand, Farmer. Improvements in and relating to means for conveying sheaves from a stack to a threshing-machine.

No. 18773.—21st November, 1904.—ROBERT DYSON KELLY, of Pigeon Bay, Canterbury, New Zealand, Blacksmith. Improved breeching arrangement for harness.

No. 18774.—21st November, 1904.—JOHN GEORGE DENNISON, of West Belt, Timaru, Canterbury, New Zealand, Carpenter. An improved potato-digging machine.

No. 18777.—18th November, 1904.—JAMES PATERSON, Plumber, and ANDREW TAIT WALKER ALLAN, Miner, both of Thames, New Zealand. Improvements in gold-saving.

No. 18779.—19th November, 1904.—WILLIAM MARTIN PRITCHARD, of Auckland, New Zealand, Bootmaker, JAMES STOKES BOYLE, of Auckland aforesaid, Cabinetmaker, and WILLIAM WHITE, of Great North Road, near Auckland aforesaid, Agent. A heat- and damp-resisting boot sole and upper.

No. 18780.—19th November, 1904.—JAMES HENRY TONER, of Waitahuna, New Zealand, Commission Agent. Improvements relating to seats for vehicles.

No. 18781.—22nd November, 1904.—EDWIN BURCHETT, of 176, Oxford Terrace, Christchurch, New Zealand, Motor Expert. Metallic cover for the tires of motor-cars and the like.

No. 18782.—22nd November, 1904.—HECTOR NORMAN MCLEOD, of Wellington, New Zealand, Civil Servant. Improvements in gold-saving tables.

No. 18785.—24th November, 1904.—JOHN JAMES WARD, of Onamalutu, Wairau, Marlborough, New Zealand, Builder. Improved means for use in tightening fencing-wires.

No. 18786.—24th November, 1904.—JOHN WILLIAM ROONEY, of Smith Street, Caversham, Otago, New Zealand, Decorative Artist. Improvements relating to trolley-poles for electric traction.

No. 18791.—24th November, 1904.—JOHN THOMSON, of Invercargill, New Zealand, Merchant. Improvements in tires for vehicle wheels.

No. 18792.—23rd November, 1904.—JOSEPH HENRY FULLER, of Wood Street, Ponsonby, Auckland, New Zealand, Indent and Commission Agent. A writing-desk, blackboard, and lithographic copy combined.

No. 18793.—26th November, 1904.—THOMAS CHARLES HEMENT, of Hereford Street, Christchurch, New Zealand, Engineer. Improved ridging.

No. 18800.—25th November, 1904.—JOSEPH WELLINGTON FERGUSON and GEORGE WELSH FERGUSON, both of Sydney Road, Wangaratta, Victoria, Australia, Brickmakers. An improved brick-making machine.

No. 18802.—29th November, 1904.—MARC RUTTY, of 58, Margaret Street, Sydney, New South Wales, Australia, Merchant (nominee of Henri Dufaux and Armand Dufaux, both of 6, Rue de Lancy, Acacias, Geneva, Switzerland, Manufacturers). Improvements in and relating to explosion motors for cycles.

No. 18807.—29th November, 1904.—EDRIC GEORGE ARTHUR HILLE, of Kakanui, Otago, New Zealand, Farmer. Improved means and apparatus for eradicating couch grass and other noxious weeds.

No. 18809.—1st December, 1904.—CHARLES WOODFORD, of 85, Rowe Street, Sydney, New South Wales, Australia,

Plumber. Improved disinfectant, or fluid disinfectant, or deodoriser supplying vessel for flushing cisterns and the like.

No. 18810.—26th November, 1904.—ARTHUR DALE, of Timaru, New Zealand, Labourer. An invention for preventing fencing-standards from sinking in the ground below required depth.

No. 18811.—28th November, 1904.—NEWBOLD LE ROY TRACY, of 76, Pitt Street, Sydney, New South Wales, Australia, Manufacturers' Agent (nominee of Albert Romaine Colton, of Newark, Essex, New Jersey, United States of America). Improvements in invisible lacing, applicable for garments, habiliments, and the like.

No. 18812.—1st December, 1904.—SEPTIMUS WILLIAM ROBSON, of 69, Ingestre Street, Wellington, New Zealand, Poulterer, and BRUCE GOUDIE, of 5, Macdonald Crescent, Wellington aforesaid, Engineer. An improved ashpan for ranges and the like.

No. 18821.—1st December, 1904.—HERBERT HENRY NICHOLSON, of Pukeuri, Otago, New Zealand, Inventor. Improved apparatus for trapping birds.

No. 18824.—3rd December, 1904.—CHARLES BROADHEAD, of 42, Ingestre Street, Wellington, New Zealand, Blacksmith, and THOMAS HARRIS, of Adelaide Street, Petone, New Zealand, Fitter. Improved knife and fork cleaner.

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 19th November to the 2nd December, 1904, inclusive:—

- No. 16212.—W. P. Nolan, ticket-dater.
No. 16303.—A. G. Baker, C. and G. Croxford, and J. McQueen, shot-making machine.
No. 16742.—G. L. Cole, sprinkler attachment for bottles.
No. 16754.—J. Benson, collar and hames.
No. 16761.—J. D. Coomber, raising gold.
No. 16807.—E. S. Smith, mechanical stirrer.
No. 16813.—C. C. Kidd and P. Kilkelly, ditch plough.
No. 16833.—A. S. Dewhurst, brooch-pin.
No. 17033.—D. C. McDonald, treatment of oats.
No. 17159.—G. Leach, cream-separator.
No. 17161.—E. M. Perdriau, riding and driving coat (H. Daniell).
No. 17172.—W. J. O'Hara, wagon.
No. 17216.—A. E. Watson, mounting for rotary scraper for agricultural implements.
No. 17315.—J. B. Hadaway, channel flap-laying machine.
No. 17363.—J. Ritscher, throw-crank for cycle.
No. 17370.—D. C. McDonald, treating grain.
No. 17604.—T. G. Stevens, cycle-saddle.
No. 17618.—A. G. Baker, cutting material into strips and blocks.
No. 17795.—G. Johnson and P. R. Hare, fermentation of liquids.
No. 17810.—O. L. Olden and P. V. Barnard, gold extraction.
No. 18084.—J. Adams, nut-wrench.
No. 18112.—A. H. Imbert, zinc and lead extraction.
No. 18166.—F. Cotton, generating combustible gas.
No. 18229.—S. W. Bonsall, combination hanger.
No. 18230.—G. and F. L. Watson, refuse-furnace.
No. 18231.—The Leslie Walker Instantaneous Fire Detector and Fire Indicator Company, Limited, temperature alarm (C. L. Walker).
No. 18235.—Bryant and May, Limited, matchbox-filling machine (J. P. and C. F. Wright).
No. 18238.—H. L. Mitchell, G. C. Oakley, and G. W. Goode, composition for binding coal-dust.
No. 18294.—H. Ward, ventilating skylight.
No. 18307.—W. Stevenson, dining and billiard table.
- F. WALDEGRAVE,
Registrar.

