



SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, MAY 26, 1904.

Published by Authority.

WELLINGTON, THURSDAY, MAY 26, 1904.

CONTENTS.

	Page
Patent Agent registered	1425
Complete Specifications accepted	1425
Provisional Specifications accepted	1430
Letters Patent sealed	1431
Letters Patent on which Fees have been paid	1431
Requests to amend Applications and Specifications allowed	1431
Applications for Letters Patent abandoned	1431
Application for Letters Patent void	1431
Applications for Letters Patent lapsed	1431
Letters Patent void	1431
Designs registered	1432
Applications for Registration of Trade Marks	1432
Trade Marks registered	1434
Trade Mark Renewal Fees paid	1434
Subsequent Proprietors of Trade Marks registered	1434
Illustrations of Inventions	At end

Patent Agent registered.

Patent Office,
Wellington, 25th May, 1904.

IT is hereby notified that
WALTER MARTIN NEUMEGER,
of Auckland, New Zealand, solicitor, has been registered as
a Patent Agent.

F. WALDEGRAVE,
Registrar.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 25th May, 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.

A

No. 16212.—6th April, 1903.—WILLIAM PAUL NOLAN, of Port Chalmers, New Zealand, Clerk. Improved ticket-dater.*

Claims.—(1.) Ticket-dater consisting of an oscillating vertical guard provided with a horizontal slot at its upper end to receive a ticket, and adapted, on being pushed, to operate mechanism carrying type, so as to print on said ticket from below the slot, and then to return to its normal position, substantially as described. (2.) Ticket-dater consisting of a vertical oscillating guard provided with a horizontal slot at its upper end, and mounted on a base plate by means of a spindle, and adapted to operate levers mounted on said base plate, which engage lugs on eccentric pulleys keyed to said spindle, and having a bracket mounted on them consisting of two slotted cheeks connected by a plate at their upper ends, a standard mounted on said spindle and projecting upwards between the cheeks of said bracket, having its upper end provided with type to print upwards, and a spring secured to the back of said standard to return the standard bracket and guard to their normal positions after the printing operation, substantially as described.

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

No. 16600.—8th July, 1903.—THOMAS WILLIAM MAY, of Hackett Street, Ponsonby, Auckland, New Zealand, Builders' Foreman. An improved flush-tap for water-closets and the like.*

Extract from Specification.—According to this invention a tap is introduced into a pipe communicating with a water-supply. The casing of the tap has a passage fitted with a spring-operated plug, and a vent-hole capable of being partially closed by means of a screw. The casing is also fitted with a cylinder. The plug of the tap is hollow, and has a stem fitted with a piston and washer, and a coil spring is provided upon the stem between the piston and washer. The end of the stem is guided by passing through a hole in the end of the cylinder. A coil spring is provided between the piston and the end of the cylinder. A drain-pipe affords communication between the cylinder and the tap, below the plug thereof.

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

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

No. 16614.—10th July, 1903.—ALLAN JOHN ROSS, of Kihikihi, Auckland, New Zealand, Settler. Improved means for securing corrugated-iron roofing upon stacks.*

Claims.—(1.) In means for securing iron roofing upon stacks, a bar laid along the top of the stack, double-ended hooks suspended upon such bar, hooks in which the bottom edges of the iron sheets laid upon the stack rest, and wires connecting such hooks with those suspended upon the bar, substantially as specified. (2.) The means for securing iron roofing upon stacks, substantially as described and explained, and as illustrated in the drawings.

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

No. 16673.—23rd July, 1903.—WILLIAM WILLIAMS, of Hawthorndale, near Invercargill, New Zealand, Farm-labourer. Improved spring attachment for coulter of ploughs and the like implements.*

Claims.—(1.) A coultter-carrying arrangement for ploughs and the like implements wherein springs are employed upon each side of the coultter adapted to yield and permit the coultter to rise, substantially as specified. (2.) For the purpose indicated, in combination, a disc coultter mounted upon a spindle, vertical guide-bars upon which said spindle slides, frames in which the guide bars are fixed, springs threaded upon the guide-bars, and a bifurcated stalk carrying the frames, substantially as specified and illustrated.

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

No. 16690.—27th July, 1903.—CHARLES JOSEPH DUFFY, of Austin Street, Sydenham, Canterbury, New Zealand, Blacksmith. Improved apparatus whereby a table of ordinary construction can be adapted for the playing thereon of billiards and the like games.*

Extract from Specification.—In practice I employ detachable rails, designed to be secured to the edges of the table, and provided upon their inner faces with resilient cushions. The rails are fitted with a socket at end to receive the ends of wire brackets supporting the net pockets. The cushions may be made of rubber carried in a recess on each rail, the rubber being covered with cloth which is secured by gluing or tacks to the rail, or the face of the rail may be curved in section and covered with a layer of rubber over which is a layer of cloth. . . . Clamps are used to secure the rails to the table, and these may be made in any one of several ways. In one way the clamp is screwed to the back of the rail and is bent at right angles to pass beneath the edge of the table, where it is provided with a clamping thumbscrew, the end of the screw bearing against a packing-piece or having a washer which prevents the under-surface of the table from injury by the screw.

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

(Specification, 5s. 6d.; drawings, 2s.)

No. 16704.—29th July, 1903.—GEORGE HOLFORD, of Auckland, New Zealand, Master Mariner. An improved trouser-stretcher.*

Claims.—(1.) In trouser-stretchers, a bar or pole, a clamp secured to the bottom thereof, a clamp mounted thereon at its top end and capable of sliding up and down, a hand-lever pivoted to the top of the pole, and a connection between one end of the lever and the sliding-clamp, substantially as specified. (2.) In trouser-stretchers, a bar or pole, a clamp secured to the bottom thereof, a clamp mounted thereon at its top end and capable of sliding up and down, a hand-lever pivoted to the top of the pole, a connection between one end of the lever and the sliding-clamp, and means whereby the sliding-clamp may be secured at any point upon the pole, substantially as specified.

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

No. 16742.—5th August, 1903.—GEORGE LINCOLN COLE, of Wellington, New Zealand, Manufacturer. A sprinkler attachment for bottles.*

Claim.—A sprinkler attachment for bottles, the same consisting of a perforated cap of rubber provided with a beaded portion around its bottom edge, adapted to fit upon and grip the neck of the bottle, as specified.

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

No. 16820.—19th August, 1903.—FRANK GOUGH, of German Creek, Stafford, New Zealand, Miner. An improved milk-strainer.*

Claims.—(1.) A milk-strainer constructed, arranged, and operating substantially as specified and illustrated. (2.) A milk-strainer comprising a conical body portion, having openings covered with reticular material, and a well beneath said body portion provided with a perforated lid, substantially as specified and illustrated.

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

No. 16830.—21st August, 1903.—RICHARD FENWICK, of East Oxford, Canterbury, New Zealand, and FRED FENWICK, of East Oxford aforesaid, Farmers. Improved apparatus for coiling fencing-wire.*

Claims.—(1.) For the purpose indicated, the combination, with a vehicle-wheel, of a drum secured thereto, coaxial therewith, and projecting laterally therefrom. (2.) For the purpose indicated, the combination, with a vehicle-wheel, of a tapering drum, said drum being formed of two rings to the circumferences of which battens are secured, a boss having a sided projecting spindle, and radial arms secured to the outer ring, and having screwed ends projecting beyond the drum, and washers and nuts thereon. (3.) Improved apparatus for coiling fencing-wire, comprising the parts arranged, combined, and operating substantially as and for the purpose specified.

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

No. 16978.—16th September, 1903.—THOMAS ROUSE, of 7, Old Hill Street, Stamford Hill, London, N.E., England, Gentleman, and HERRMANN COHN, of 7, Brunswick Square, St. Pancras, London, W.C., England, Merchant. Improved method of converting into briquettes or lumps iron-ore, whether natural or prepared by reducing to powder iron-ore or iron-wastes.*

Claim.—The process of agglomerating, by means of solution of water-glass and hardening into lumps or hard blocks, iron-ore, powdered iron-ore or blue-billy or the like, or mixtures thereof, by means of a mixture of hot air and steam at atmospheric pressure in a ventilated chamber, in which condensation of the steam into a deposit of water of condensation is prevented by regulating the supply of hot air and steam and the ventilation, all as described.

(Specification, 3s. 9d.)

No. 17211.—5th November, 1903.—WILLIAM ANDREWS and ARTHUR WARD BEAVEN (trading as "Andrews and Beaven"), of South Belt, Christchurch, New Zealand, Engineers. Improvements in threshing-machines for seed, grain, or clover.*

Claims.—(1.) The combination in a threshing-machine of an exhaust fan or fans drawing air up a trunk or leg into which the threshed seed or grain falls, a sliding-valve regulating the weight of air being admitted, a screw conveyer at bottom of trunk or leg conveying seed and grain into a cylinder in which revolve beaters, or combined beaters and flaps, for hummelling, rubbing, or polishing the seed or grain, substantially as described, and shown in the drawings. (2.) The combination in a threshing-machine of an exhaust fan or fans drawing air up a trunk or leg into which the threshed seed or grain falls, a sliding-valve regulating the admittance of air, one or more pockets or receptacles between the leg and the fan to receive different grades of seed or grain in order that no seed or grain may be drawn into the fan, a screw conveyer at bottom of said leg conveying the seed or grain into a cylinder in which revolve beaters, or combined beaters and flaps, for hummelling, rubbing, or polishing the seed or grain, substantially as described, and shown in the drawings. (3.) In a threshing-machine, the combination of exhaust fan or fans, suction trunk or leg, with a cylinder which can be fitted with rubbing surfaces of varying degrees of roughness in order to hummel, awn, shell, rub, or polish seed or grain, substantially as described, and shown in the drawings. (4.) In a threshing machine, the combination of a screw conveyer taking seed or grain from the suction leg of an exhaust fan, with beaters, rubbers, or flaps of any suitable material attached to the shaft of the said screw conveyer and working within a cylinder to hummel, rub, or polish seed or grain, substantially as described.

