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Official Notices.

THE following publications relating to Patents for inventions, &c., are open to inspection in the colony:—

WELLINGTON.—PATENT OFFICE LIBRARY.

United Kingdom.

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 10th May, 1906.

Classified abridgments of inventions from 1855 to 1904.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to July, 1906.

- Index of Applicants.
- Subject-matter Index.
- Commissioner of Patent Journal, &c.(*).
- Trade Marks Journal to July, 1906.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to February, 1906.

Australia.

The Official Journal of Patents of the Australian Commonwealth (containing lists of applications for letters patent, abridgments of complete specifications accepted, &c.).

The Gazettes of the various States (containing lists of applications for registration of trade marks, &c.).

Specifications, drawings, abridgments, and indexes of Victoria, New South Wales, Queensland, and South Australia^(b).

United States.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to July, 1906.

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

General.

La Propriété Industrielle (the official organ of the International Bureau of the Union for the Protection of Industrial Property).

- Patent laws of the world.
- Patent and Trade Mark Review.
- Text-books and handbooks on patents and trade marks.

AUCKLAND.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1900.
Illustrated Official Journal from 1897 to date.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) from 1897 to date.

Australia.

The Official Journal of Patents from 1905 to date.

United States.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) from 1885 to 1887 and 1890 to 1895.

CHRISTCHURCH.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1900.
Illustrated Official Journal from October, 1905, to date.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.), from 1897 to date.

Australia.

The Official Journal of Patents from 1905 to date.

DUNEDIN.—TOWN HALL.

United Kingdom.

Classified abridgments of inventions from 1855 to 1900.
Illustrated Official Journal from October, 1905, to date.

BOOKS AND DOCUMENTS OPEN TO INSPECTION.

The following documents and books are open to public inspection at the Patent Office:—

Patents.

(Fee for each search or inspection, not exceeding one hour, 1s.)

1. The files relating to all applications for letters patent in respect of which complete specifications have been accepted.
2. Classified copies of specifications and drawings, with index and key^(a).
3. Register of Application for Letters Patent.
4. Register of Patents.
5. Register of Subsequent Proprietors of Letters Patent^(d).
6. Index of Patentees^(e).
7. Index of Proprietors of Letters Patent granted prior to 1890^(f).
8. Index of Specifications^(g).

Designs.

(Search fee, 1s. each quarter of an hour.)

1. Register of Designs, with Index of Names of Proprietors.
2. Classified Representations of Designs in respect of which Copyright has expired.
3. Index of Designs.

Trade Marks.

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1. The files relating to all applications for registration of trade marks.
2. Register of Applications for Registration of Trade Marks.
3. Register of Trade Marks.
4. Index of Applicants for Registration of Trade Marks^(h).
5. Index of Trade Marks.
6. Classified Representations of Trade Marks, with indexes.

Miscellaneous.

Register of Patent Agents.

FORMS.

The following forms, &c., may be had on application:—

- Application for letters patent.
- Provisional specification.
- Complete specification and copy thereof.
- Application for registration of design.
- Application for registration of trade mark.
- Applications for extension of time.
- Requests by subsequent proprietor to enter name on Register of Patents and Trade Marks.
- Printed sheets of information as to fees and procedure to obtain letters patent and to register a trade mark⁽ⁱ⁾.
- Pamphlet containing Act and Regulations (price 1s.).

OFFICIAL PUBLICATIONS.

The following publications may be obtained from the Government Printer, Wellington:—

Printed specifications to the end of the year 1879.
Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1888 inclusive.

Annual reports of the Registrar, containing alphabetical lists of applicants for letters patent and of inventions patented from 1889 to 1904 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. Court Houses.

PATENT AGENTS.

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

- (a) Discontinued.
- (b) In arrear. Not now being printed.
- (c) Key is in card index.
- (d) This Register contains only names of subsequent proprietors of letters patent granted prior to 1st January, 1890; since that date they appear in Register of Patents.
- (e) Includes all names of applicants, &c., and consists of four volumes to 4th November, 1903, and card index since that date. A separate card index is kept for current quarter.
- (f) The names of proprietors of subsequent letters patent appear in the Index of Patentees.
- (g) Contains classified abridgments of specifications from 1861, with extracts from drawings from July, 1904.
- (h) Names of applicants for registration and proprietors of trade marks are indexed at the beginning of the Registers up to 31st December, 1889; in separate volume up to 5th September, 1904; and since the latter date are in card index.
- (i) May also be obtained at any local Patent Office or money-order office.

Applications for Letters Patent filed.

LIST of Applications for Letters Patent filed. (Where a complete specification accompanies an application an asterisk is affixed; in all other cases a provisional specification has been lodged. In cases where the applicant is not the inventor the name of the latter appears in italics after the title)

- No. 21676.—18th August.—W. H. Wharfe, Auckland, N.Z. Separating fibre from kauri-gum.
- No. 21677.—22nd August.—H. Doyle, Sydney, N.S.W. Vacuum cleaning apparatus.*
- No. 21678.—22nd August.—W. T. Wingfield, Melbourne, and C. W. Hermann, Windsor, Vic. Stamp pad.*
- No. 21679.—23rd August.—J. A. Sayward, Victoria, B.C. Loading and unloading lumber.*
- No. 21680.—23rd August.—W. F. Darling and S. T. Chancellor, Hobart, Tas. Levelling-staff.*
- No. 21681.—21st August.—G. Turner, Blenheim, N.Z. Tomato-forcing house.
- No. 21682.—23rd August.—D. W. McLean, Methven, N.Z. Surveying and range-finding.
- No. 21683.—23rd August.—J. Foster, Wellington, N.Z. Candle-extinguisher.
- No. 21684.—23rd August.—A. H. Baker, Ascot Vale, Vic. Rock-drilling.
- No. 21685.—20th August.—F. Henry, Waikivi, N.Z. Flax-dressing.
- No. 21686.—24th August.—S. Philip, Taita, N.Z. Hoe.
- No. 21687.—25th August.—F. de J. Clere, Wellington, N.Z. Glazing-bar.
- No. 21688.—22nd August.—R. S. Tonkinson, Dunedin, N.Z. Trolley-pole.
- No. 21689.—23rd August.—W. Dall, Dunedin, N.Z. Bias adjustment for bows.
- No. 21690.—24th August.—J. M. Crabbe, Dunedin, N.Z. Door and gate closer.
- No. 21691.—24th August.—J. Greenfield, Dunedin, N.Z. Nosebag.