Letters Patent on which Fees have been paid.

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

SECOND TERM FEES.

- NO. 13187.—H. J. Jones and J. Baker, acetylene-gas generator. 23rd November, 1904.
No. 13193.—W. H. Eyres, shearing-machine. 24th November, 1904.

No. 13211.—F. J. Odling and W. Jamieson, magnetic separator. 1st December, 1904.

No. 13218.—The Royal Bank of Australia, Limited, ore-roasting furnace. (T. D. Merton.) 24th November, 1904.

No. 13315.—E. C. Pohlé and S. Croasdale, reduction of refractory ores. 22nd November, 1904.

No. 13388.—W. E. Hughes, bottle. (A. C. C. Liardet.) 1st December, 1904.

THIRD-TERM FEES.

No. 10229.—H. Hodsdon, totalisator. 1st December, 1904.

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. 10232.—John Henry Ormond, of Gisborne, in the Colony of New Zealand, Coachbuilder, water-filtering apparatus. [J. H. Ormond and T. Ritchie.] 24th November, 1904.

No. 14034.—Hugh Cameron, Farmer, John Galt, Blacksmith, and John Taylor, Rabbit Exporter, all of Mataura, New Zealand, flax-scutchers. [J. Taylor and A. E. Reeves.] 23rd November, 1904.

No. 17526.—Window-glass Machine Company, of Farmers' Bank, Pittsburg, Allegheny County, Pennsylvania, United States of America, drawing glass. [W. H. Waters—The Window-glass Machine Company—J. H. Lubbers.] 23rd November, 1904.

No. 18307.—The Direct Supply Company, Limited, of the City of Auckland, in the Provincial District of Auckland, New Zealand, Merchants (registered as licensees of the sole right to manufacture and sell for that part of the North Island of New Zealand south of and including Patea, Tokaanu, and Gisborne, in a straight line from Patea to Tokaanu and from Tokaanu to Gisborne). Dining and billiard-table. [W. Stevenson.] 26th November, 1904.]

F. WALDEGRAVE,
Registrar.

Clerical Error corrected in Application for Letters Patent.

THE request for correction of clerical error in the specification in the following case has been allowed:—

No. 18271.—W. F. Rifenburg, muller and amalgamator (advertised in Supplement to *New Zealand Gazette*, No. 80, of the 29th September, 1904).

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent abandoned.

LIST of applications for Letters Patent, with which provisional specifications only have been filed, abandoned (i.e., complete specifications not lodged) from the 24th November to the 7th December, 1904, inclusive:—

No. 17495.—F. Elvines and T. Hall, water-tank filter.

No. 17498.—A. R. Murphy, bicycle-support.

No. 17500.—D. G. Sutherland, tobacco-pipe.

No. 17502.—W. White, fencing-standard.

No. 17503.—J. W. Scully and J. Anthony, plate for oysters.

No. 17504.—C. T. Hodges, gutter.

No. 17505.—J. Fletcher, fire-alarm.

No. 17509.—W. P. Simmonds, sight and sound of music.

No. 17513.—W. T. Nuttall, trouser-suspender.

No. 17515.—W. A. J. Dutch and J. Forsyth, heating milk.

No. 17517.—W. Harvey, bucket-handle projection support.

No. 17520.—W. Brierly and G. Fraser, road-sweeper.

F. WALDEGRAVE,
Registrar.

Application for Letters Patent void.

APPLICATION for Letters Patent, with which complete specifications have been lodged, void owing to non-acceptance of such complete specifications, from the 24th November to the 7th December, 1904, inclusive:—

No. 16921.—F. G. Shury, filter for boiler.

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent lapsed.

LIST of applications lapsed owing to Letters Patent not being sealed, from the 24th November to the 7th December, 1904, inclusive:—

No. 16390.—J. N. du Feu, boot-heel.

No. 16413.—A. V. H. Monro and H. G. W. L. Noy, safety grip-block.

No. 16420.—A. G. Mackay, chamber utensil.

No. 16422.—J. C. Morgan, animal-cover fastening.

No. 16448.—H. L. Mainland, cuff-fastener.

F. WALDEGRAVE,
Registrar.

Letters Patent void.

LETTERS Patent void through non-payment of renewal fees from the 24th November to the 7th December, 1904, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 12926.—The British Westinghouse Electric and Manufacturing Company, Limited, indicating speed, &c., of electric generator. (R. D. Mershon.)

No. 12927.—F. L. Graham, penholder.

No. 12929.—J. Watson, J. M. Taylor, and H. Oakley, ventilating ridge-capping.

No. 12932.—D. Brigham, Making horse-collar rolls.

No. 12934.—W. R. Fry, tea-receptacle. (S. R. Bellingham.)

No. 12936.—A. Brebner, revolving apparatus for light-house.

No. 12940.—J. Jones, hanging gates.

No. 12944.—N. Bidstrup, J. Marchbank, and J. Noble, plate for boot-sole.

No. 12948.—W. O. Taylor, rotary engine. (E. B. Tree.)

No. 12949.—J. Bragge, railway-carriage truck.

No. 12950.—W. H. Baxter, imparting motion to machinery.

No. 12952.—G. T. Ritchie, nightsoil and garbage destructor.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 9832.—W. Toogood, fibre-cleaner.