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

No. 17288.—25th November, 1903.—CHARLES COOPER, of Mangatoki, Taranaki, New Zealand, Dairy-factory Manager and Mechanical Engineer. An improved weighing-machine specially constructed for the purpose of delivering by weight skim milk from dairy factories.*

Claims.—(1.) For the purpose indicated, in combination, a vessel 1, a pipe 46 supplying liquid thereto, a valve 48 thereon, a discharge-valve 55 in the bottom of the vessel, valve levers 50 and 52 to which the said valves are severally connected, a lever 51 integral with said valve-levers, a balance-weight 59, means for connecting it to the lever 51, a bell-crank hand-lever 61 and means for connecting it with the lever 51, a pivoted swing-bar 63, a sliding-bolt 65 at the lower end thereof, and a rod 62 pivotally connecting the swing-bar with the said main lever; pivotally mounted levers 2, 3, and 4, with means for suspending the vessel therefrom, a suspending-rod 24 having hooks from which the lever-arms are suspended, a pivoted bell-crank lever 30 from which the suspending-rod is pivotally supported, said bell-crank lever having a notch to receive the end of said bolt, a socket 33 adjustable upon the arm 34 of lever 35, means for connecting said bell-crank lever 30 with the socket, the lever 35 with means for pivotally connecting its outer end with a pivoted graduated scale-arm 42, and weights for use upon said scale arm, substantially as specified and illustrated. (2.) For the purpose indicated, in combination, the vessel 1, the bell-crank lever 30, means for suspending the vessel from said bell-crank lever, the socket 33, means for connecting it with said bell-crank lever, the lever 35 and arm 34 integral therewith, the arm 36 and balance-weight 38 thereon, the pivoted scale-arm 42 and means for pivotally connecting it with lever 35, and weights for use upon the scale-arm, substantially as specified and illustrated.

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

No. 17461.—9th January, 1904.—STANLEY FAWKENER CLARE, of Campbelltown, New Zealand, Sheep-farmer. Improvements in fitting handles in axes and the like.*

Claims.—(1.) In improvements in fitting handles in axes and the like, the combination of a handle A. having its top side C and underneath side D sloped as indicated in Fig. 3, base E, E, of the eye constructed to suit angle of said underneath side D, a tapered wedge G used along top side C, top H, H, of the eye made to suit angle of wedge, substantially as and for the purposes described. (2.) In improvements in fitting handles in axes and the like, the combination of a handle A, having its top side C and underneath side D sloped as indicated in Fig. 3, base E, E, of the eye constructed to suit angle of said underneath side D, a tapered wedge G used along top side C, top H, H, of the eye made to suit angle of wedge, axe-head B provided with a hole K for a pin to pierce and fasten wedge, substantially as and for the purposes described.

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

No. 17464.—18th January, 1904.—DE BEAUVOIR DE LISLE, of Waimata Valley, Gisborne, Auckland, New Zealand, Sheep-farmer, and EDWIN VALENTINE LUTTRELL, of Gisborne aforesaid, Veterinary Surgeon. An improved branding composition.*

Claim.—The described composition of matter, consisting of coal-tar and antimony (tartar emetic), substantially as described and for the purpose specified.

(Specification, 1s.)

No. 17516.—2nd February, 1904.—JULES PAUL LAJOIE, of 69, Rue de Boursault, Paris, France, Chemical Engineer. Improvements in carb-nic-acid motors.

Claims.—(1.) In motors driven by carbon-dioxide, means for heating the latter before it is supplied to the distributing-valves, comprising a casing with tight joints containing water and enclosing a coil consisting of capillary tubes and communicating on one hand with a cock leading to a receptacle of liquid carbon-dioxide and on the other hand with a similar cock leading to a receptacle arranged in a recessed part of said casing and heated together with the latter by means of a suitable heat-generator, so that the gaseous carbon-dioxide is heated in the coil without expanding therein, before it flows to the motor, the coil and the walls of the valve-box and the motor-cylinder being heated by the steam generated in the casing, substantially as described and for the purpose set forth. (2.) In the apparatus described in claim 1, the arrangement, in the casing containing the steam, of a coil consisting of a plurality of capillary tubes twisted together like the wires forming a cable, and helically wound so as to possess an extensive external heating-surface in combination with small internal capacity, so that the gaseous carbon-dioxide flows through it without expanding.

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

No. 17521.—18th March, 1903.—CHARLES SIMMONS, of "Bowreah," Sands Road, Paignton, Devon, England, Civil and Mining Engineer. Improvements in appliances for lifting and turning drills for rock-boring or other purposes.

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

Claims.—(1.) An appliance for use in rock-boring or other purposes, adapted to lift and turn the drill between each blow of the hammer by the weight of the operator, for the purposes specified. (2.) An appliance for lifting and turning drills for rock-boring or other purposes, having a piston adapted to carry cam-levers and sliding-wedges, for the purposes specified. (3.) An appliance for lifting and turning drills for rock-boring or other purposes, in which is arranged a piston and means for lifting and turning the same, comprising a cranked lever in connection with a pivoted arm and a foot-lever, for the purposes specified. (4.) The described pawls or catches adapted to turn and to hold the piston, substantially as and for the purposes specified. (5.) Means for securing and clamping the appliance, substantially as and for the purposes specified. (6.) The appliance for lifting and turning drills for rock-boring or other purposes, having its parts constructed, arranged, and adapted to operate substantially as described for the purposes specified.

(Specification, 8s.; drawing, 2s.)

No. 17548.—17th February, 1904.—HAROLD LIGHTBAND, of Hereford Street, Christchurch, Canterbury, New Zealand, Warehouse-manager. Improvements in and relating to tire-covers for motor-cars and the like.*

Claims.—(1.) A tire-cover for motor-cars and the like consisting of a leather band designed to cover the tire, and secured thereon by laces upon each side passing through lace-holes in the band, V-shaped notches being cut in the edges of the cover to prevent puckering, substantially as specified and illustrated. (2.) A tire-cover comprising a leather band having V-shaped notches upon its edges, and lace-holes arranged in pairs between said notches, substantially as specified and illustrated.

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

No. 17748.—8th April, 1904.—JAMES SCORRAR, of Wellington, New Zealand, Chaff-cutter. An improved fastener for securing the ends of machinery-belt together.

Claim.—A fastener for securing together the ends of belting, such fastener consisting of a hollow oblong frame with two parallel bars extending across the space enclosed thereby and parallel with the sides thereof, such bars being formed with eyes on their ends threaded upon the end pieces of the frame and being capable of sliding movement upon such end pieces, substantially as described, and as illustrated in the drawings.

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

No. 17766.—13th April, 1904.—PLANTERS COMPRESS COMPANY, a corporation organized under the laws of the State of Maine, United States of America, and having offices at 131, State Street, Boston, Massachusetts, United States of America (assignees of James Thomas Cowley, of 131, State Street aforesaid, Mechanical Engineer). Baling-press.

Extract from Specification.—The invention comprises the use of a stationary slotted headplate in co-operation with a platen positively rotated and supported by a hydraulic or other fluid jack. The invention also comprises certain devices more fully explained for automatically stopping rotation of the jack when the compressed column has grown to a predetermined size suitable for a bale, thus making all bales of substantially uniform size and weight; means for automatically controlling the movement of the jack toward and from the headplate, to stop its movement gradually near the end of its travel in either direction; means for supporting the weight and expansive pressure of the compressed material upon a fluid base, thus eliminating friction of rotation; automatic and adjustable means for controlling the fluid pressure within the jack; automatic means for feeding the material to the slot of the headplate and for regulating the feed thereof; and other features which with the foregoing are described and pointed out more in detail.

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

(Specification, £1 1s. 6d.; drawings, 11s.)

No. 17769.—13th April, 1904.—THE NEW CENTURY ENGINE (FOREIGN PATENTS) COMPANY, LIMITED, of Finsbury House, Bloomfield Street, London, England (assignees of Edward Field, of 4, Trafalgar Square, London aforesaid, Engineer). Improvements in or relating to locomotive and other engines and generators.

Claims.—(1.) In an engine and generator, the employment of a mixture of air and steam about the pressure of the steam in the boiler heated by means of the hot gases escaping from the boiler, substantially as described. (2.) In a generator for a locomotive or other engine, the employment of a tubular heater situated in the path of the hot gases escaping from the boiler, having a supply-chamber at one end for air and steam under pressure, and a receiving-chamber at the other end for conveying the heated mixture of air and steam to the engine-cylinder, substantially as described. (3.) In a generator for a locomotive or other engine, the combination, with a tubular heater in the path of the hot gases from the boiler, of an air-compressor worked by the engine and arranged to deliver compressed air to the heater at a pressure at or above that of the steam in the boiler, and a pipe leading steam from the boiler to the heater at a point between its ends so that the steam will become mixed with the compressed air after the said air has been raised in temperature. (4.) In a generator for a locomotive or other engine, the combination, with a tubular heater in the path of the hot gases, of a steam and air injector such as 20-24 supplied with steam from the boiler, and delivering the mixture of air and steam through the heater to the engine, substantially as described. (5.) In a generator for a locomotive or other engine, the combination, with two longitudinal vessels such as *b, c*, each of which is divided into compartments, of groups of bent metal tubes such as *e, f, g, h*, disposed in the path of the hot gases, and connected with the vessels so that the tubes in each group are in parallel and the several groups are in series, substantially as described. (6.) The complete generator for an engine, substantially as described. (7.) The complete locomotive generator and engine, substantially as described, or illustrated in Figs. 1 to 7 or in Figs. 8 and 9 of the drawings.

(Specification, 9s.; drawing, 6s.)

No. 17770.—13th April, 1904.—HARRY CHARLES LA FLAMBOY, of 600, Hancock Avenue West, Detroit, Michigan, United States of America, Manufacturer. Match-making machine.

Extract from Specification.—This invention relates to match-making, and has for its object an improved machine which fills the dipping plates employed in dipping match-splints. The splints are placed in a rotating screen, from which they drop into chutes, and, aided by the machine, arrange themselves with their axes lengthwise of the chutes. The splints pass along the chute, are freed from broken short pieces and slivers, and arrive in hopper-like receptacles, from the bottom of which they are taken by a reciprocating carrier, which forces them into the holes of perforated dipping-plates. The perforated dipping-plates advance step by step; they are arranged to stand and travel vertically in front of the carrier, and as the carrier, having filled one row of holes in the plate, retreats for another load, the plate rises and presents a succeeding row of holes for the new load of splints. When the dipping-plate has been filled, another dipping-plate falls into place beneath it, and the filled plate is deposited on a carrier and removed for further treatment.