- No. 21692.—23rd August.—J. Nelson, Dunedin, N.Z.
Cutter for sand or suction pump.
- No. 21693.—24th August.—A. L. Speden, Timaru, N.Z.
Caster.*
- No. 21694.—27th August.—E. Hayes, Rough Ridge, N.Z.
Wire-coiler.
- No. 21695.—28th August.—J. D. McLaurin, Pohangina, N.Z.
Reducing risk of fire in wool, &c.
- No. 21696.—28th August.—J. D. McLaurin, Pohangina, N.Z.
Lamp-glass cleaner.
- No. 21697.—28th August.—W. H. Nisbet, Sydney, N.S.W.
Pneumatic brake.
- No. 21698.—28th August.—J. Gill, Edinburgh, Scotland.
Rotary motive-power engine.*
- No. 21699.—28th August.—G. G. Holmes, Pigeon Bay, N.Z.
Wind-ow-fastening.*
- No. 21700.—28th August.—E. Deister, Fort Wayne, U.S.A.
Ore-concentrator.*
- No. 21701.—28th August.—S. J. Gallagher, Christchurch, N.Z.
Horse controlling means.
- No. 21702.—28th August.—J. A. Steele, Tamaheri, N.Z.
Apron of harvester-binder.
- No. 21703.—28th August.—W. Tate, Sydenham, N.Z.
Lifting-jack.
- No. 21704.—28th August.—W. L. Davidson, Cheviot, N.Z.
Butter-presser, &c.
- No. 21705.—28th August.—G. W. Poulsen, Kaiapoi, and F. W. Walshaw, Richmond, N.Z.
Flooring and lining cramp.
- No. 21706.—28th August.—F. T. Page, Dannevirke, N.Z.
Retaining kerosene-pump in position.
- No. 21707.—28th August.—A. Parker, Dannevirke, N.Z.
Vending postage-tamps.*
- No. 21708.—29th August.—S. Kinzett, Kaimatarau, N.Z.
Pump.
- No. 21709.—25th August.—J. P. Maloney and H. Chisholm, Fortrose, N.Z.
Station or street indicator.
- No. 21710.—29th August.—J. H. Warren, Albert Park, T. Blades, Footscray, and J. Wren, Kew, Vic.
Preventing locomotives overrunning the danger signal.
- No. 21711.—29th August.—W. Thorburn, Seattle, U.S.A.
Levelling and projecting angles.
- No. 21712.—29th August.—H. Thomson, Petersham, N.S.W.
Door-stop.*
- No. 21713.—29th August.—W. H. Nisbet, Sydney, N.S.W.
Pneumatic brake valve.
- No. 21714.—29th August.—J. Parker, Euroa, Vic.
Rabbit-trap.
- No. 21715.—29th August.—E. T. and J. A. Munro, Leongatha, and D. J. Chandler, Fitzroy, Vic.
Branding-tool.
- No. 21716.—29th August.—W. Baldwin, Sydney, N.S.W.
Fastening and joining roofing.*
- No. 21717.—29th August.—P. Brown, Rakaia, N.Z.
Turnip and root cutter.*
- No. 21718.—27th August.—F. Peters, Melbourne, Vic.
Milk, cooling or heating.
- No. 21719.—27th August.—P. Price, S. Hill, A. Taylor, A. and W. P. McElhone, and H. S. Bracy, trading as the Acme Manufacturing Company, Sydney, N.S.W.
Nail-making machine.*
- No. 21720.—30th August.—T. Grainger, Hobart, Tas.
Stock-feeder.
- No. 21721.—30th August.—E. C. Kilgour, Albert Park, Vic.
Acetylene-gas generator.
- No. 21722.—30th August.—F. J. Newberry and A. Walker, Geelong, Vic.
Chimney.*
- No. 21723.—31st August.—W. Moore, Maitara, N.Z.
Hand sheep-shears.
- No. 21724.—31st August.—W. C. Lawrence, Waitara, N.Z.
Spade.*
- No. 21725.—28th August.—F. W. Payne, Dunedin, N.Z.
Directing current to wheel.*
- No. 21726.—30th August.—F. C. Brown, Komata, N.Z.
Using products of combustion to drive turbine-engine.
- No. 21727.—30th August.—F. C. Brown, Komata, N.Z.
Ore-treatment.
- No. 21728.—30th August.—W. Beamish, Cromwell, N.Z.
Collapsible box.

- No. 21729.—30th August.—E. C. Hutton, Dunedin, N.Z.
Flax dressing. (E. W. Hutton).
- No. 21730.—3rd September.—A. J. Border, Wellington, N.Z.
Flax-bleaching process.*
- No. 21731.—3rd September.—A. J. Border, Wellington, N.Z.
Flax-drying process.
- No. 21733.—5th September.—G. Coates, of Winterslow, Eng.
Wire-s rainer.*
- No. 21734.—5th September.—E. W. Hart, Luton, Eng., and W. P. Durnall, Brockley, Eng.
Propulsion of vehicles.*

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 31st August, 1906.

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. 19947.—30th August, 1905.—JOHN HENRY ADAMS, of Thames, Auckland, New Zealand, Engineer. Improvements in or relating to medical syringes.*

Claims.—(1.) A medical syringe comprised by an airtight cylinder adapted to contain liquids, and provided with a pipe controlled by a valve leading from one end thereof, an air-pump mounted centrally within the cylinder, and projecting from one end thereof, an outlet pipe from the inner end of the pump leading into the cylinder, and a check-valve on the end of such pipe, substantially as specified. (2.) The improvements in or relating to medical syringes, substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 19956.—31st August, 1905.—JOSEPH DAWSON, of Wellington, New Zealand, Bridge-builder. Improvements in the construction of suspension bridges.*

Claims.—(1.) In the construction of suspension bridges, suspending-rods each attached to a clamp at its upper end, which clamp consists of two plates adapted to pass one below and the other above the suspension cables and to be bolted together with the cables between their faces, and the lower ends of which rods pass through the girders and stringers of the bridge, and are provided with nuts screwed upon their bottom ends, substantially as specified. (2.) In the construction of suspension bridges, suspending-rods attached to the suspension cables and to the bridge in the manner claimed in claim 1, in combination with connecting pieces extending outwards from the side trusses of the bridge and secured at their inner ends to such side trusses, and provided at their outer ends with eyes through which the corresponding suspending-rods are passed, substantially as specified. (3.) The improvements in the construction of suspension bridges, substantially as described and explained, and as illustrated in the drawings.

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

No. 19969.—30th August, 1905.—HARRY JANE, of Mount Ro-kill Road, Auckland, New Zealand, Plumber and Gas-fitter. Improvements in water-heaters.*

Claim.—The combination in a water-heater of the two upright water cases or jackets made of parallel corrugated plates, and also forming between the two jackets a corrugated heating-flue, as substantially set forth.

(NOTE.—The title in this case has been altered from that set out in the provisional specification,

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

No. 19971.—30th August, 1905.—JOHN POMEROY, of Invercargill, New Zealand, Inventor. Improvements in paper-files.*

Claims.—(1.) In a paper-file, the employment of crescent-shaped sharpened hooks having tapered slots near their points, substantially as set forth. (2.) For the purpose indicated, a file or cover, a plate carrying hooks and secured

to the file or cover, hinges attaching the portion to which the plate-carrying receptacles for the ends of the hooks are secured, the said hinges being adapted to lock in a partially closed position, substantially as set forth. (3.) The combination and arrangement of parts comprising the improvements in paper-files, substantially as and for the purposes set forth.