No. 9863.—P. G. de Schodt, lighting and heating systems by gas, mineral oil, &c.

No. 9864.—J. M. Ewen, lighting basements and dark rooms. (J. G. Pennywick.)

No. 9870.—G. E. Grimwood, horse-collar.

F. WALDEGRAVE,
Registrar.

Applications for Registration of Trade Marks.

Patent Office,

Wellington, 7th December, 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: 4447.

Date: 15th November, 1903.

TRADE MARK.

The word

CHAMPION.

NAME.

SMITH AND SMITH, of Dunedin, New Zealand, Colourmen.

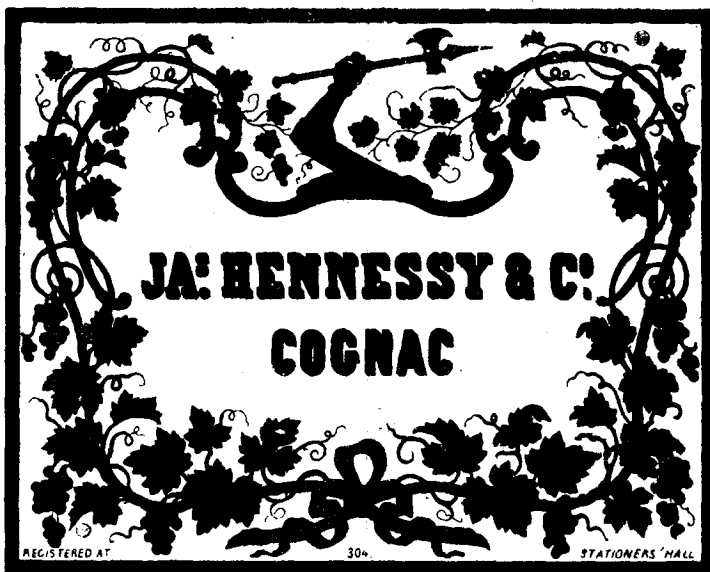
No. of class: 1.

Description of goods: Paints.

No. of application: 4968.

Date: 21st October, 1904.

TRADE MARK.



The applicants claim that the said trade mark has been in use by them in respect of the article mentioned for upwards of sixteen years at least—that is to say, since the year 1888.

NAME.

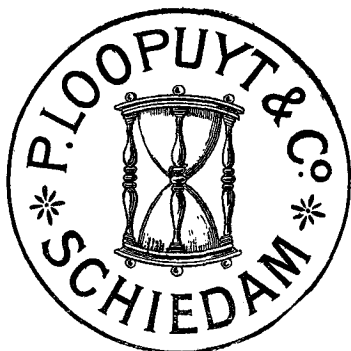
JAS. HENNESSY AND Co., of Cognac, France, Brandy-merchants.

No. of class: 43.

Description of goods: Brandy.

No. of application : 5017.
Date : 14th November, 1904.

TRADE MARK.



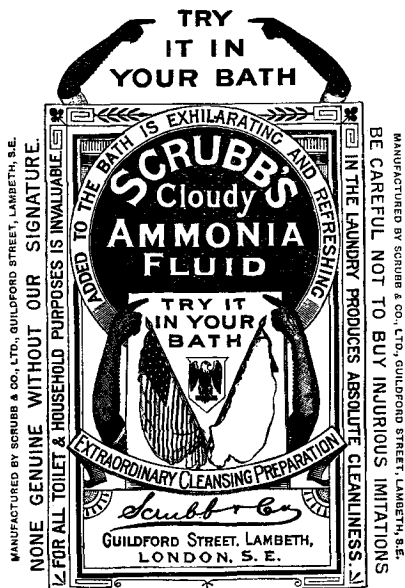
NAME.

PIETER LOOPUYT, trading as P. Loopuyt and Co., of 49, Lange Nieuwstraat, Schiedam, Holland, Spirit Merchant.

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

No. of application : 5018.
Date : 14th November, 1904.

TRADE MARK.



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

NAME.

SCRUBB AND Co., LIMITED, of Guildford Street, Lambeth, London, England, Manufacturers.

No. of class : 47.
Description of goods : A cleansing-preparation.

B

No. of application : 5019.
Date : 14th November, 1904.

TRADE MARK.

(The mark as shown in preceding notice, No. 5018.)

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

NAME.

SCRUBB AND Co., LIMITED, of Guildford Street, Lambeth, London, England, Manufacturers.

No. of class : 48.
Description of goods : A toilet-preparation.

No. of application : 5022.
Date : 16th November, 1904.

TRADE MARK.

The word

DISPARENE.

NAME.

THE AUSTRALIAN EXPLOSIVES AND CHEMICAL COMPANY, LIMITED, of No. 356, Little Collins Street, Melbourne, in the State of Victoria, and Commonwealth of Australia.

No. of class : 2.
Description of goods : A chemical substance used for agricultural, horticultural, veterinary, and sanitary purposes.

No. of application : 5023.
Date : 16th November, 1904.

TRADE MARK.

The word

CATHEDRAL.

NAME.

THE GILBERT MACHINERY COMPANY, LIMITED, of Jervois Quay, Wellington, New Zealand.

No. of class : 16.
Description of goods : Roofing-tiles.

No. of application : 5024.
Date : 16th November, 1904.

TRADE MARK.

The word

CYCLONE.

NAME.

THE GILBERT MACHINERY COMPANY, LIMITED, of Jervois Quay, Wellington, New Zealand.

No. of class : 47.
Description of goods : Lubricating and batching oils (mineral and fish).

No. of application : 5025.
Date : 19th November, 1904.

TRADE MARK.

The word

CREMO.

NAME.

WILSON, BALK, AND Co., of Jetty Street, Dunedin, New Zealand, Manufacturers.

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

No. of application : 5026.
Date : 19th November, 1904.

TRADE MARK.

The word

GOLDAVA.

NAME.

WILSON, BALK, AND Co., of Jetty Street, Dunedin, New Zealand, Manufacturers.

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

No. of application : 5027.
Date : 19th November, 1904.

TRADE MARK.

The words

WELCOME NUGGET.

NAME.

WILSON, BALK, AND Co., of Jetty Street, Dunedin, New Zealand, Manufacturers.