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

(Specification, 10s. 6d.; drawings, 6s.)

No. 17800.—19th April, 1904.—WHITE-MYLIN FURNACE COMPANY, a corporation organized under the laws of the State of New Jersey, and doing business at 44, Court Street, Brooklyn, Kings, New York, United States of America (assignees of Amos Herr Mylin, of 40, South Queen's Street, Lancaster, Pennsylvania, United States of America, Farmer, President of the White-Mylin Furnace Company aforesaid, and Lewis Boyd White, of 22, Morris Street, Jersey City, Hudson, New Jersey aforesaid, Engineer). Improvements in and relating to furnaces.

Extract from Specification.—Our invention relates to a furnace for generating a high degree of heat and effecting practically perfect combustion of the fuel and consumption of the smoke. The important features are an outer casing or fuel-receptacle of any suitable shape having a top opening, and a shell or combustion-chamber arranged in the interior of the casing and provided with holes, preferably in its lower

portion, to admit the gases mixed with air to its interior but to exclude the coal, and with an external opening, larger if the heat is to be delivered and utilised outside of the furnace, and smaller, merely to conduct away the incombustible gases, if the heat is to be used inside. Except for this shell the interior of the receptacle is entirely open and without grate or other obstruction, so that it may be filled with coal, entirely surrounding the shell, which should be of refractory material to resist the intense heat. Means must be provided to insure a draught down through the top opening and out through the shell, and means to regulate the amount of air to be admitted through the top opening to insure a sufficient supply for the combustion, but without a substantial surplus of air. The air passes down from the top opening through the coal, from the coldest to the hottest part of the furnace, while the gases are being progressively generated, until, intimately mixed together and gradually raised in temperature, the air and gases are delivered into the combustion-chamber, where the heat is highest and most of the combustion takes place. The combustion-chamber shell is not clogged with coal or ashes, so that the chamber is maintained at a high and uniform heat, and all the combustible gases are there consumed without waste and with a high efficiency of fuel.

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

(Specification, 9s. 6d.; drawings, 2s.)

No. 17801.—19th April, 1904.—McCLEAN ARMS AND ORD-NANCE COMPANY, of 267, St. Clair Street, Cleveland, Cuyahoga, Ohio, United States of America (assignees of Samuel Neal McClean, of 18, Glenpark Place, Cleveland aforesaid, Physician). Improvements in and relating to means for counteracting recoil in guns.

Extract from Specification.—The invention consists in a gun-barrel formed to present a series of consecutively arranged areas of resistance to the flow of the powder-gases, in association with a system of vents for controlling both the striking-energy and direction of movement of the powder-gases. These areas of resistance to the flow of the gases, as well as the vents associated therewith, are formed in the muzzle portion of the gun, which may be integrally formed with or detachably secured to the rest of the gun-barrel. . . . The gun-barrel is formed with a series of circumferential grooves or a gradually deepening spiral groove on its interior, associated with a series of lateral rearwardly inclined vents, so constructed and proportioned that the gases shall impinge upon the surfaces of the grooves and thus exert a pull in opposition to the recoil, and, after impinging upon said surfaces, the gases will escape in a rearward direction through the vents.

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

(Specification, 14s.; drawing, 2s.)

No. 17802.—16th April, 1904.—FRED LOBNITZ, of Clarence House, Renfrew, Scotland, Engineer and Shipbuilder. Improvements in dredgers for dredging auriferous, platiniferous, stanniferous, diamondiferous, and other valuable alluvial earths.

Claims.—(1.) A screen for dredgers provided at the interior with means for receiving and delivering large stones and boulders without the same coming in contact with the screen, substantially as described. (2.) In combination, a revolving screen and a trough or grating consisting of a number of rails or bars which are supported in place within the screen, substantially as and for the purpose described. (3.) In combination, a screen, a trough or grating within the screen for receiving and delivering large stones and boulders, an obliquely arranged delivery-shoot, and an elevator arranged out of line with the screen, substantially as described with reference to the drawings.

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

No. 17807.—20th April, 1904.—JAMES HENRY HODGE, of 6, Bellvue Street, Glebe, Sydney, New South Wales, Australia, Engineer, and IGNACY ZLOTKOWSKI, of Grove Street, Marrickville, Sydney aforesaid, Engineer. A means for extinguishing fires within enclosed structures.

Claims.—(1.) In apparatus serviceable for extinguishing fires within enclosed structures, the primary coupling-parts affixed to the said structure, consisting of a tee-piece, having a long arm projecting outwardly, adapted to receive an external attachment communicating with the source of the quenching-fluid, and a short arm projecting inwardly, alike adapted to receive an attachment, applied from within the

said structure, as described and shown, and for the purposes set forth. (2.) In apparatus of the kind described, the combination, with the upwardly projecting stem of a tee-piece having long and short arms, of a retention-valve adapted to retard the backward flow of the quenching-fluid when applied from remotely situated primary coupling-parts, as described and shown, and for the purposes set forth. (3.) In primary coupling-parts attached to a structure, but detached from the source of supply, the combination, with the said coupling-parts, of a wall-box having a chambered portion therein for a tell-tale self-registering indicator, as described, and for the purposes set forth. (4.) In combination, the primary coupling-parts, the retention-valve, the wall-box, the conduits or pipes connected with the said retention-valve, and the tell-tale self-registering indicator communicating with the said wall-box, as described, and for the purposes set forth. (5.) In primary coupling-parts enclosed in a wall-box, having a chamber adapted to receive a tell-tale self-registering indicator, the arrangement of such coupling-parts in groups or nests, and communicating with each other from remote parts of the structure to which they are attached, as described, and for the purposes set forth.

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

No. 17815.—21st April, 1904.—FREDERICK RIDLEY DENNISON, of Oamaru, Otago, New Zealand, Mechanic. A machine for separating wild oats or other hairy seeds from good oats or other grain or seed.

Extract from Specification.—The means adopted comprise a trough that is placed at an incline, and longitudinally within which is mounted an endless travelling band of a suitable fabric that extends across the width of the trough. Means are provided whereby this band may be caused to travel with its supporting rollers, the outer or top portion travelling in the upward direction. Deflector-plates are arranged across the trough and extend vertically down to the level of the top portion of the travelling band. These plates are arranged at intervals throughout the length of the trough, and are made adjustable with regard to the travelling band. Scrapers are mounted on the bottom of the trough, and engage with the face of the inner or bottom portion of the travelling band.

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

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

No. 17836.—27th April, 1904.—JOHN HOWARD, of Help Street, Chatswood, near Sydney, New South Wales, Australia, Machine-shears Expert. Improvements in Wolsey machine shears, parts of which are applicable to other sheep-shearing machines.

Claims.—(1.) In machine shears of the class set forth, the combination, with the under-casing containing the driving-fork and having a straight-fitting edge, of a roached, or curved, or rounded cover having also a straight-fitting edge, as and for the purposes set forth, substantially as described and explained. (2.) In machine shears of the class set forth, the combination, with the adjusting housing for the mushroom stud or tension-pin, of a grip-nut with lever, as and for the purposes set forth, substantially as described and explained. (3.) In machine shears of the class set forth, the combination, with the driving-fork fulcrum-stud and the front main bearing, of an orifice in said bearing-casing and a series of centres or countersinks around the body of said bearing, as and for the purposes set forth, substantially as described and explained. (4.) In sheep-shearing machines, the combination, with the lugs or jaws of the knuckle-joint between the machine and the driving-shaft at either side, of a centre-pin screwed through the outer lug or jaw, and having an outer jamb-nut and a centring block in the inner lug or jaw, as and for the purposes set forth, substantially as described and explained.

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

No. 17842.—27th April, 1904.—GUSTAF GRÖNDAL, of Djursholm, Sweden, Engineer. An improved furnace for burning cement or for other purposes.

Claim.—A furnace for burning cement or reducing or calcining ores, comprising a hollow rotating cylinder or drum slightly inclined to the horizon, a furnace located above the upper end of the cylinder, a shaft located under the lower end of the cylinder, a device for making a gaseous mixture at the lower end of the cylinder, and a feeding-device under the said furnace conveying material therefrom to the cylinder, the construction of the said furnace and shaft being such

that air or gas may pass from the lower part to the upper part thereof in horizontal passages leading to and fro there-through, substantially as and for the purpose set forth.

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

No. 17843.—27th April, 1904.—ERIK AUGUST FORSBERG and BIRGER LJUNGSTRÖM, both of Fleminggatan 8, Stockholm, Sweden, Engineers. Improvement in link-blade liners for centrifugal-separator bowls.

Claims.—(1.) In link-blade liners for centrifugal-separator bowls, a plurality of blades mounted upon a common rod or link at different levels, substantially as and for the purposes set forth. (2.) In link-blade liners for centrifugal-separator bowls, a pair of blades mounted upon a common rod or link connecting the upper and lower rings of the liner, one of said blades having lugs bent round said rod or link above and below such rings, with a longitudinal rebate between, and the other blade having a comparatively large lug bent round said rod or link between the rings and rebated above and below same, substantially as set forth.

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

No. 17844.—27th April, 1904.—WILLIAM ERNEST HUGHES, of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of Maurice Leblanc, of Villa Montmorency, Auteuil, Paris, France, Engineer). Improvements in cooling-apparatus.

Claims.—(1.) A water-cooling apparatus in which a continuous circulation of water is maintained through a vacuum evaporating-tank without destroying the vacuum, substantially as described. (2.) A water-cooling apparatus arranged and operating substantially as described with reference to the drawings.

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

No. 17850.—26th April, 1904.—THOMAS HARKINS, of Ponsonby Road, Auckland, New Zealand, Tinsmith and Ironmonger. An improved method of fixing tops and bottoms on tins for holding any material.

Claim.—The turning the top edge of the body inwards with a hook formation, making the edge of the top or bottom with a right-angled formation, placing the right-angled formation of the top or bottom within the hook formation of the top edge of the body of the tin, and clamping and pressing the one to the other tightly for the purpose set forth, substantially as described and illustrated.