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

No. 19992.—7th September, 1905.—JOHN THOMAS HOOKER, of Hokitika, New Zealand, Engineer. An improved field luncheon-can.*

Claim.—(1.) For the purpose indicated, a can consisting in the combination of a lower part and a lid telescoping upon the lower part, the said can being rectangular or curved to fit the back of a carrier, D-shaped loops upon the lid and lower part through which a strap may be passed, a chain attached at one end to an ear secured upon the inside of the can within the lower part, and having a hook at its other end adapted to engage in a hole upon the opposite side of the can.

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

No. 20102.—27th September, 1905.—THOMAS JOSEPH WHELAN, of 182 Glenferrie Road, Glenferrie, Hawthorn, Victoria, Australia, Clerk. Improvements in reversible labels or address-holders.*

[NOTE.—The title in this case has been altered from that set out in the provisional specification.]

Extract from Specification.—According to this invention, reversible labels and reversible address-holders are constructed of two plates adapted to fit together, as hereinafter described, so that the upper or address plate may easily be turned upside down on the face of the base-plate and reversed, thereby exposing a different address on either side of the address-plate as may be required. Provision is also made for the insertion and conveyance of an invoice between the plates. A modified form of the invention provides a reversible label in which the base-plate is slotted to show the name, and if preferred the address of the sender as well as the name and address of the receiver. With this construction an "emergency" label or address-card may be inserted between the two plates of the label if required.

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

(Specification, 13s. 6d. ; drawing, 2s.)

No. 20202.—17th October, 1905.—ROBERT WALES, of Dunedin, New Zealand, Engineer. Improved rope-grip.*

Claims.—(1.) In a rope-grip such as described, securing the recessed plates together by hooked bolts engaging pins placed between the slotted ends of an outside plate, said bolts passing through the ends of the other plates and having nuts screwed up thereon, substantially as described. (2.) The complete rope-grip, substantially as described or illustrated in the drawings.

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

No. 20226.—26th October, 1905.—WILLIAM BRADY and BRIAN TUNSTALL CHAYTOR, both of Te Puke, Auckland, New Zealand, Farmers. A non-wearing axle for wheels of every description.*

Claims.—(1.) In the invention specified the fixing the inner cylinder to the axle and fixing the outer cylinder to the hub of the wheel and fitting the outer cylinder over the inner cylinder in the manner and for the purpose set forth, substantially as described and illustrated. (2.) In combination the axle having fixed thereto the inner cylinder, the outer cylinder fixed to the hub of the wheel and fitted over the inner cylinder, the hub with spokes radiating therefrom, and the nuts and washers specified for the purpose set forth, substantially as described and illustrated.

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

No. 20256.—28th October, 1905.—ARCHIBALD McDONALD, of Taieri, near Dunedin, New Zealand, Farmer. Improvements in sediment trap-strainers.*

Claims.—(1.) In straining and aerating liquids, in combination, upright straining meshed strainers, receptacles for containing the sediment, with aerating apparatus, all substantially as shown on the drawing, and as described and explained. (2.) In straining, aerating, and filling receptacles with liquids, in combination, upright straining meshes, sedi-

ment traps, covers for same that allow said sediment to get under them, with aerators and automatic float and plug arrangement for filling to a given point, all substantially as described and explained, and as shown on the drawing.

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

No. 20298.—8th November, 1905.—FREDERICK CAPEL BROWN, of Komata, Auckland, New Zealand, Mining Engineer. An improved method of filtering liquids or solutions containing solid matter, such as the ordinary slimes produced in the wet treatment for ores.*

Claims.—(1.) A method of filtering liquids or solutions containing solid matter, consisting of forcing them from a main supply-pipe into tubes made of one or two thicknesses of material, and thereby building up layers of solids inside said tubes concentric therewith; and of forcing liquid washes from said main supply-pipe through said layers of solids if and when required, and means for disengaging and discharging said layers of solids from the tubes after filtration, substantially as and for the purposes specified. (2.) In combination the parts specified, consisting of the tube connected to the plug, the pipe projected through the over beam and through said plug to said tube from the flexible hose, said flexible hose connected to main supply-pipe, said over beam and under supporting beam, blocks for compressing said tube, and movable and stationary launders arranged and connected for the purpose set forth as described and illustrated.

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

No. 20317.—15th November, 1905.—UNITED SHOE MACHINERY COMPANY, of Paterson, State of New Jersey, United States of America, a corporation duly organized under the laws of the said State of New Jersey, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Andrew Eppler, of Allston, Massachusetts aforesaid, Inventor). Improvements in or relating to machines for turning boots or shoes.*

Claims.—(1.) In a machine for turning the rear or counter portion of a turn-shoe, having a form over which the shoe is turned, and a plunger movable into and out of the form, provision for the purpose described for relative lateral movement of said plunger and form as the plunger enters the form. (2.) In a machine for turning the rear or counter part of a turn-shoe, a plunger that for the purpose described is yieldingly mounted on the arm that moves it into and out of the form. (3.) In a machine for turning the rear or counter portion of a turn-shoe, a plurality of forms, any one of which may be brought into operative position, and a plunger movable into and out of the operative form, and having provision for a limited lateral movement relatively to the form. (4.) In a machine for turning the rear or counter part of a turn-shoe the combination of parts such as 1, 6, 12, 11, 13 for the purpose described.

(Specification, 5s. 3d. ; drawing, 1s.)

No. 20724.—13th February, 1906.—P. AND D. DUNCAN, LIMITED, of Tuam Street, Christchurch, New Zealand, Engineers (assignees of James Kier, of Sydenham, New Zealand). Improvements in disc ploughs.*

Claims.—(1.) In any disc plough an independent steering lever connected up to the hind wheel as and for the purposes described. (2.) In any disc plough an adjustable land lever stud carrying a wheel as and for the purposes described. (3.) In any disc plough an adjustable land wheel which may be fixed to run at varying angles in relation to the backbone of plough. (4.) In any disc plough the combination of a steerable hind wheel with an adjustable land wheel as and for the purposes before described.