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

No. of application : 5029.
Date : 22nd November, 1904.

TRADE MARK.

The word

MINERVA.

NAME.

MINERVA MOTORS, LIMITED, of 40, Holborn Viaduct, London, in the United Kingdom, Manufacturers.

No. of class : 22.
Description of goods : Motor bicycles and all goods in this class.

No. of application : 5031.
Date : 22nd November, 1904.

TRADE MARK.

The word

ZEROLIN.

Applicants disclaim any right to the exclusive use of the word "Zero."

NAME.

THE LINDE BRITISH REFRIGERATION COMPANY, LIMITED, of 35, Queen Victoria Street, London, England.

No. of class : 47.
Description of goods : A lubricating-oil.

No. of application : 5033.
Date : 23rd November, 1904.

TRADE MARK.

YANKEE



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

NAME.

A. TYREE AND Co., of Christchurch, New Zealand, Boot-manufacturers.

No. of class : 38.
Description of goods : Boots and shoes.

No. of application : 5034.
Date : 24th November, 1904.

TRADE MARK.

The word

MOTA.

NAME.

THE ASIATIC PETROLEUM COMPANY, LIMITED, of Exchange Chambers, 24 and 28, St. Mary Axe, London, E.C., England.

No. of class : 47.
Description of goods : Petroleum and petroleum spirits.

No. of application : 5035.
Date : 24th November, 1904.

The word

TRADE MARK.

PETROCONE.

NAME.

THE ASIATIC PETROLEUM COMPANY, LIMITED, of Exchange Chambers, 24 and 28, St. Mary Axe, London, E.C., England.

No. of class : 13.
Description of goods : Lamp-attachments.

No. of application : 5038.
Date : 25th November, 1904.

The word

TRADE MARK.

CYDERINE.

NAME.

ARTHUR TREVITHICK, trading as I. Wendel and Co., of Auckland, New Zealand, Wine-manufacturer.

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

No. of application : 5040.
Date : 25th November, 1904.

TRADE MARK.



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

NAME.

THE AGRICULTURAL AND PASTORAL FOOD COMPANY, LIMITED, of 7, Featherston Street, Wellington, New Zealand, Manufacturers of Live-stock Foods.

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

No. of application : 5041.
Date : 25th November, 1904.

TRADE MARK.



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

NAME.

THE AGRICULTURAL AND PASTORAL FOOD COMPANY, LIMITED, of 7, Featherston Street, Wellington, New Zealand, Manufacturers of Live-stock Foods.

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

No. of application : 5042.
Date : 28th November, 1904.

TRADE MARK.



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

NAME.

ROSS AND GLENDINING, LIMITED, of Invercargill, New Zealand, Warehousemen.

No. of class : 38.
Description of goods : Articles of clothing, such as hats of all kinds, caps and bonnets, hosiery gloves, boots and shoes, other ready-made clothing.

No. of application : 5043.
Date : 29th November, 1904.

TRADE MARK.



NAME.

CLARKE, NICKOLLS, AND COOMBS, LIMITED, of Hackney Wick Works, Hackney Wick, London, England, Manufacturing Confectioners.

No. of class : 42.

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

No. of application : 5044.

Date : 29th November, 1904.

TRADE MARK.

The word

CLARNICO

NAME.

CLARKE, NICHOLLS, AND COOMBS, LIMITED, of Hackney Wick Works, Hackney Wick, London, England, Manufacturing Confectioners.

No. of class : 42.

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

No. of application : 5045.

Date : 1st December, 1904.

TRADE MARK.

The words

AMBER TIPS.

NAME.

FLETCHER, HUMPHREYS, AND Co., of Christchurch, New Zealand, Merchants.

No. of class : 42.

Description of goods : Tea.

No. of application : 5046.

Date : 1st December, 1904.

TRADE MARK.

The word

SUCROSINE.

NAME.

THE AGRICULTURAL AND PASTORAL FOOD COMPANY, LIMITED, of 7, Featherston Street, Wellington, New Zealand, Manufacturers of Foods for Live-stock.

No. of class : 42.

Description of goods : Food.

No. of application : 5050.

Date : 1st December, 1904.

TRADE MARK.

The word

TORPEDO.

NAME.

AKTIENGESELLSCHAFT VORMALS SEIDEL AND NAUMANN, of Dresden, Saxony, a limited liability company incorporated and duly registered in accordance with the law of the Kingdom of Saxony.

No. of class : 6.

Description of goods : Sewing-machines.

No. of application : 5052.

Date : 29th November, 1904.

TRADE MARK.



The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned for twenty years before the 13th day of September, 1904.

NAME.

THE GUTTA PERCHA AND RUBBER MANUFACTURING COMPANY OF TORONTO, LIMITED, a company organized under the laws of the Province of Ontario, and having its head office at the City of Toronto, in the County of York, in the said Province, in the Dominion of Canada.

No. of class : 40.

Description of goods : Indiarubber belting, indiarubber vehicle and carriage cloths, insulating wire or indiarubber insulating materials, indiarubber druggists' sundries, indiarubber toys, balls, stamps, cushions, buckets, thread, and generally manufactures of indiarubber or gutta percha, or in which they form a component part.

No. of application : 5053.

Date : 29th November, 1904.

TRADE MARK.

(The mark as shown in preceding notice, No. 5052.)

The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned for twenty years before the 13th day of September, 1904.

NAME.

THE GUTTA PERCHA AND RUBBER MANUFACTURING COMPANY OF TORONTO, LIMITED, a company organized under the laws of the Province of Ontario, and having its head office at the City of Toronto, in the County of York, in the said Province, in the Dominion of Canada.

No. of class : 50.

Description of goods : Indiarubber hose, including cotton, linen, silk, or ramie hose packings, and mechanical indiarubber goods, and other manufactures of indiarubber, gutta percha, and kindred goods.