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

No. 17851.—26th April, 1904.—HENRY CARTER, of Auckland, New Zealand, Kauri-gum Sorter, and JOHN JAMES EVANS, of Mititai, Northern Wairoa, Auckland, New Zealand, Storekeeper. A machine for cleaning kauri and other gum.

Extract from Specification.—The invention consists of a revolving cylindrical-shaped basket inwardly lined with network carrying a multiplicity of bent steel wires somewhat in shape of hair-pins, and the same also on the centre of the shaft, the cylinder being under a cover standing in a tray to catch the dust and smaller particles thrown off from the gum within the cylinder as the same is caused to rotate by hand or such other form of power as may be used.

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

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

No. 17853.—29th April, 1904.—DUNCAN McMURRICH, of Ohiro Road, Wellington, New Zealand, Superintendent Engineer, Union Steamship Company. Improvements in firebars.

Claims.—(1.) For the purpose indicated, firebars having bosses near their ends with holes therethrough and rods passed into the said holes to unite a plurality of bars into sections, substantially as set forth. (2.) The combination and arrangement of parts comprising the improvements in firebars, substantially as and for the purposes set forth.

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

No. 17858.—25th April, 1904.—ALFRED JOHN EGGLETON, of St. Clair, Dunedin, New Zealand, Tramway-manager. Improved plant or flower pots.

Claims.—(1.) In pots or boxes for growing plants, the combination of either single boxes or boxes having more than one

compartment and arranged to be placed over one another in a wall shape, with slots or holes for the plants to grow out of, all substantially as shown and as described and explained. (2.) In pots or boxes for growing plants, the combination of boxes or of compartments of boxes, arranged to be built up as a wall, with spaces left for plants bedded in said compartments to be grown through, substantially as described and explained, and as illustrated in the drawing. (3.) Pots or boxes for growing plants arranged for being placed over each other, with openings in the sides for the plants to grow through, all substantially as set forth.

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

No. 17859.—26th April, 1904.—JOHN JAMISON, of Dunedin, New Zealand, Inventor. Sash-adjuster and automatic burglar-proof fastener.

Claims.—(1.) In the adjusting or retaining of window-sashes in a number of positions as required, the combination with ordinary sashes of a rod having a loop which would automatically prevent said sashes opening more than to said loop if the said rod were carelessly left unsecured, said loop also being of a size that would jamb between sash and inner bead, thus assist to prevent rattling of sash, and other loops on said rod at intervals for passing over a staple in the frame and also one of the hooks in the lower or other sash, thus securing both sashes either closed or partly open as desired, all substantially as described and explained, and as illustrated in the drawing. (2.) In the adjusting and retaining of sashes in any required position out of several as arranged for, depending on the number of loops B² in the rod B, and the number of hooks in the lower sash D, the combination of said hooks and loops with a staple C in the frame for securing and locking, if desired, with a padlock, all substantially as set forth. (3.) In the adjusting of the top sash or of both sashes of a window or suchlike, the method of sliding the rod B along the horizontal rod A to about the centre of the top sash and enabling it to be moved up or down as desired, all substantially as set forth and as shown in the drawing.

(Specification, 2s. 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, 25th May, 1904.

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

No. 17796.—18th April, 1904.—ALFRED KILCKMANN, of 113A, Cuba Street, Wellington, New Zealand, and ROBERT THOMSON, of Ngahauranga, New Zealand, Butcher. An improved gambrel.

No. 17830.—25th April, 1904.—ALFRED MORRIS, of Clinton, Otago, New Zealand, Builder, &c. Waterproof dubbin.

No. 17849.—28th April, 1904.—EDWARD BROOKE-SMITH, of Auckland, New Zealand, Business-manager. An improved exhaust-muffler for gas and other explosive engines.

No. 17852.—29th April, 1904.—MARTHA HELENBELLE BUTCHART, of 72, Sutherland Road, Armadale, Prahran, Bourke, Victoria, Australia, Spinster. An improved expanding cover for protecting Japanese cane baskets and the like from rain and dust.

No. 17861.—30th April, 1904.—WILLIAM JOHNSON, Builder, and CHARLES TANDY, Coachbuilder, both of Wellington, New Zealand. Improvements in or relating to the construction of building cornices and other analogous structures.

No. 17863.—2nd May, 1904.—JOHN HOWCROFT, of 14, Gladstone Street, Moonee Ponds, Victoria, Australia, Inventor. Improvements in or connected with machine milking-appliances.

No. 17864.—2nd May, 1904.—STUART REID, of Eddington, near Camperdown, Victoria, Australia, Grazier, and ALEXANDER BASIL REID, of the same place, Engineer. An improved chaff-cutting machine.

No. 17865.—18th May, 1904.—HORACE ANDLEY FRY, of Riwaka, Nelson, New Zealand, Farm-labourer. Means for use in teaching young calves to drink.

No. 17871.—30th April, 1904.—WILLIAM ARTHUR, of Gisborne, New Zealand, Contractor. An improved cultivator.

No. 17874.—2nd May, 1904.—WILLIAM STEVENSON, of Grey Street, Devonport, Auckland, New Zealand, Photographer. A combination dining and billiard table.

No. 17876.—6th May, 1904.—KEITH STEWART MCKINNA, of Collingwood, Nelson, New Zealand, Miner. Improved means for retaining hat-pins in position and for protecting the hats from the wear incidental to the use of such pins.

No. 17877.—6th May, 1904.—JOHN BAILIE ROBINSON DAVIDSON, Builder, and JOHN WILLIAM BORLAND, Coach-smith, both of Yarragon, Buln Buln, Victoria, Australia. An improved machine for winding, unwinding, fixing, and straining wire for wire fences.

No. 17878.—30th April, 1904.—JAMES MORRISON, of Dunedin, New Zealand, Engineer. Improved insole.

No. 17879.—3rd May, 1904.—JOHN DARLING DOUGLAS, of Auckland, New Zealand, Engineer. Improvements in and relating to dredging machinery.

No. 17881.—7th May, 1904.—PERCY ROBERT HUDSON, of 60, Castlereagh Street, Sydney, New South Wales, Australia, Mercantile Agent (assignee of Alfred Bruckner, of 42A, Lousbergstrasse, Aix-la-Chapelle, Germany). Improvements in the construction of walls.

No. 17882.—7th May, 1904.—DUGALD McDONALD ROBERTSON, of 277, South Belt, Christchurch, Canterbury, New Zealand, Storeman. An improved totalisator.

No. 17885.—5th May, 1904.—EDWARD CORNWALL-COOK, of Barrington Place, Hawthorn, Victoria, Australia, Mechanic. An improved bell-sounding instrument for punching, classifying, and recording tickets.

No. 17889.—10th May, 1904.—THOMAS HALL, of Elizabeth Street, Wadestown, Wellington, New Zealand, Clerk, and FRANK ELVINES, of Aurora Terrace, Wellington aforesaid, Boiler-maker. Improved non-siltable mat.

No. 17891.—6th May, 1904.—GEORGE MCINTOSH SCOTT, of Dunedin, New Zealand, Manufacturer. Improvements in railway signalling-apparatus.

No. 17892.—7th May, 1904.—HELENA SELWOOD, of Kingstons, New Zealand, Hotelkeeper. Improved holder and marker for books.

No. 17893.—11th May, 1904.—EDWARD DUNCAN RICHARDS, of Palmerston North, New Zealand, Agent (assignee of Frank E. Gordon, of the Bluff, New Zealand, Poultry-farm Manager). Improvements in or relating to hammocks.

No. 17894.—11th May, 1904.—JOHN HENRY HARRISON, of 103, Errol Street, North Melbourne, Victoria, Australia, Grazier, and WILLIAM MATTHEW McILWICK, of 436, Chancery Lane, Melbourne, Victoria aforesaid, Solicitor. Improved snips or hand-shears.

No. 17896.—11th May, 1904.—IVAR FREDRIK WITTING, of Yangan, Warwick, Queensland, Dairy Expert. Destruction of bacteria in milk and preserving of milk by the use of hydrogen-peroxide.

No. 17899.—11th May, 1904.—N. GUTHRIDGE, LIMITED, of 486, Collins Street, Melbourne, Victoria, Australia, Merchants (assignees of William Legrand Card and Frank Smith Card, both of Denver, Colorado, United States of America, Mechanical Engineers). Improvements in connection with shaking-table ore-concentrators whereby an auxiliary appliance is provided.

No. 17900.—11th May, 1904.—BERNARD FRANCIS DUNN, of Auckland, New Zealand, Cabinetmaker. Means for automatically scouring the bottoms of rivers or harbours to prevent the silting up thereof.

No. 17901.—11th May, 1904.—ANDREW GRAINGER, of Taihape, Wellington, New Zealand, Farmer. An improved method of destroying noxious weeds.

No. 17906.—11th May, 1904.—JOHN WATSON, of High Street, Hotelkeeper, and WILLIAM MACKAY, of 29, Moray Place, Chemist, both of Dunedin, New Zealand. A chemical process for treatment of flax and suchlike.

No. 17909.—16th May, 1904.—JAMES TURNBULL, Saddler, and SAMUEL NICHOLSON, Sallmaker, both of Gore, New Zealand. An improved compound for the manufacture of soles of boots, tires of motor-cars, and other vehicles.

No. 17910.—16th May, 1904.—ANDREW McLEOD, care of Trocadero Hotel, Wellington, New Zealand, Engineer. An improved diving-dress.

No. 17912.—17th May, 1904.—THOMAS BOULTON, of Kirwee, Canterbury, New Zealand, Farmer. Improvements in fences.

No. 17914.—12th May, 1904.—JOHN THOMAS HARRIS, of Invercargill, New Zealand, Hotelkeeper. Improvements in boot-lace fastenings.

No. 17915.—14th May, 1904.—FREDERICK WALTER PATERSON, of Dunedin, New Zealand, Boatbuilder. Voterecorder.

No. 17916.—14th May, 1904.—WILLIAM WOOD, of Dunedin, New Zealand, Baker. Improvements in pie-making machines.

No. 17920.—17th May, 1904.—GEORGE PLUCK, of Rakaia, New Zealand, Farmer. An improved device for holding a cow's leg while milking.