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

No. 20898.—22nd March, 1906.—JOSEPH HENRY SUCKLING, of 200 Worcester Street, Linwood, near Christchurch, New Zealand, Mechanic. Improvements connected with carburetters.*

Claims.—(1.) In carburetters of the class described, a spraying-nozzle formed at the end of the fuel-tube by means of a face or plate upon such end, and a face or plate upon the adjacent end of a rod adjustably arranged longitudinally with the tube, such faces or plates being so shaped as to provide for the fuel being splayed outwards in a continuous sheet from the end of the tube, substantially as specified. (2.) In carburetters of the class described, means for regulating the passage of air through the carburetting-chamber,

such means consisting of a sleeve mounted within the chamber and formed with a conical or tapered bore, such sleeve surrounding the fuel spraying-nozzle and being adjustable with regard thereto, substantially as specified. (3.) In carburetters of the class described, the combination with the sleeve claimed in claim 2, of a circular plate secured to the fuel-tube and adapted to be surrounded by the sleeve, substantially as specified. (4.) In carburetters of the class described, the combination with a spraying-nozzle formed in the manner described in claim 1, of a sleeve mounted within the carburetting-chamber and formed with a conical or tapered bore surrounding the nozzle, and being adjustable with regard thereto, substantially as specified.

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

No. 21160.—17th May, 1906.—THOMAS FRANCIS LOCKE, of Fremavdena, Tasmania, Australia, Mechanic, and EDWIN WALTER DUNCOMBE, of Deloraine, Tasmania aforesaid, Educationalist. Improvements in wire-strainers.

Extract from Specification.—This invention relates to appliances of that class by which loose wires, as of fencing, may be strained or stretched till they can be united or connected; but the invention is of service also for enabling a single wire to be strained, and for any analogous purpose. In carrying out this invention a pair of wire gripping-frames are provided, one having a chain or the like connected to it, and the other a lever or suitable straining-member. The lever fulcrum has at each side thereof a pivoted hook, the hooks being of equal length, and advancing along and gripping successive chain-links or the like as the lever-handle is reciprocated. This action draws the gripping-frames with the loose wires closer, and eventually makes the wires as taut as required, so that they may be fastened together or dealt with in any suitable way.

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

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

No. 21252.—30th May, 1906.—LESLIE BANKS, and WALTER GREY, both of Devonport, near Auckland, New Zealand, Card-box Manufacturers. An improved folding paper box.

Claims.—(1.) In the improved folding paper box specified, the cutting, blocking, or stamping the paper with the combination of shapes given to the ends, lap curves and slits made to fit over and to one another, and to the bottom and sides for the purpose set forth, as described and illustrated. (2.) In the improved folding paper box specified, the shaping the ends E with the curve G shown so that they may be fitted to the ends F shaped as shown, the engaging the curves G to the slits H, shaping the ends K as shown and fitting them in between the ends D and E and F when the box is folded and fitted together for the purpose set forth as described and illustrated.

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

No. 21400.—2nd July, 1906, ROBERT NEWMAN, of 146 Gloucester Street, Christchurch, New Zealand, Tin and Iron Worker. An improved detachable cake-tin.

Claim.—A detachable collar, with clasp to fasten same, with an independent bottom when attached, making a complete and rigid cake-tin.

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

No. 21404.—5th July, 1906.—CHARLES GRANT MERKLEY and HEDLEY CHARLES JESSEP, both of 57 Pier Street, Sydney, New South Wales, Australia, Engineers. An improved trolley-wire clip.

Claims.—(1.) An improved trolley-wire grip consisting of two members, the upper one or body having its lower edge concave and being so constructed as to fit into the other member or clip whose inner face is convex, and means for drawing and securing together the said members, substantially as described, and as illustrated in the drawings. (2.) In an improved trolley-wire grip of the form and construction herein shown a pair of lugs to which may be attached a feeder thimble. (3.) In an improved trolley-wire grip of the form and construction shown an eyelet for the purpose of securing an anchor wire. (4.) The improved trolley-wire grip as described and illustrated in combination with a hanger.

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

No. 21409.—6th July, 1906.—PETER ELLIS, of Kilbirnie, Wellington, New Zealand, Engineer. An improved motor.

Extract from Specification.—The invention provides a motor of simple construction operated by steam, compressed air, or other fluid pressure. The invention comprises a drum or boss around which cylinders and steam ports are arranged radially. Pistons fit the cylinders which are open at their outer ends so that the pistons may project therefrom. The drum is mounted upon a hollow axle, having steam and exhaust ports separated by a partition, the said ports communicating respectively with the end or ends of the hollow axle. A casing having an internal diameter greater than the drum surrounds the said drum. The outer periphery of the casing is shaped to suit the class of work to which the motor is to be applied, thus the said periphery may be shaped as a pulley to receive a belt, and may be lagged with wood or other non-conductor of heat, or it may be flanged to run upon a rail, or adapted for driving by frictional contact.

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

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

No. 21450.—16th July, 1906.—CHARLES ELLSWORTH ADAMSON of 1515 West Jackson Street, Muncie, Indiana, United States of America, Lawyer. Improvements in rotary copying-presses.

Extract from Specification.—My invention relates to an improvement in rotary copying-presses of that type wherein the copying-paper is fed from a paper-supply roll to a receiving roll, said paper being dampened during its travel from the supply to the receiving roll, and the latter being placed thereon and pressure applied to effect the copying. The object of the present invention is the provision of a press of this character in which the paper is dampened on one side only, the copy being made instantly upon the dampened side thereof before the water soaks therethrough. A further object of the invention is the provision of a particular form of dampening-roller for moistening the paper.

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

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

No. 21453.—16th July, 1906.—BRYANT AND MAY, LIMITED, of Fairfield Works, Bow, London, England, Manufacturers (assignees of Jacob Pulver Wright, of No. 342 Settle Street, and Charles Frederick Wright, of No. 607 Wunderlich Avenue, both in Barberton, Ohio, United States of America, Mechanical Engineers). Improvements in machines for filling boxes with matches, or the like.

Extracts from Specification.—In machines of this general class, it has heretofore been proposed to fill the trays directly and indirectly from the match-machine, such trays being carried on an endless belt or chain, the trays being vibrated during filling, and when filled forced within their slucks, and it has also been proposed to feed the nested box to a travelling belt upon which they are opened, and after being filled are partially closed, and the present invention relates to machines of this generally known class. . . . From the description of this machine it will be seen that the upper receiving and carrying portions of the endless chains of match and box holders travel continuously and uninterruptedly in a horizontal plane, or substantially so; that the correspondingly travelling carriers for the respective plungers extend toward, longitudinally of, and away from such portions of the said chains; that thereby the plungers of the respective carriers are progressively impelled to and in a path alongside of, and in substantially the same horizontal plane with, the holders; that during the current travel of the plunger-carriers longitudinally of and adjacent to the respective box and match holders the plungers are reciprocated horizontally or substantially so transversely of their carriers to effect their respective match-transferring, tray-opening, and tray-closing functions explained. It will be seen that, owing to the continuous and uninterrupted travel of the match and box holders, and the co-action therewith of the respective travelling-plungers, a machine is provided which is co-operative with a match-making machine of large productive capacity to accomplish the expeditious and effective filling and closing of the tray and shuck form of box.

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

(Specification, £1; drawings, 11s.)