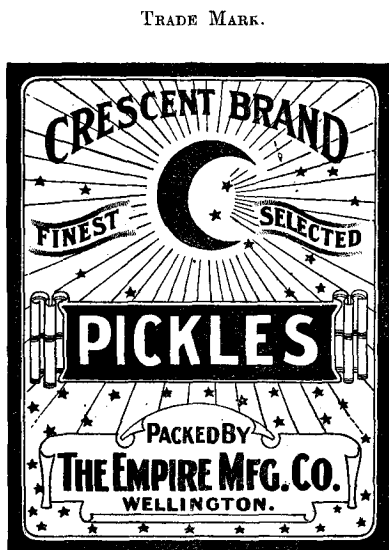
No. of application : 5054.
Date : 1st December, 1904.

TRADE MARK.
The word
"FLOREEDA."

NAME.
SARGOOD, SON, AND EWEN, of New Zealand.

No. of class : 38.
Description of goods : Boots and shoes.

No. of application : 4231.
Date : 9th June, 1903.



The essential particulars of this trade mark are the word "Crescent" and the general design of label; and any right to the exclusive use of the words "Finest selected pickles packed by" is disclaimed.

NAME.
W. AND G. TURNBULL AND Co., of Wellington, New Zealand, Merchants.

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

No. of application : 5055.
Date : 3rd December, 1904.

TRADE MARK.
The word
"HUIA."

NAME.
CHAS. McLEOD AND Co., of Port Ahuriri, Napier, in the Colony of New Zealand.

No. of class : 47.
Description of goods : Common soap.

No. of application : 5056.
Date : 3rd December, 1904.

TRADE MARK.
The word
"MAGNET."

NAME.
CHAS. McLEOD AND Co., of Port Ahuriri, Napier, in the Colony of New Zealand.

No. of class : 47.
Description of goods : Common soap.

No. of application : 5057.
Date : 3rd December, 1904.

TRADE MARK.
The word
VEGA.

NAME.
WALTER BUCHANAN, LIMITED, of Auckland, New Zealand, Confectioners.

No. of class : 42.
Description of goods : Bread and confectionery.

No. of Application : 5058.
Date : 5th December, 1904.



RUBBER HEELS

WILL CURE THAT BACKACHE

Relieve Rheumatism, Spinal Trouble, Headache and Gout.

FOR SALE BY ALL DEALERS.

FRANK W. WHITCHER & CO.,

14 Albany Street, Boston, Mass., U. S. A.

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

NAME.
FRANK WESTON WHITCHER, of 14, Albany Street, in the City of Boston, County of Suffolk, State of Massachusetts, United States of America, Merchant.

No. of class : 40.
Description of goods : Rubber heels and soles for boots and shoes.

No. of application : 5060.
Date : 6th December, 1904.

TRADE MARK.

The word

PODGY

NAME.

MARECHAL RUCHON AND Co., LIMITED, of London, England,
St. Claude, Jura, and Paris, France, Manufacturers.

No. of class : 50 (subsections 1, 2, 3, 4, and 10).

Description of goods : Tobacco-pipes and all other articles
for smokers included in such class.

No. of application : 5061.
Date : 6th December, 1904.

TRADE MARK.



NAME.

MARECHAL RUCHON AND Co., LIMITED, of London, England,
St. Claude, Jura, and Paris, France, Manufacturers.

No. of class : 50 (subsections 1, 2, 3, 4, and 10).

Description of goods : Tobacco-pipes and all other articles
for smokers included in such class.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 11th November
to the 6th December, 1904, inclusive :—

No. 3840 ; 4461.—E. Reece and Sons ; Class 47. (*Gazette*
No. 77, of the 15th September, 1904.)

No. 3841 ; 4572.—E. Row and Co ; Class 2. (*Gazette*
No. 31, of the 14th April, 1904.)

No. 3842 ; 4723.—The Pontnewydd Sheet and Galvanising
Company, Limited ; Class 5. (*Gazette* No. 77, of the
15th September, 1904.)

No. 3843 ; 4892.—W. A. Gibson ; Class 2. (*Gazette* No. 77,
of the 15th September, 1904.)

No. 3844 ; 4895.—L. Caselberg and Co. ; Class 45. (*Gazette*
No. 77, of the 15th September, 1904.)

No. 3845 ; 4896.—Aulsebrook and Co ; Class 42. (*Gazette*
No. 77, of the 15th September, 1904.)

No. 3846 ; 4903.—A. S. Paterson and Co. ; Class 42.
(*Gazette* No. 77, of the 15th September, 1904.)

No. 3847 ; 4880.—G. Bonnington ; Class 50. (*Gazette*
No. 77, of the 15th September, 1904.)

No. 3848 ; 4881.—G. Bonnington ; Class 50. (*Gazette*
No. 77, of the 15th September, 1904.)

No. 3849 ; 4770.—R. Mathews and Co., Limited ; Class
43. (*Gazette* No. 54, of the 23rd June, 1904.)

F. WALDEGRAVE,
Registrar.

Restoration of Trade Mark to the Register.

THE following trade mark has been restored to the
Register :—

No. 86/1761.—O. C. Beale, of Sydney, New South Wales.

F. WALDEGRAVE,
Registrar.

Trade Mark Renewal Fees paid.

FEEES paid for the renewal of the undermentioned Trade
Marks :—

For fourteen years from the 1st January, 1904 :—

No. 86/1761.—O. C. Beale, of Sydney, New South Wales.
1st December, 1904.

For fourteen years from the date first mentioned.

Nos. 110/86 and 111/87.—8th September, 1904.—A. C. A.
Nolet, of Schiedam, Holland. 20th September, 1904, and
1st December, 1904.

Nos. 162/121 and 163/122.—5th January, 1905.—Reckitt
and Sons, Limited, of Sydney, New South Wales. 1st De-
cember, 1904.

No. 176/136. 14th February, 1905.—The Christchurch
Meat Company, Limited, of Christchurch, New Zealand.
28th November, 1904.

No. 345/289.—16th October, 1905.—G. Sedlmayr and B. Z.
Spaten, of Munich, Germany. 1st December, 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. 356-297 and 357-298. T. and H. Smith, Limited,
a company duly registered under the Companies Acts,
whose registered office is at 21, Duke Street, Edinburgh,
Scotland, and who also have offices at 22, City Road, London,
England, and 37, Washington Street, Glasgow, Scotland,
Manufacturing Chemists. [T. and H. Smith and Co.]
29th November, 1904.