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 12th to the 25th May, 1904, inclusive:—

- No. 15902.—T. Stevenson, metal mould and press.
No. 15920.—T. Morris, peg for fixing trap.
No. 15937.—J. Trevethick, manufacture of broom-head.
No. 15947.—T. Betts and G. Pirrit, preventing horse from bolting.
No. 16016.—W. Thomas, changing photographic plates.
No. 16022.—A. Gillies, milking-apparatus.
No. 16068.—H. Harraway, grain drier and conditioner.
No. 16119.—S., C., and A. Holmes, angle iron for bedstead.
No. 16135.—J. B. Morony, preventing horse from bolting.
No. 16232.—G. S. Morison, steam-engine.
No. 16342.—W. Deering, twine. (G. H. Ellis.)
No. 16582.—G. M. Scott, sash-hanger and lock.
No. 17001.—H. Reynolds, race-starter.
No. 17069.—W. E. Hughes, cigarette-machine. (British-American Tobacco Company, Limited—P. A. Lawles, D. J. Campbell, and O. W. Allison.)
No. 17239.—N. Wilson, jun., stirrup-iron.
No. 17510.—W. Powell, paving-blocks.
No. 17511.—H. Marshall and J. Maton, lamp.
No. 17523.—J. Booth and A. E. Budd, machinery belting.
No. 17529.—I. M. Smith, culinary utensil.
No. 17536.—J. Irvin, chart to illustrate rise and fall of tide, &c.
No. 17539.—I. and F. A. Whitehouse, valves of cocks and taps.

F. WALDEGRAVE,
Registrar.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 12577.—H. Marles and G. W. Butt, carving-machine. 27th April, 1904.
No. 12623.—J. H. A. McPhee, gold-separating apparatus. 16th May, 1904.
No. 12641.—H. L. Mainland and J. Harrison, suction dredging. 16th May, 1904.
No. 12647.—A. E. Harding, manufacture of spirit and oil from kauri refuse. [S. C. R. Trevor.] 18th May, 1904.
No. 12703.—New Zealand Loan and Mercantile Agency Company, Limited, seed-sower. [C. Bristow.] 21st May, 1904.
No. 12772.—G. E. Woodbury, ore-concentrator. 18th May, 1904.
No. 12834.—The Welsbach Incandescent Gaslight Company, Limited, gas-stove. [C. Clamond.] 19th May, 1904.

THIRD-TERM FEES.

- No. 9534.—L. Billett and F. R. Cowper, tuyère for forge. 18th May, 1904.
No. 9541.—A. C. Crehore and G. O. Squier, controlling electric currents. 11th May, 1904.

F. WALDEGRAVE,
Registrar.

Requests to amend Applications and Specifications allowed.

THE requests to amend applications and specifications for Letters Patent Nos. 17348 and 17349—G. W. Basley, manifold account-book—advertised in Supplement to *New Zealand Gazette*, No. 25, of the 18th March, 1904; and No. 16140—P. Magnus, tire—advertised in Supplement to *New Zealand Gazette*, No. 15, of the 18th February, 1904, have 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 12th to the 25th May, 1904, inclusive:—

- No. 16631.—F. Oakden and W. G. T. Goodman, car-fender.
No. 16632.—P. J. Brown, closing leak-holes in gum boots.

- No. 16634.—M. B. Edwards, horse-shoe.
No. 16636.—W. P. Porteous, table-golf.
No. 16642.—E. Seagar, tubular dryer.
No. 16644.—C. E. Ancombe, sash-cord detainer.
No. 16650.—W. S. Robinson and P. S. Swanson, securing umbrella-ribs.
No. 16652.—J. Simpson, pipe-union.
No. 16653.—A. P. Anderson, pianist's hand gymnasia.
No. 16655.—L. Gaitt, animal-trap.
No. 16657.—W. Aitken, window attachment.
No. 16658.—W. Ward, lock nut.
No. 16660.—S. McDonald and G. B. Lamborn, detaching rider's shoe from cycle-treadle.
No. 16665.—H. Carter and J. J. Evans, cleaning kauri-gum.
No. 16667.—M. J. C. Jonassen, scarf-pin.
No. 16669.—A. A. Carson, tank strainer.
No. 16670.—F. G. Lindback, oil can nozzle (D. Fisher).
No. 16672.—J. T. Innes, steam-generator.
No. 16674.—B. A. A. Pearce, wire-strainer.
No. 16675.—B. Porter, waterproof ventilator.
No. 16680.—G. Kochendorfer, cutting tobacco from cigarette-ends.
No. 16681.—W. Beamish, boot-fastener.
No. 16682.—W. Beamish, sling and shackle.
No. 16683.—W. Beamish, sack-mouth fastener.
No. 16684.—J. Melville, plating iron or steel with cast iron.
No. 16685.—J. Muller, hinge, straps, rails, &c.
No. 16686.—E. F. J. Grigg, chaff-cutter and corn-crusher.
No. 16692.—G. Bolton, water-closet and latrine.
No. 16693.—T. Kendrick, spring hand-truck.
No. 16700.—F. Mason, substitute for beeswax.

F. WALDEGRAVE,
Registrar.

Application for Letters Patent void.

APPLICATION for Letters Patent, with which complete specification has been lodged, void owing to non-acceptance of such complete specification:—

Nil.

F. WALDEGRAVE,
Registrar.

Applications for Letters Patent lapsed.

LIST of applications lapsed owing to Letters Patent not being sealed, from the 12th to the 25th May, 1904, inclusive:—

- No. 15619.—D. Harris, milk stainer and cooler.
No. 15620.—D. Harris, securing ends of fence-wire.
No. 15635.—F. P. Wilson, printers' galley and chase (J. Knight).
No. 15636.—V. H. L. Wood, supporting window-curtain.
No. 15665.—P. A. Harkin, moulding confectionery.

F. WALDEGRAVE,
Registrar.

Letters Patent void.

LETTERS Patent void through non-payment of renewal fees from the 12th to the 25th May, 1904, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 12377.—C. J. Cooze, acetylene-generator.
No. 12381.—Hurry and Seaman's Patents, Limited, Portland cement (E. H. Hurry and H. J. Seaman).
No. 12382.—Hurry and Seaman's Patents, Limited, Portland cement (E. H. Hurry and H. J. Seaman).
No. 12383.—Hurry and Seaman's Patents, Limited, lining of rotary cement-furnace (E. H. Hurry and H. J. Seaman).
No. 12384.—A. McDonald and E. E. Turner, tobacco-cutter (H. Jones).
No. 12385.—G. R. Robertson, fastening for hoop-iron.
No. 12387.—M. C. Jackson, J. McDonough, and A. J. Clark, rock-drill.
No. 12388.—J. Ross and W. D. Cairney, explosive.
No. 12390.—D. Lichtenberg-Madsen, celluloid cliché, stamp, &c.
No. 12392.—H. B. Haigh, heel.
No. 12395.—The British Westinghouse Electric and Manufacturing Company, Limited, electric lighting on railway-vehicles (W. E. Hughes—E. R. Hill).
No. 12396.—The British Westinghouse Electric and Manufacturing Company, Limited, electric brake (W. E. Hughes—E. M. Tingley).
No. 12401.—J. Coates, measuring and mixing gas and air (G. R. Cottrell).

No. 12404.—W. E. Tait and F. J. Olsen, filtering water (F. J. Olsen and E. H. Whitmore).
 No. 12405.—J. Ower, fence (S. W. Shaw—Cyclone Woven-wire Fence Company—W. Hewitt).
 No. 12406.—P. S. Irwin and S. J. Luke, dredging.
 No. 12409.—H. L. Spring, amalgamating ores (H. T. Rigg).
 No. 12410.—H. L. Spring, crushing ores (H. T. Rigg).
 No. 12415.—T. Burrell, cycle-tire.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 9261.—C. T. Crowden, tubular joint.
 No. 9277.—E. J. Curran, drafting garment-patterns.
 No. 9295.—D. E. Smith and A. Tyree, lasting-pliers.

F. WALDEGRAVE,
 Registrar.

Designs registered.

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

No. 206.—Eric Broughton, of Burgess Road, Devonport, Auckland, New Zealand. Tailor. Class 5. 5th April, 1904.
 No. 207.—Herbert Tolfree Harding and Aubrey Field Billing (trading as "Harding and Billing"), of Auckland, New Zealand, fine-art publishers. Class 5. 18th April, 1904.

F. WALDEGRAVE,
 Registrar.

Applications for Registration of Trade Marks.

Patent Office,
 Wellington, 25th May, 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: 4542.
 Date: 27th January, 1904

The word
 TRADE MARK.

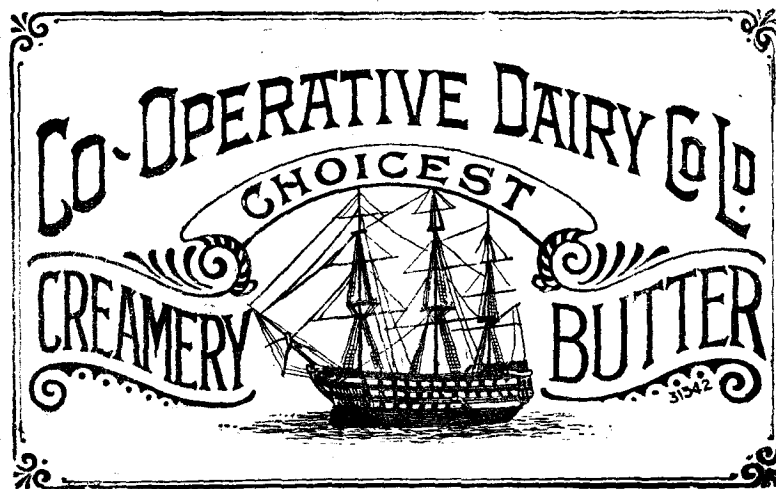
SAPON.

NAME.

"SAPON, LIMITED," of 33, St. Smithin's Lane, London, E.C., in England.

No. of application: 4677.
 Date: 21st April, 1904.

TRADE MARK.



The essential particulars of this trade mark are the device and the word "Victory"; and applicants disclaim any right to the exclusive use of the words "Choicest Creamery Butter."

NAME.