No. 21461.—14th July, 1906.—OCTAVE DE SANTA CRUZ, of Quito, Ecuador, and temporarily residing in Paris, Department of Seine, France, Manufacturer. An improved method for the preservation and transport of articles of food.

Claims.—(1.) The combination of a method of sterilising articles of food by means of carbonic-acid gas under pressure, and the preservation of said sterilised articles for a longer or shorter period in refrigerating-chambers in which the temperature is adapted to be maintained at from 0° to 4° centigrade above zero, for producing refrigeration without freezing, said refrigerating chambers being fixed or movable in any suitable manner for the purpose of facilitating the transport thereof on land or sea. (2.) The combination, with the means above described of the use of the electric light, white or coloured, for the purpose set forth.

(Specification, 2s. 6d.)

No. 21467.—18th July, 1906.—JAMES GRANT, of Queen Street, Cobram, Victoria, Australia, Engineer. Improvements in disc cultivators.

Extract from Specification.—My invention relates to disc cultivators, and its object is to provide an implement which shall not only be cheap in first cost, but also effective and convenient in use. Amongst the chief features are: The right and left hand sides of the frame can be elevated or depressed by hand-levers, the back of the frame can also be elevated or depressed by shifting collars, the disc shaft can, one end at a time, or both ends together, be elevated or lowered in relation to the frame, the front end of the said discs can likewise be moved backward or forward, and thereby be inclined to the angle of draft, and a thrust bracket is provided, which is capable of moving along the left hand frame piece, and has a thrust block therein which is adjustable,

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

(Specification, 8s. 6d.; drawings, 2s.)

No. 21475.—19th July, 1906.—HORATIO THOMAS JONES, of No. 31 Spring Creek, Melbourne, Victoria, Australia, Engineer, and RICHARD HEATHERINGTON MUNDELL, of 538 Flinders Street, Melbourne aforesaid, Merchant (assignees of Horatio Thomas Jones aforesaid, and John Peter Ludeman, of 208 Latrobe Street, Melbourne aforesaid, Engineer). Improvements in and relating to pumps, blowers, compressors, and the like.

Extract from Specification.—To this end the packing is attached to the piston by means of a double cone and ring device, whereby it cannot become inadvertently detached, and moreover a perfectly air-tight fit is assured, whilst a further improvement consists in the application of a storage cylinder into which the fluid is admitted and maintained at a pressure so that it may be discharged therefrom in a continuous stream.

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

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

No. 21498.—23rd July, 1906.—JAMES BATES, of Auckland, New Zealand, Stovemaker. An improved water cistern for use in conjunction with hot-water services.

Claim.—A cistern for use in conjunction with hot-water service, provided with a false bottom formed with an opening in its middle and arranged a short distance above the main bottom, an inlet-pipe leading down through the cistern and opening into the space beneath the false bottom, a pipe leading from the cistern beneath the false bottom to the heating boiler, a pipe leading from the boiler to the cistern above the false bottom, and a service pipe leading from the cistern above the false bottom, substantially as specified.

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

No. 21502.—24th July, 1906.—RODERICK GEORGE ALEXANDER MACDONALD, of 82 Cumberland Street, Dunedin, New Zealand, Law Clerk. An improvement in typewriter and printing type.

Extract from Specification.—My invention consists in making the heads of the type of typewriters hollow below the type so that chambers are formed through the head nearly to the type, a foundation sufficiently strong to sup-

port the type being left. The sunk parts of the type are perforated and communication formed with the chamber below the type.

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

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

No. 21506.—23rd July, 1906.—WALTER HENRY PEARSON, of Dunedin, New Zealand, Gentleman. Improved shot-machinery.

Claims.—(1.) In shot-making machinery, in combination, a plate having a longitudinal as well as an intermittent revolving motion, and in which is formed groups of moulds for shot-blanks, said plate capable of moving longitudinally up to the nozzle of a melting-pot, from which melted metal is forced into said moulds (group by group), said plate also capable of being moved from said casting-nozzle, turning to the next position and trimming any shot-blanks by knives during said turning, and ejecting said blanks during the said longitudinal movement by pressing up against fixed pins, with a shot-rolling machine consisting of a revolving disc and a fixed band grooved for rolling said shot-blanks to hard and round shot, all substantially as shown on the drawing, and as described and explained. (2.) In combination, in shot-making machinery, substantially as set forth, consisting of a pot for melting the metal, a plate for casting shot-blanks in, automatically working and ejecting said blanks into a shot-rolling machine, all substantially as shown and described, and as illustrated in the drawing.

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

No. 21509.—26th July, 1906.—FRANK STAINS, of No. 290 Collins Street, Melbourne, Victoria, Australia, Manager. An improved smoking-pipe.

Claims.—(1.) An improved smoking-pipe provided with one or more hollow tubes extending across the lower portion of the bowl and slightly above the bore of the stem. (2.) In a smoking-pipe, a tube with open ends extending horizontally across the base of the bowl and through the sides thereof at a height slightly above the bore of the stem, substantially as set forth. (3.) In a smoking-pipe, a tube with open ends extending across the base of the bowl and through the sides thereof at a height slightly above the bore of the stem, one end of the tube terminating in two branches, substantially as set forth. (4.) In a smoking-pipe, a tube in the base of the bowl above the bore of the stem, holes through the sides of the bowl into which the ends of the tube fit, one end thereof extending beyond the bowl and twisted spirally around the stem, substantially as set forth.

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

No. 21510.—26th July, 1906.—HENRY R. WORTHINGTON, a corporation organized and existing under the laws of the State of New Jersey, and having their principal place of business at 114 Liberty Street, New York, United States of America (assignees of Franz Ferdinand Nickel, of East Orange, New Jersey aforesaid, Mechanical Engineer). Improvements in compensating direct-acting engines.

Extract from Specification.—In carrying out the invention, an outlet from the compensating system for the escape of fluid to lessen the opposition to the working pressure and thus increase the effect of the latter is employed, which is controlled by the length of the engine stroke in such a manner as to increase the effective compensating pressure in case the stroke shortens, and to decrease the compensating pressure in case the engine stroke lengthens, so as to bring the engine back to normal length stroke, in case the stroke varies therefrom, and thus to maintain a practically constant stroke of the engine.

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

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

No. 21538.—31st July, 1906.—ROBERT MORE SMITH, of No. 7 Oxford Street, Newton, Auckland, New Zealand, Pottery Yardman. Improvements in coupling-sockets for drain-pipes.

Extract from Specification.—My invention consists in making the coupling in two parts, the lower part being provided with longitudinal recesses adapted to receive the edges of the upper part. Ribs are provided in both parts to form spaces, into which cement is introduced, the surfaces of the pipe and the socket being roughened or corrugated to insure

strong adhesion of the cement. The inside of the recess and the outer edge of the upper part are also scored or grooved to form secure holds for the cement.