No. 1924-1536. Christopher Haswill Furness, trading as
R. Furness and Co., of Auckland, in the Colony of New
Zealand. [R. Furness.] 6th December, 1904.

F. WALDEGRAVE,
Registrar.

Clerical Errors in Applications for Trade Marks corrected.

THE requests for correction of clerical errors in the
following cases have been allowed :—

No. 4635, J. M. Mac Lulich ; No. 4770, R. Matthews and
Co., Limited ; and No. 4622, F. Wolff and Sohn. (Adver-
tised in Supplement to *New Zealand Gazette*, No. 80, of the
29th September, 1904.)

F. WALDEGRAVE,
Registrar.

Cancellation of Part of Entry of Trade Mark on Register.

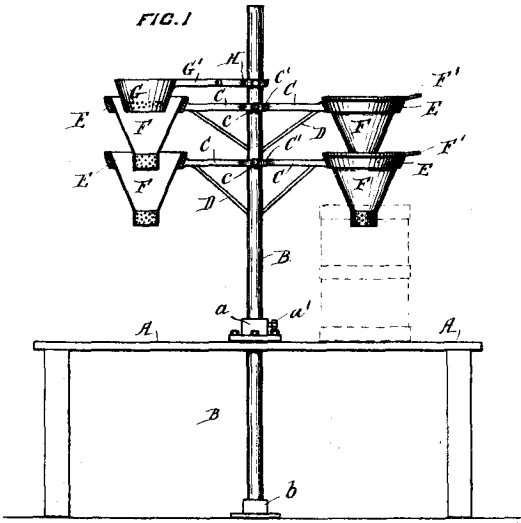
NO. 1924-1536.—R. Furness. (Advertised in Supplement
to *New Zealand Gazette*, No. 27, of the 18th March,
1897.) The entry on the Register has been cancelled by the
omission of "Pickles" from the statement of goods.

F. WALDEGRAVE,
Registrar.

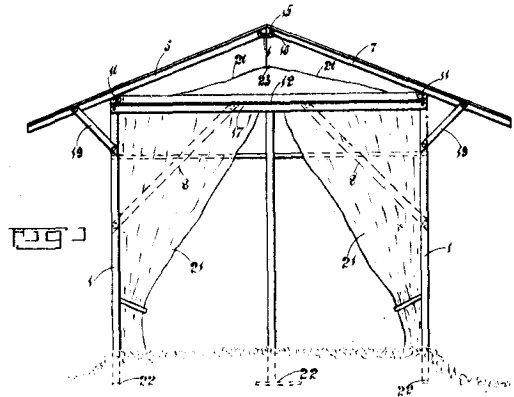
By Authority : JOHN MACKAY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

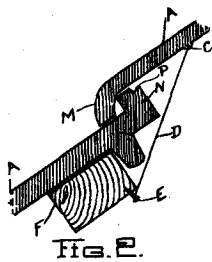
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



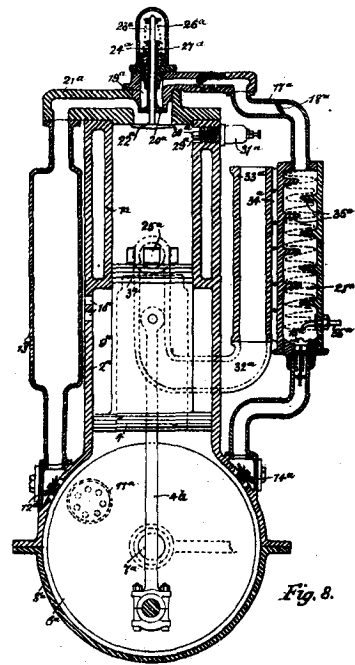
17514
Moore. Milk-aerator.



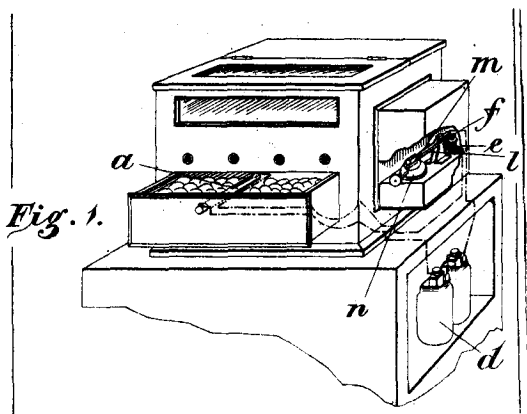
17522
Bickerton. Health Shelter.



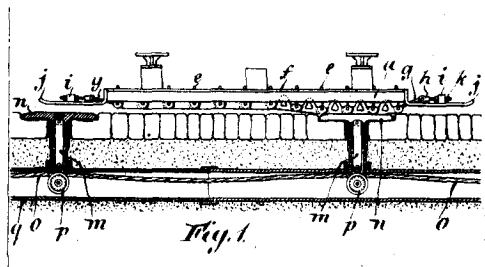
17541
Hawkeswood. Roofing-tile.



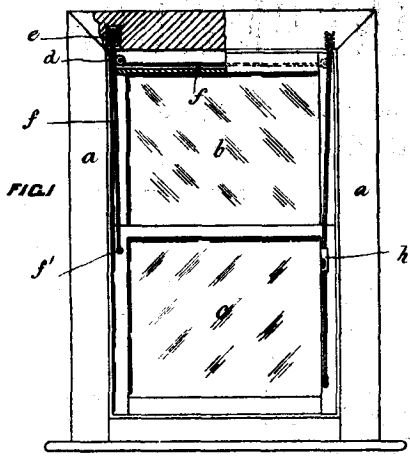
18695
Dawson. Engine and Vapouriser.



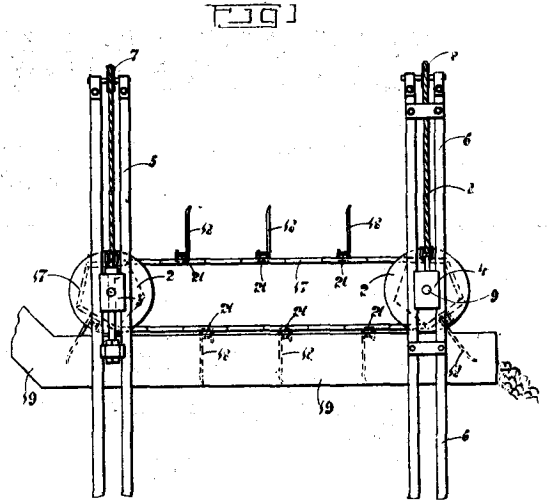
18692
Law. Regulator for Incubator.