THE WILKINS AND FIELD HARDWARE COMPANY, LIMITED, of Nelson, New Zealand.

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

No. of class: 47.

Description of goods: Soap, soap-powders, extract of soap, washing-powders, cleansing-powders, detergents, and similar goods in this class.

No. of application: 4644.
 Date: 5th April, 1904.

TRADE MARK.

Koola

NAME.

ARTHUR TEASDALE, of No. 40, Victoria Street, Auckland, New Zealand, Hairdresser and Tobacconist.

No. of class: 48.
 Description of goods: Shampoo.

No. of application: 4675.
 Date: 19th April, 1904.

TRADE MARK.

The word

BONITA.

NAME.

THE PACIFIC HARDWARE AND STEEL COMPANY, of San Francisco, in the State of California, United States of America, Manufacturers and Exporters.

No. of class: 6.

Description of goods: Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7, such as steam-engines, boilers, pneumatic machines, hydraulic machines, locomotives, and weighing-machines, machine tools, mining machinery, fire-engines.

No. of application : 4682.
Date : 22nd April, 1904.

TRADE MARK.



NAME.

GEORGE ALEXANDER COLES AND Co., of Exmouth Street, Eden Terrace, Auckland, New Zealand.

No. of class : 38.

Description of goods : Boots, shoes, and slippers.

No. of application : 4700.
Date : 28th April, 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 articles mentioned for over twenty years.

NAME.

F. REDDWAY AND Co., LIMITED, of Cheltenham Street, Pendleton, Manchester, in the County of Lancaster, England, Manufacturers of Woven Machine-belt and Hose.

No. of class : 50.

Description of goods : Machine-belt and aprons for machinery woven from textile materials.

No. of application : 4711.
Date : 6th May, 1904.

TRADE MARK.

THE STAR

NAME.

GEORGE N. CLEMSON, of Middletown, in the County of Orange and State of New York, United States of America, Manufacturer.

No. of class : 12.

Description of goods : Cutlery and edge tools, including saws.

B

No. of application : 4712
Date : 6th May, 1904.

TRADE MARK.



NAME.

GEORGE N. CLEMSON, of Middletown, in the County of Orange and State of New York, United States of America, Manufacturer.

No. of class : 12.

Description of goods : Cutlery and edge tools, including saws.

No. of application : 4718.
Date : 11th May, 1904.

TRADE MARK.

The word

TREASURE.

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 : 4719.
Date : 12th May, 1904.

TRADE MARK.

The word

PRIZE.

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 ingredient in food.

No. of application : 4721.
Date : 16th May, 1904.

TRADE MARK.

The word

CLUB.

NAME.

E. W. PIGEON AND Co., LIMITED, of 132, Lichfield Street, Christchurch, New Zealand, General Merchants and Importers.

No. of class : 22.

Description of goods : Carriages, bicycles, &c.

No. of application: 4724.
Date: 18th May, 1904.

TRADE MARK.

The words

THIS'LL DHU.

NAME.

—SLATER, RODGER, AND CO., LIMITED, of 5, West Scotland Street, Glasgow, North Britain, Spirit-merchants.

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

No. of application: 4726.
Date: 19th May, 1904.

TRADE MARK.

The word

"BELLS."

NAME.

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

No. of class: 42.
Description of goods: Dried fruits of all descriptions (i.e., currants, sultanas, raisins, &c.).

No. of application: 4729
Date: 23rd May, 1904.

TRADE MARK.

The word

CHIN.

NAME.

JULIUS BLAU, of Buda-Pesth, Hungary, Traveller, and HENRY ISAACS, of Dunedin, New Zealand, Indenter.

No. of class: 12.
Description of goods: Cutlery and edge tools.

No. of application: 4730.
Date: 23rd May, 1904.

TRADE MARK.

The word

MATADOR.

NAME.

P. HAYMAN AND CO., of Dunedin, New Zealand, Importers.

No. of class: 12.
Description of goods: Cutlery and edge tools.

Trade Marks registered.

LIST of Trade Marks registered from the 12th to the 23rd May, 1904, inclusive:—
No. 3574; 4539.—Blakey's Boot-protectors, Limited. Class 13. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3575; 4565.—Hancock and Co. Class 43. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3576; 4538.—J. Wilson and Co., Limited. Class 17. (*Gazette* No. 15, of the 18th February, 1904.)
No. 3577; 4586.—J. Poynter, Son, and Macdonalds. Class 42. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3578; 4184.—The Rongotea Co-operative Dairy Company, Limited. Class 42. (*Gazette* No. 37, of the 14th May, 1903.)
No. 3579; 4537.—R. J. Headdey. Class 47. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3580; 4562.—T. A. Edison. Class 8. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3581; 4574.—The Tobacco Warehousing and Trading Company, Incorporated. Class 2. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3582; 4594.—Dunlop Pneumatic Tire Company of Australia, Limited. Class 40. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3583; 4585.—American Seeding-machine Company. Class 7. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3584; 4493.—W. H. N. and V. J. Heather. Class 43. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3585; 4180.—E. W. Pidgeon and Co., Limited. Class 45. (*Gazette* No. 37, of the 14th May, 1903.)
No. 3586; 4181.—E. W. Pidgeon and Co., Limited. Class 45. (*Gazette* No. 37, of the 14th May, 1903.)
No. 3587; 4559.—G. W. Wilton. Class 3. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3588; 4587.—W. E. Munday. Class 38. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3589; 4478.—The Imperial Tobacco Company (of Great Britain and Ireland), Limited. Class 50. (*Gazette* No. 2, of the 7th January, 1904.)
No. 3590; 4479.—The Imperial Tobacco Company (of Great Britain and Ireland), Limited. Class 50. (*Gazette* No. 2, of the 7th January, 1904.)
No. 3591; 4566.—Hancock and Co. Class 43. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3592; 4590.—Allan and Co. Proprietary, Limited. Class 9. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3593; 4605.—S. Wylie. Class 3. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3594; 4606.—Gollin and Co. Proprietary, Limited. Class 4. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3595; 4580.—Goodlass, Wall, and Co., Limited. Class 1. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3596; 4581.—Goodlass, Wall, and Co., Limited. Class 4. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3597; 4582.—Goodlass, Wall, and Co., Limited. Class 1. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3598; 4583.—Goodlass, Wall, and Co., Limited. Class 4. (*Gazette* No. 20, of the 3rd March, 1904.)
No. 3599; 4578.—Sargood, Son, and Ewen. Class 35. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3600; 4589.—T. Boyd and Son. Class 22. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3601; 4590.—T. Boyd and Son. Class 22. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3602; 4600.—W. Lewis. Class 48. (*Gazette* No. 25, of the 18th March, 1904.)
No. 3603; 4521.—W. and G. Turnbull and Co. Class 50. (*Gazette* No. 25, of the 18th March, 1904.)

F. WALDEGRAVE,
Registrar.

Trade Marks Renewal Fee paid.

FREE paid for the renewal of the undermentioned Trade Mark for Fourteen Years from the date first mentioned:—

No. 85/77.—31st July, 1904.—National Starch Company, of New York, United States of America. 18th May, 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.]

NO. 86/2616.—Carter Medicine Company, of 57, Murray Street, in the City, County, and State of New York, United States of America, Manufacturing Chemists (three trade marks). [B. Good.] 16th May, 1904.

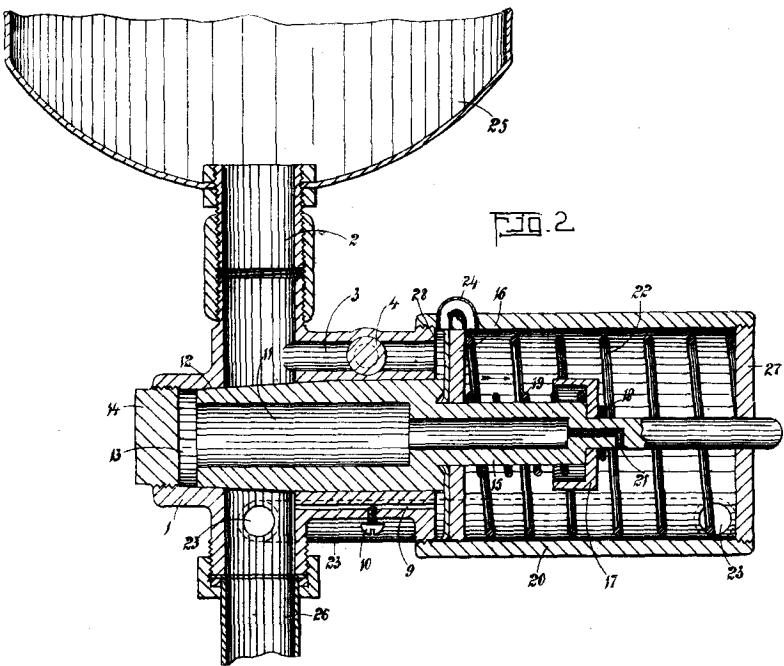
F. WALDEGRAVE,
Registrar.

F. WALDEGRAVE,
Registrar.

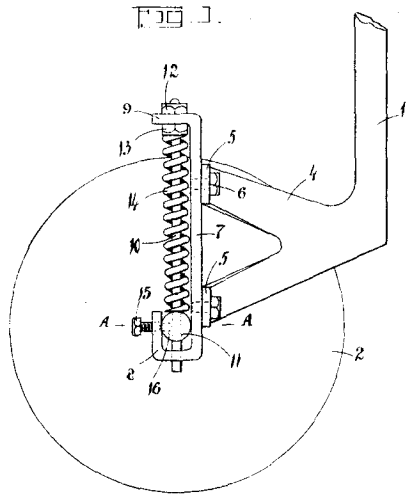
By Authority: JOHN MACRAY Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

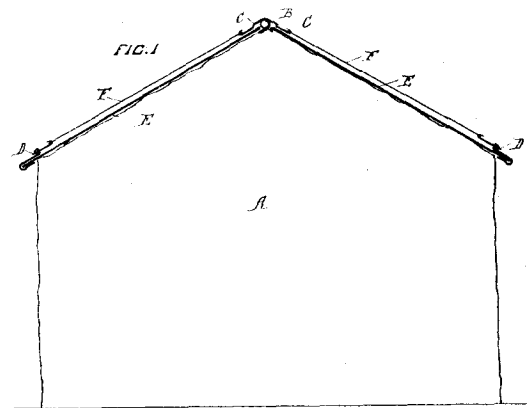
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



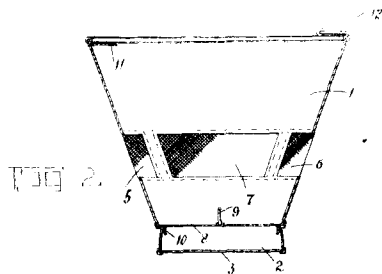
16600
May. Flush-tap.