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

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

No. 21550.—1st August, 1906.—HINRICH PETER DIEDRICH OHLHAVER, of Sande, near Bergedorf, Germany, Merchant. Improvements in and relating to milking-machines.

Claims.—(1.) In a milking-machine of the character described, an air-regulating passage, or orifice, connecting the suction passage from the non-return valve to the teat of the animal with the outside atmosphere, so that a regulated amount of air will pass inwards therethrough, for the purpose of obtaining alternately an increasing and decreasing vacuum therein. (2.) In an air-regulating passage of the character claimed in claim 1, the use of an adjusting screw having a tapered slot therein, substantially as and for the purpose specified. (3.) In an air-regulating passage for the character claimed in claim 1, the use of a regulating valve arranged and operating, substantially as described with reference to Fig. 4.

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

No. 21560.—30th July, 1906.—ANDREW JOHNSTON, of Devonport, near Auckland, New Zealand, Artificer. An improved combined mop and scrubber device.

Claims.—(1.) The combined mop and scrubber device specified, consisting of two handles carrying two discs inwardly fitted thereto, having their lower ends turnably fitted to between two cross-pieces, a rod or bar adjusted to and fixed between centre of said cross-pieces, having a mop fixed to one end of said rod or bar and scrubbing-brush fixed to other end of said rod or bar, said other end having a suitable angular shape, and cross-bar turnably fitted to end of one handle slotted to engage end of other handle for the purpose set forth as described and illustrated. (2.) In the combined mop and scrubber device covered by claim 1, the rod or bar adjusted and fixed to between centre of two cross-pieces, and having a mop fixed to one end and scrubbing-brush fixed to other end of said rod or bar as specified. (3.) In the combined mop and scrubber device covered by claim 1, the two handles turnably fitted to said cross-pieces and the two discs inwardly fitted to said handles so as to immediately fit over mop when said mop is projected inwardly, as specified.

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

No. 21572.—3rd August, 1906.—THOMAS BERRY LOCKLEY, of Clinton Street, Goulburn, New South Wales, Australia, Teacher of Carpentry, Technical College, Goulburn. An improved auxiliary fuel-box for stoves and the like.

Extract from Specification.—According to this invention an improved auxiliary fuel-box for stoves and the like consists of a box open at one end and having a removable lid, and is generally oblong and rectangular in shape, but should conform to the shape of the firebox of a stove, and is supported in front of and with its floor or bottom level with said firebox by a bracket from a U-shaped frame, the return of which rests upon the hearth or floor or projecting footplate of stoves whose fronts are not in the one vertical plane, and the ends whereof take under the hollow nosing of the stove-plate. In some cases the box may be constructed in two parts telescoping one within the other.

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

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

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

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

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

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

F. WALDEGRAVE,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 5th September, 1906.

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

No. 21375.—C. F. Gardner and R. O. Clark, method of advertising.

No. 21426.—J. S. McPherson, axe-sheath.

No. 21459.—J. Hennessy and J. F. Mills, fire-bars.

No. 21460.—D. L. Turner, bleaching and drying flax fibres.

No. 21471.—J. H. Noonan, explosion motor.

No. 21483.—R. O. Clark, sewer and drain inlet.

No. 21493.—H. G. Bedell and H. Nahr, sanitary liquor supplier.

No. 21496.—C. K. Turner, swingletree coupling.

No. 21499.—A. C. Hill, ball-tap.

No. 21504.—E. Le Roy, horse-cover attachment.

No. 21505.—E. Le Roy, horse-cover.

No. 21508.—E. L. Evens, clothes-washer.

No. 21523.—E. J. Walsh, trolley-head.

No. 21524.—T. Vivian, medicinal tonic for human beings and animals.

No. 21525.—F. T. Page, kerosene-pump attachment.

No. 21527.—F. E. Tyler and A. J. Peterson, hauler-block.

No. 21528.—J. D. Douglas, car-coupling.

No. 21529.—J. A. Butler, knife-sharpener.

No. 21530.—D. L. Hutton, jun., detachable shield for pneumatic tire.

No. 21532.—W. E. Searle, coal shovel.

No. 21533.—W. E. Searle, drinking-cup, &c.

No. 21534.—T. K. Finnigan, horse collar.

No. 21537.—J. Hoare, spring shears.

No. 21545.—F. E. Imeson, finger contact for electric controller.

No. 21552.—H. H. Perfect, toy.

No. 21570.—J. Turnbull and R. L. Christie, poison layer for rabbits.

No. 21573.—J. W. Cooke, door-retainer.

No. 21575.—F. T. Page, kerosene-pump plunger.

No. 21578.—T. J. McMenemy and A. Parris, hair-colour restorer.

No. 21579.—J. H. Roberts, connecting-hook for plough chains.

No. 21584.—A. G. Howland, sash-fastener.

No. 21592.—P. E. G. Cumberland, preventing corrosion and decomposition of metals.

No. 21599.—D. McKenzie, combination ottoman, bed, and couch.

No. 21601.—J. E. Smith, acetylene generation and storage.

No. 21602.—W. W. Taylor, cutting off gas from meter.

No. 21603.—K. Matthews and I. M. Holmes, identifying giver of false fire or other alarm.

No. 21607.—H. N. Reid, ice floor for skating, etc.

No. 21610.—N. I. Gooder, trolley-arm head.

No. 21612.—J. J. Smith, road sweeper and automatic loader.

No. 21615.—A. Aderoft, gas-burner.

No. 21633.—J. Foster, candle-extinguisher.

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.

Letters Patent sealed.

LIST of Letters Patent sealed from the 23rd August to the 5th September, 1906, inclusive:—

No. 19148.—L. D. Mattassi, chain-link.

No. 19736.—F. Barrow, upholstery furniture, &c. (Novelty Tufting Company, A. Freschl.)

No. 19979.—F. G. McKim, tire.

No. 20362.—J. H. Gray, shaft-bearing.

No. 20483.—C. Kolling, goods-elevator.

No. 20503.—J. J. Walker, music-recorder.

No. 20504.—E. B. Killen, tire.

No. 20505.—Machine-made Casks, Limited, cask-making machine. (W. Jamie-on and R. Burn.)

No. 20506.—Machine-made Casks, Limited, cask. (R. Burn.)

No. 20516.—W. S. Laycock, railway-carriage seat.

No. 20517.—F. J. Walton and L. T. Rogers, time-table and advertiser.

No. 20523.—W. E. Hughes, linotype-machine. (Linotype and Machinery, Limited—F. W. Sutcliffe.)

No. 20525.—T. D. Kile, decomposition of fish.

No. 20533.—A. G. Betts, electrical conductor.

No. 20535.—A. R. Hubbard and R. Flay, kitchen-range.

No. 20590.—A. L. Johnson, corrugated bar.

No. 20592.—W. E. Hughes, electric motor. (W. M. Bradshaw.)