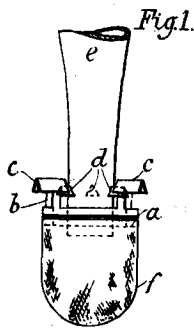
18723
Griffiths and Bedell. Current-collector.



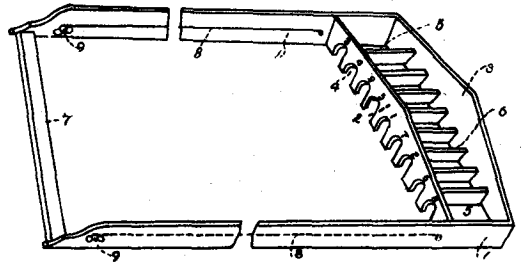
17447
Park. Sash-suspender.



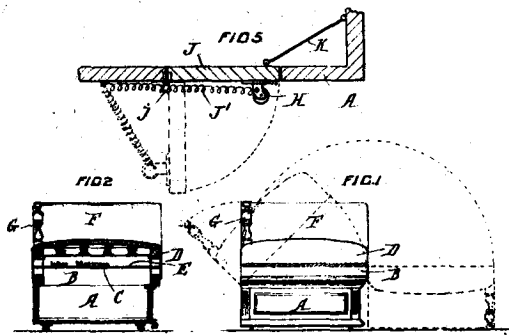
17519
Dennis. Gold-saver.



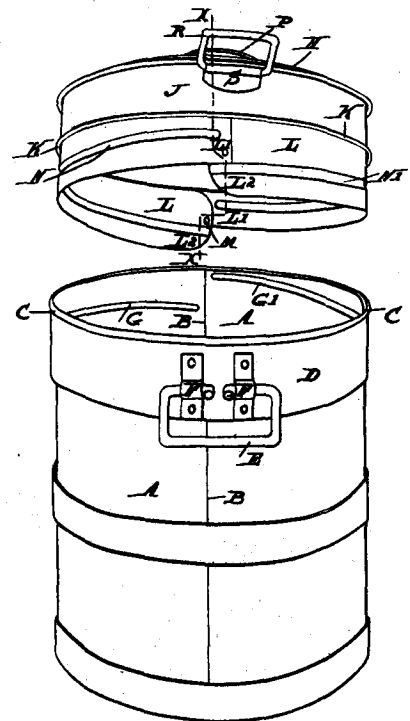
18328
The New Inverted Incandescent Gas Lamp Company (Limited).
Mantle-support. (Bridger.)



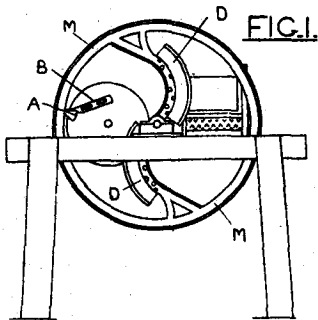
17478
Waddle and White. Table-amusement.



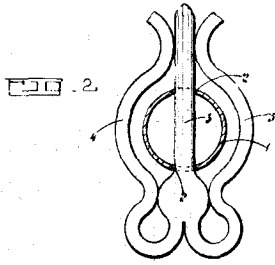
17512
Hoyland. Couch.



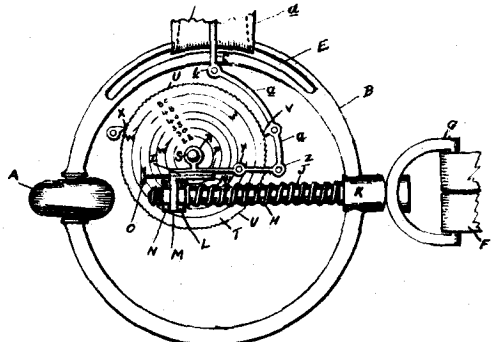
18746
Hedley. Can-covering.



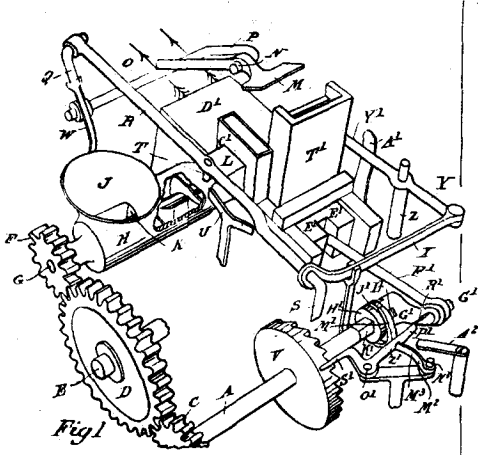
18745
Williams. Chaff-cutter.



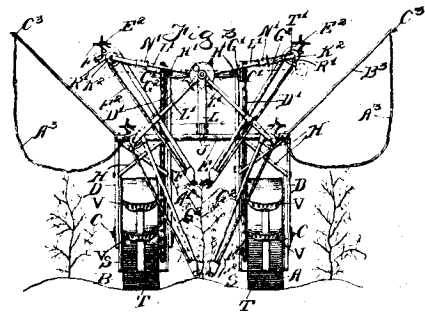
17534
Snowden. Bow-key.



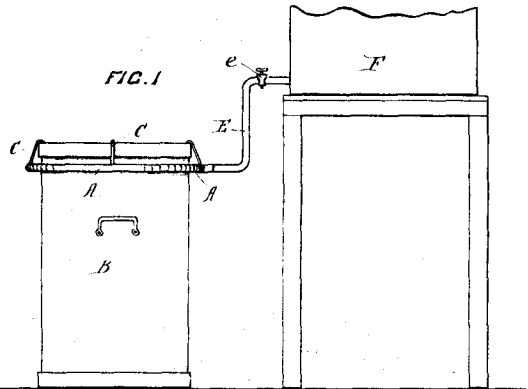
-FIG. I-
18736
O'Connor. Bit and Bridle.