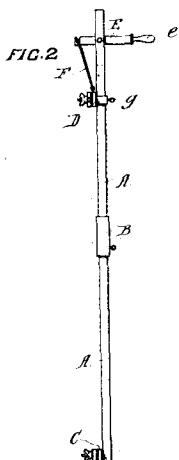
16673
Williams. Couler.



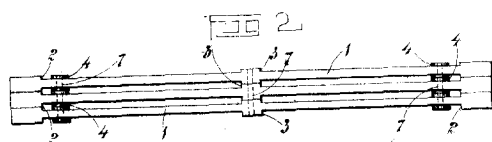
16614
Ross. Securing Iron Roofing.



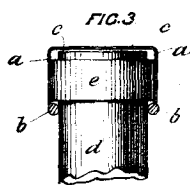
16820
Gough. Milk-strainer.



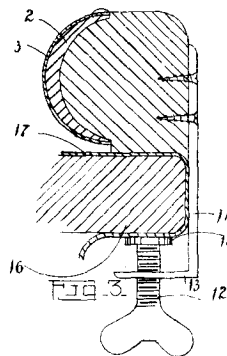
16704
Holford. Trouser-stretcher.



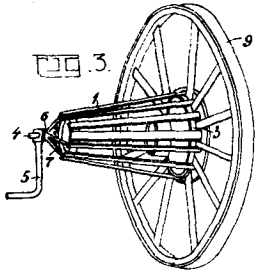
17853
McMurrich. Fire-bar.



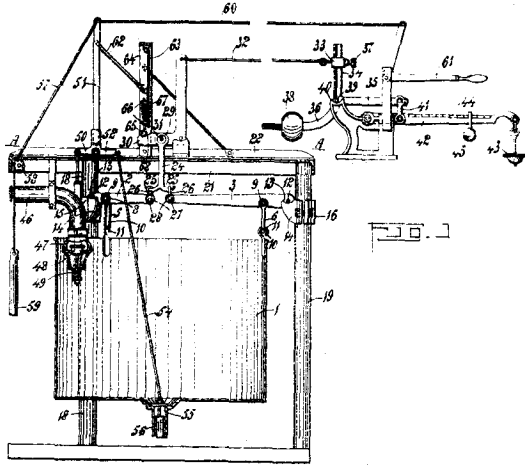
16742
Cole. Bottle-sprinkler Attachment.



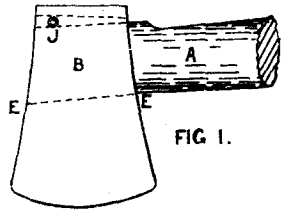
16690
Duffy. Billiard-table.



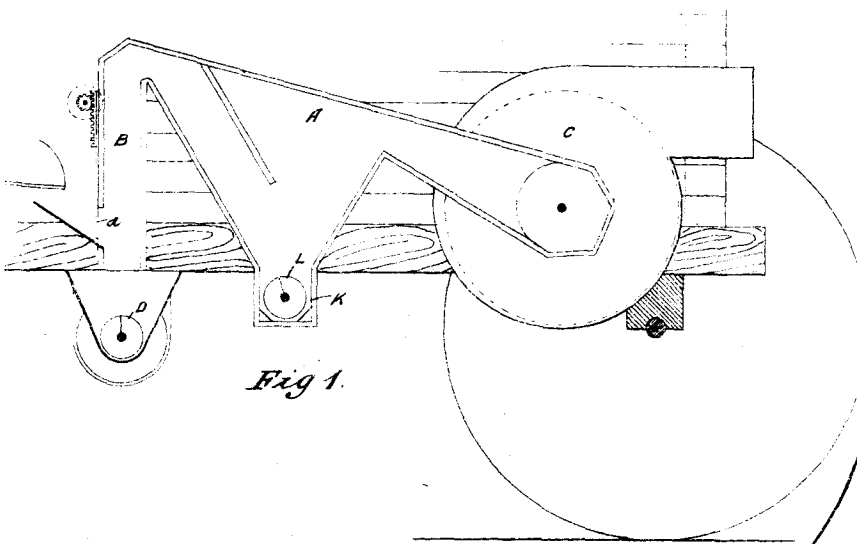
16830
R. and F. Fenwick. Wire-coiler.



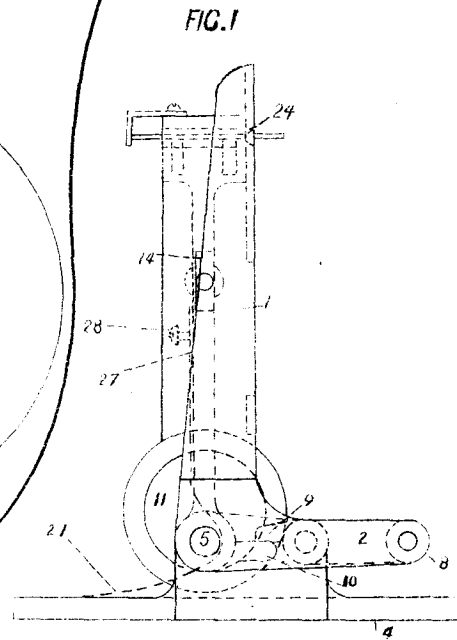
17288
Cooper. Milk-weighing Machine



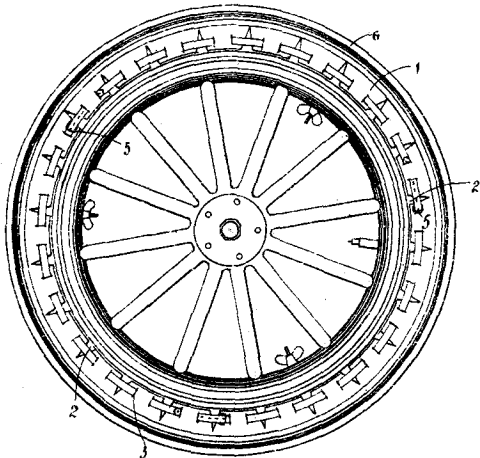
17461
Clare. Axe.



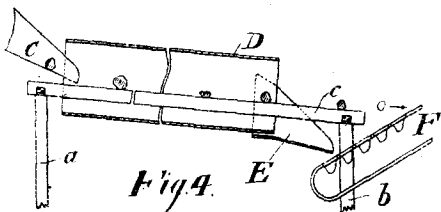
17211
Andrews and Beaven. Threshing-machine.



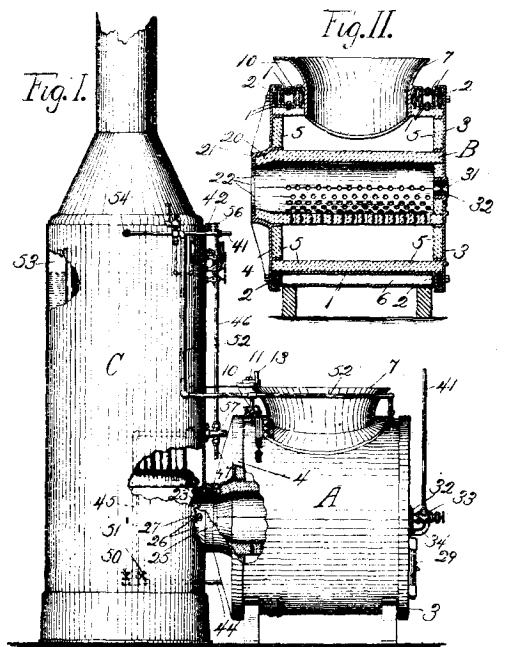
16212
Notan. Ticket-dater.



17548
Lightband. Tire-cover.



17802
Lobnitz. Dredger.



17800
White-Mylin Furnace Company. Furnace. (Mylin and White.)

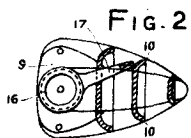
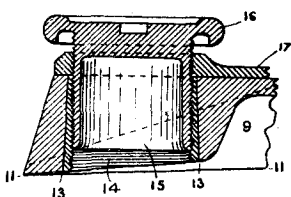
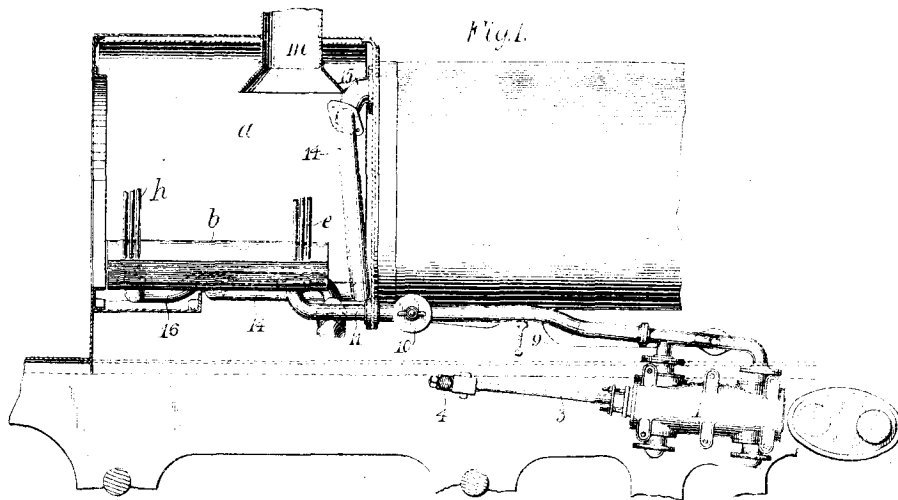