- No. 20629.—W. H. Wood, railway-brake.
 No. 20644.—J. Gill, air-compressor.
 No. 20720.—W. M. Davison, vending measured quantities of liquid.
 No. 20721.—W. M. Davison, vending measured quantities of liquid.
 No. 20725.—A. T. M. Thomson, operating telephonic exchange system.
 No. 20726.—A. M. Day, smelting-ore.
 No. 20741.—J. T. Hunter, receiver for wireless signalling apparatus. (H. Shoemaker.)
 No. 20758.—A. E. Luttrell, rotary pump.
 No. 20779.—S. Taylor, metallic covering for roofs, &c.
 No. 20780.—E. H. Bock, game apparatus.
 No. 20823.—International Steam Pump Company, centrifugal and turbine pump. (C. H. Jaeger.)
 No. 20867.—J. H. Wagenhorst, securing turbine-blades.
 No. 20868.—E. E. Arnold, securing turbine-blades.
 No. 20869.—E. E. Arnold, securing turbine-blades.
 No. 20881.—C. E. Sweet, securing turbine-blades.
 No. 20882.—J. Fola, propeller.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 15312.—Plaissetty Mantle Syndicate, Limited, incandescent filament and mantle. (J. T. Hunter—A. M. Plaissetty.) 23rd August, 1906.
 No. 15318.—F. Cotton, utilisation of carbonaceous liquid as fuel. 23rd August, 1906.
 No. 15351.—C. A. Parsons, steam-turbine. 21st August, 1906.
 No. 15383.—Sir O. J. Lodge and E. E. Robinson, wireless telegraphy. 22nd August, 1906.
 No. 15435.—The Colonial Ammunition Company, Limited, wad for ammunition loading. (A. C. Whitney.)
 No. 15601.—C. A. Parsons, condenser. 21st August, 1906.

THIRD-TERM FEES.

- No. 11948.—The British Westinghouse Electric and Manufacturing Company, Limited, switch for electric circuit. (J. P. Campbell—G. Wright and C. Aalborg.) 23th August, 1906.
 No. 11970.—A. J. Hulme and W. Thomson, furnace boiler for baker's oven. 1st September, 1906.
 No. 12002.—The British Westinghouse Electric and Manufacturing Company, Limited, internal-combustion engine. (E. Waters, jun.—G. Westinghouse and E. Rund.) 23th August, 1906.
 No. 12029.—The British Westinghouse Electric and Manufacturing Company, Limited, electrical machine. (J. P. Campbell—B. G. Lamme and J. P. Mallett.) 23th August, 1906.
 No. 12173.—M. J. Davidsen, pulverising mineral ores. 21st August, 1906.

Subsequent Proprietors of Letters Patent registered.

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

- No. 20312.—The Apostles Bread Company, Limited, of 93 and 94 Upper Thames Street, London, England. Separating and utilising "middlings." (S. B. Apostoloff.) 3rd September, 1906.
 Nos. 20376 and 20383.—The Mayor, Councillors, and Citizens of the City of Wellington, a corporation constituted under "The Municipal Corporations Act, 1900," having its office at the Town Hall, Wellington, New Zealand, registered as Proprietors of an interest in the inventions—*i.e.*, the right to make and use or arrange for use of the inventions in respect of certain tramways. Trolley-head. (G. B. Holmes and A. D. Allen.) 31st August, 1906.)

Application for Letters Patent withdrawn.

- THE following application for Letters Patent withdrawn:—
 No. 20985.—C. E. Keen, control-valve of Westinghouse brake coupling. (Advertised in Supplement to *New Zealand Gazette* No. 46, of the 14th June, 1906.)

Applications for Letters Patent abandoned.

- LIST of applications, with which provisional specifications only have been filed, abandoned (*i.e.*, complete specifications not lodged) from the 23rd August to the 5th September, 1906, inclusive:—
 No. 20213.—T. O'Neil, timing apparatus for shutting lights, &c.
 No. 20214.—A. E. Sykes, cat-le-drenching appliance.
 No. 20216.—L. Healy and E. C. Hopkinson, wheel-jack.
 No. 20225.—L. Hardie, swing.
 No. 20227.—A. Parker, stamp-vending machine.
 No. 20230.—A. Johnston, shaft-tug.
 No. 20231.—A. Nathan, milk-food.
 No. 20232.—A. Nathan, egg-powder.
 No. 20233.—J. Pomeroy, depositing tickets in flax bales.
 No. 20235.—E. L. Robertson, egg-carrier.
 No. 20237.—F. Rouse, R. and H. G. Black, vehicle wheel-lock.
 No. 20241.—T. Vivian, medical tonic.
 No. 20243.—W. Smith, runaway-horse holder.
 No. 20244.—A. Johnstone, cornice.
 No. 20245.—H. C. Thomsen, cocksfoot thresher.
 No. 20267.—R. E. Smallbone, knife-cleaner.
 No. 20269.—H. E. McDonald, egg-carrier.
 No. 20274.—H. E. McDonald and L. V. Diamanti, ice-chest.
 No. 20277.—A. R. Hardy, sash mover and lock.

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, from the 23rd August to the 5th September, 1906, inclusive:—
 No. 19547.—A. Cowell, tension-pin for shears.

Applications for Letters Patent lapsed.

- LIST of applications for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 23rd August to the 5th September 1906, inclusive:—
 No. 19138.—T. Higgin, driving-reins.
 No. 19141.—F. W. Payne, power transmission.
 No. 19170.—A. Noonan, coupling for motor-cycle belt

Letters Patent void.

- LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 23rd August to the 5th September, 1906, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 14903.—W. E. Coleman, electric fan.
 No. 14923.—W. B. Arlidge, feeding fibre to scotchier.
 No. 14926.—F. Pegler, ruler.
 No. 14928.—H. W. Lovegrove, bucket-carrier waggon.
 No. 14929.—R. Nicholas, windmill.
 No. 14931.—Elliot's Patent Lock Envelope Company, Limited, envelope. (R. N. Elliot.)
 No. 14935.—J. L. McMillan, rotary engine.
 No. 14939.—T. Tapin, raising liquids by compressed air.
 No. 14943.—W. G. Geary, martingale.
 No. 14951.—G. F. Hutchinson and G. W. Symmans, kerosene-syphon.
 No. 14952.—J. D. Kelly, D. P. Fisher, and N. V. G. Wix, ventilating buildings.
 No. 14955.—H. H. Henderson, floor cleaner and polisher.
 No. 14956.—E. R. Cahoon, stove.
 No. 14957.—W. J. Dibdin and H. C. Woltereck, gas-manufacture.
 No. 15728.—E. H. Hopkins, process for obtaining zinc.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 11649.—Bickford and Huffman Company, agricultural implement. (E. Baseman.)
 No. 11664.—C. C. Worthington, steam-engine.
 No. 12291.—H. V. Simpson, treatment of wood.

THROUGH EXPIRY OF TERM.