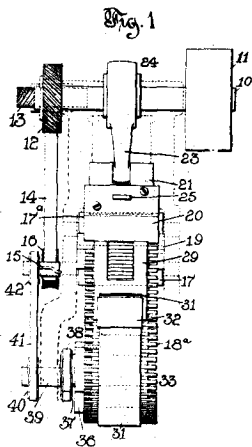
18671
J. W. and G. W. Ferguson. Briquette-machine



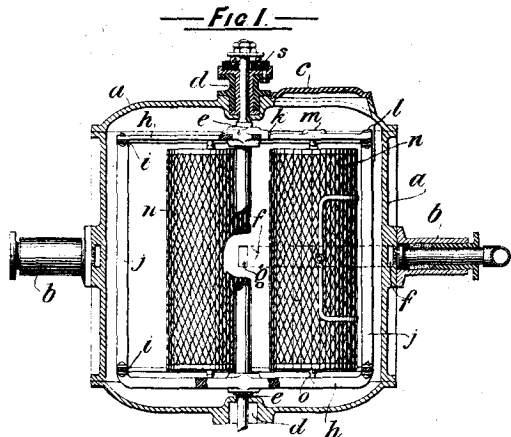
18743
Lowry. Cotton-picking Machine.



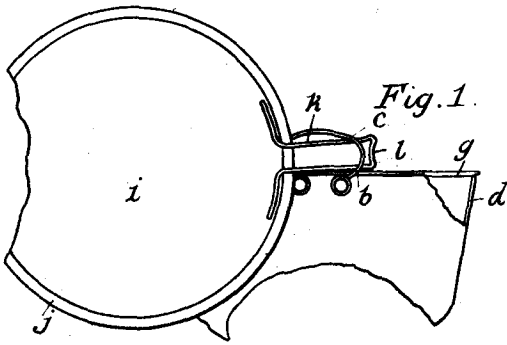
18753
Honore. Milk-cooler.



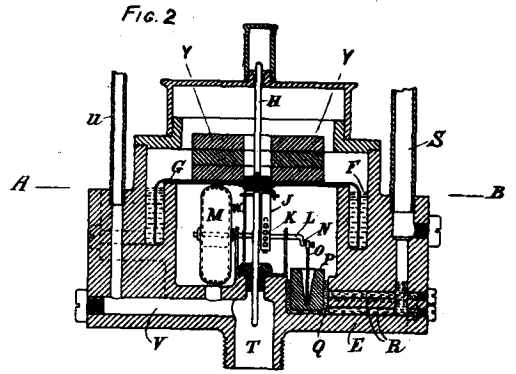
18730
The Dixie Match Company. Match-making. (Parker.)



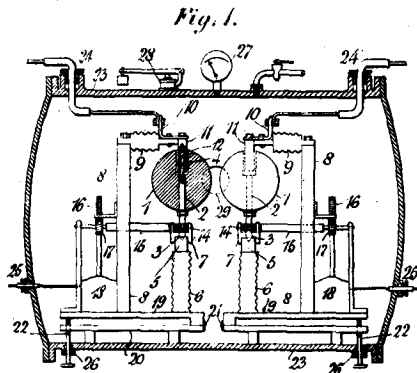
18755
Newton. Washing-machinery. (Hiscox and Livingston)



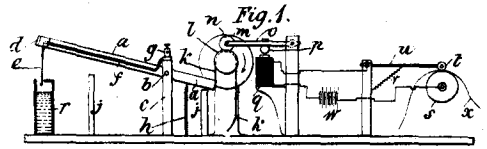
18712
Hornidge. Culinary Utensil.



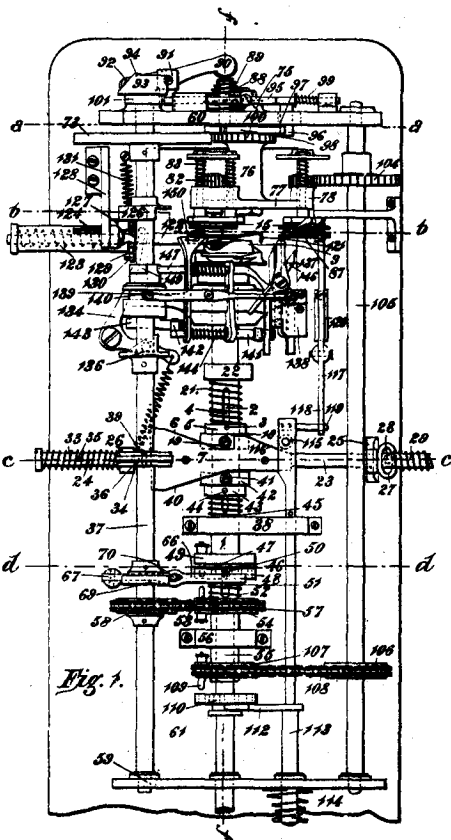
18722
Bruce. Gas Lighter and Extinguisher.



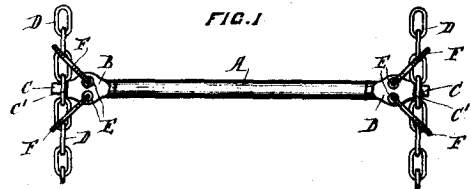
18725
Marconi's Wireless Telegraph Company (Limited). Telegraphic Transmitter. (Fleming.)



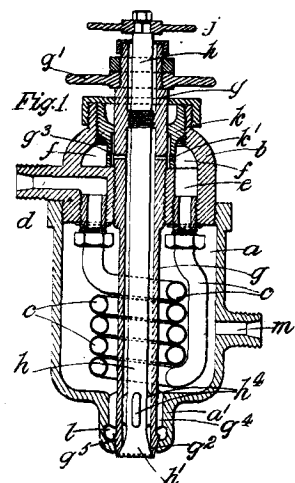
18724
Marconi's Wireless Telegraph Company (Limited). Telegraphic Signalling-key. (Fleming.)



18693
Angus. Sewing-machine.



18657
Gibbs. Spreader for Traces.



18721
Johnstone. Liquid-fuel Burner.