FIG. 4



17836
Howard. Machine-shears.



17769
The New Century Engine (Foreign Patents) Company, Limited.
Engine and Generator. (Field.)

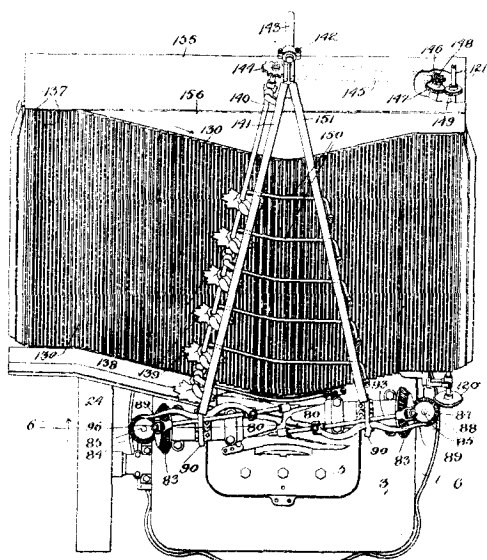
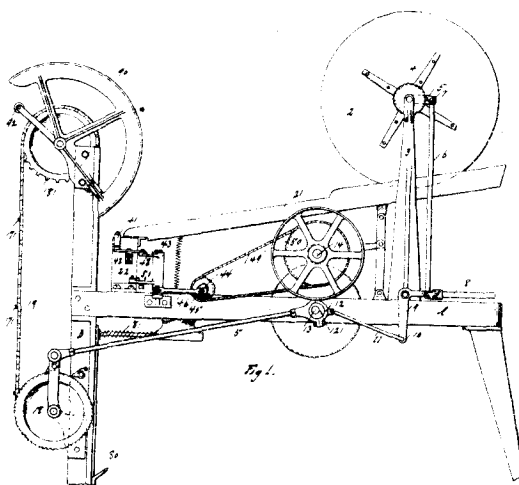
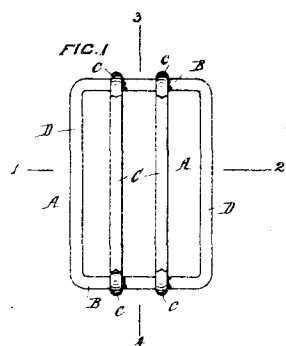


FIG. 1.

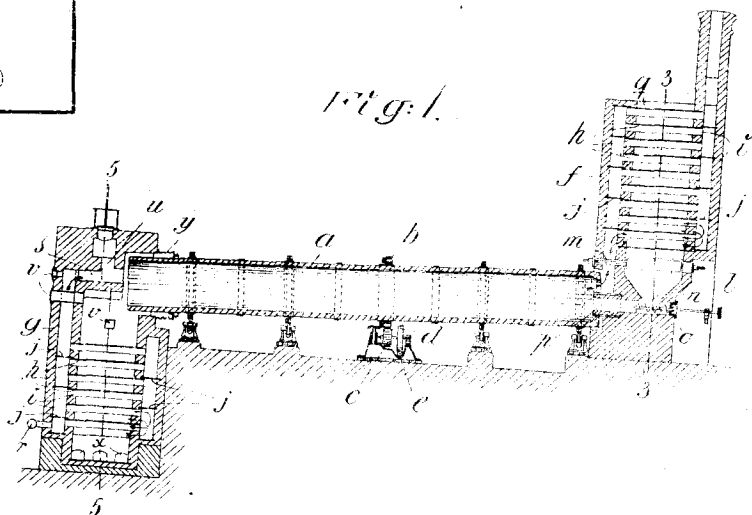
17766
Planter's Compress Company. Baling-press. (Cowley.)



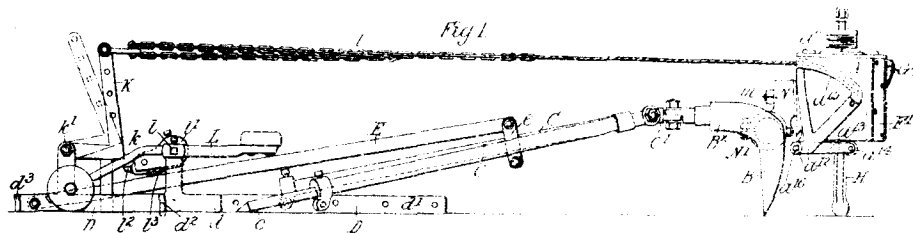
17770
La Flamboy. Match-machine.



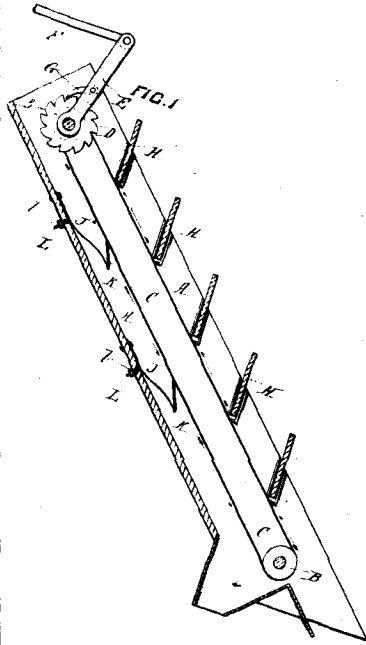
17748
Scorzar. Belt-fastener.



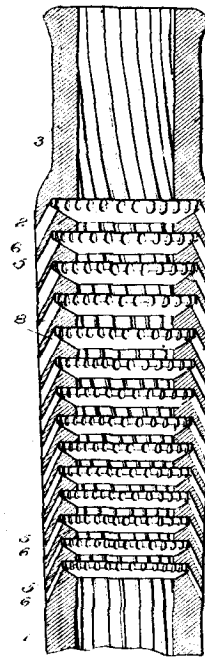
17842
Gröndal. Furnace.



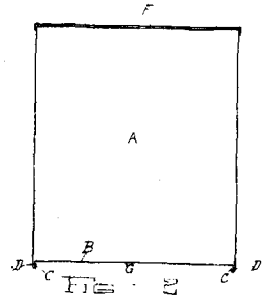
17521
Simmons. Rock-drill Lifter.



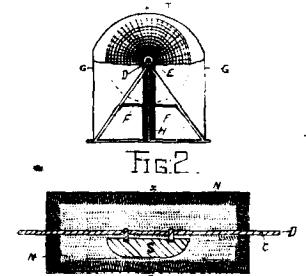
17815
Dennison. Seed-separating Machine.



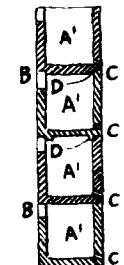
17801
McClellan Arms and Ordnance Company. Gun.
(McClellan.)



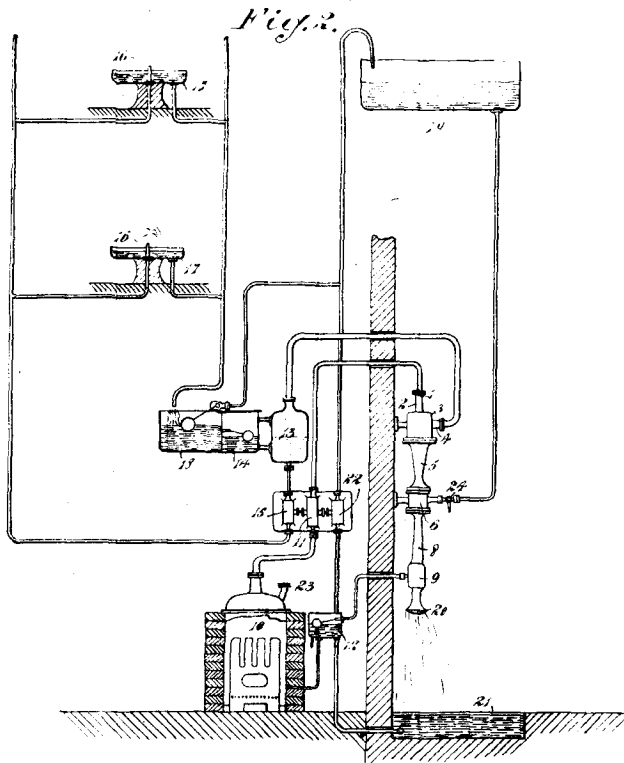
17860
Harkins. Tin Bottom and Top Fixer.



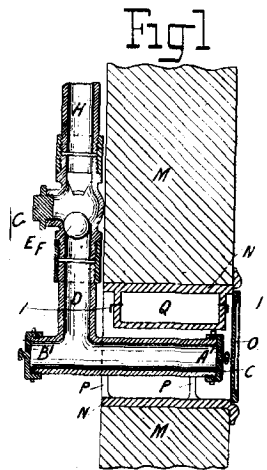
17851
Carter and Evans. Gum-cleaner.



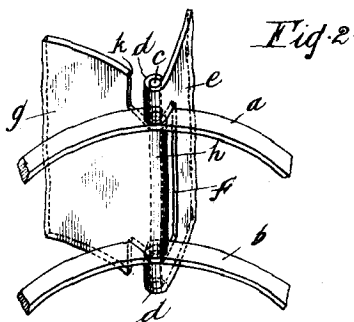
17858
Eggleton. Flower-pot.



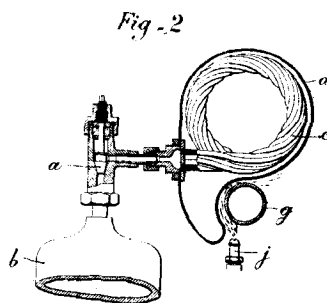
17844
Hughes. Cooling apparatus. (Leblanc.)



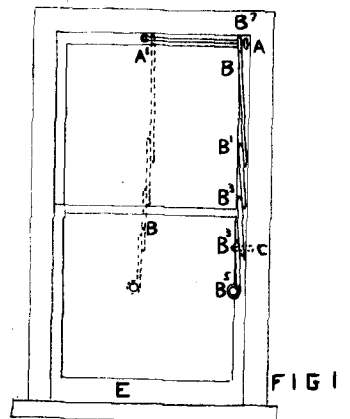
17807
Hodge and Zlotkowski. Fire-extinguisher.



17843
Forsberg and Ljungstrom. Link-blade Liner.



17516
Lajoie. Motor.



17859
Jamison. Sash-adjuster.