- No. 5723.—The Automatic Sight Testing and Optical Supply Company, Limited, sight-testing apparatus. (B. Green,

Design registered.

A DESIGN has been registered in the following name on the date mentioned:—

No. 297.—Horace William Lloyd, of Lambton Quay, Wellington, in the Colony of New Zealand, Jeweller. Class 2. 28th August, 1906.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 5th September, 1906.

A PPLICATIONS 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: 6047.

Date: 12th July, 1906.

TRADE MARK.

The word

SIMPLEXA.

NAME.

FARRA BROS., of 26 and 28 Stafford Street, Dunedin, in the Colony of New Zealand, Tinsmiths.

No. of class: 18.

Description of goods: Skylights.

No. of application: 6097.

Date: 1st August, 1906.

TRADE MARK.



INDEPENDENT

The applicant claims that the said trade mark has been in use by him in respect of the articles mentioned since the year 1885.

NAME.

JACOB ULLRICH, trading as "J. Ullrich and Co.," of No. 27 Thames Street, New York City, N.Y., United States of America, Manufacturer of Stylographic and Fountain Pens.

No. of class: 39.

Description of goods: Stylographic and fountain pens.

No. of application: 6098.

Date: 1st August, 1906.

TRADE MARK.



VULCAN

NAME.

JACOB ULLRICH, trading as "J. Ullrich and Co.," of No. 27 Thames Street, New York City, N.Y., United States of America, Manufacturer of Stylographic and Fountain Pens.

No. of class: 39.

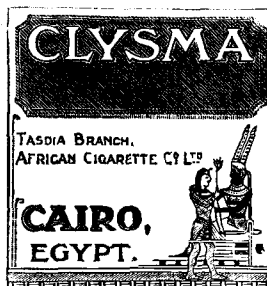
Description of goods: Stylographic and fountain pens.

B

No. of application: 6132.

Date: 17th August, 1906.

TRADE MARK.



NAME.

AFRICAN CIGARETTE COMPANY, LIMITED, Registered Office, Cecil Chambers, 86 Strand, London, W.C., England, and Cairo, Egypt, Tobacco-manufacturers.

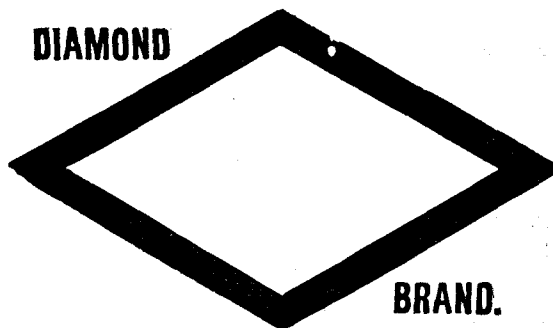
No. of class: 45.

Description of goods: Manufactured tobacco.

No. of application: 6133.

Date: 18th August, 1906.

TRADE MARK.



NAME.

MARSHALL AND SONS, of Whangarei, in the Colony of New Zealand, Storekeepers.

No. of class: 42.

Description of goods: Tea or other food substances, except butter and cheese and baking-powder, or goods of same description as butter and cheese and baking-powder.

No. of application: 6136.

Date: 24th August, 1906.

TRADE MARK.

The word

PRANA.

NAME.

AERATORS, LIMITED, of Upper Edmonton, London, N., England.

No. of class: 8.

Description of goods: Syphons, seltzogenes, and analogous vessels included in Class 8, for aerated waters and other liquids.

No. of application : 6137.
Date : 24th August, 1906.

TRADE MARK.
The word
SPARKLETS.

NAME.
AERATORS, LIMITED, of Upper Edmonton, London, N.,
England.

No. of class : 8.
Description of goods : Syphons, seltzogenes, and analogous
vessels included in Class 8, for aerated waters and other
liquids.

No. of application : 6138.
Date : 25th August, 1906.

TRADE MARK.
The words
"ALL BLACKS."

NAME.
ISABELLA LAWSON, of 16 Bidwell Street, Wellington, in the
Colony of New Zealand, Settler.

No. of class : 3.
Description of goods : A preparation for the cure of coughs
and colds.

No. of application : 6139.
Date : 25th August, 1906.

TRADE MARK.
The word
"MOA."

NAME.
CHARLES BEGG AND Co., LIMITED, of Dunedin, in the
Colony of New Zealand, Music-sellers and Importers of
Pianofortes, Organs, Music, and Musical Instruments.

No. of class : 9.
Description of goods : Musical instruments of all kinds.

No. of application : 6140.
Date : 28th August, 1906.

TRADE MARK.
The word
"LITHYTE."

NAME.
JAMES COCHRANE THOMSON, of 9 Hobson Street, Welling-
ton, in the Colony of New Zealand.

No. of class : 20.
Description of goods : Explosive substances.

No. of application : 6141.
Date : 28th August, 1906.

TRADE MARK.
**SIGALL'S
RED SEAL.**



NAME.
SAMUEL SIGALL AND Co., of Kennedy's Buildings, Cuba
Street Extension, Wellington, in the Colony of New Zea-
land.

No. of class : 45.
Description of goods : Tobacco, cigars, cigarettes, and
snuff.

No. of application : 6142.
Date : 28th August, 1906.

TRADE MARK.
**SIGALL'S
GREEN SEAL.**

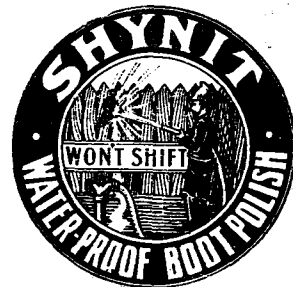
(The device as shown in preceding notice, No. 6141.)

NAME.
SAMUEL SIGALL AND Co., of Kennedy's Buildings, Cuba
Street Extension, Wellington, in the Colony of New Zea-
land.

No. of class : 45.
Description of goods : Tobacco, cigars, cigarettes, and
snuff.

No. of application : 6144.
Date : 29th August, 1906.

TRADE MARK.



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

NAME.
JOHN McCALC, of 27 Nelson Street, Engineer; JAMES
AGUSTUS BOYD, of 15 Barker Street, Painter; and HENRY
STEPHEN WOOLCOTT, of 29A Hankey Street, Plumber, all of
Wellington, in the Colony of New Zealand.

No. of class : 50.
Description of goods : Boot-polish.

No. of application: 6145.
Date: 30th August, 1906.

TRADE MARK.



NAME.

BLOCK LIGHT COMPANY, of 17 Park Place, New York, in the State of New York, United States of America, Manufacturers.

No. of class: 13.
Description of goods: Gas-burners.

No. of application: 6146.
Date: 30th August, 1906.

TRADE MARK.

(The mark as shown in preceding notice, No. 6145.)

NAME.

BLOCK LIGHT COMPANY, of 17 Park Place, New York, in the State of New York, United States of America, Manufacturers.

No. of class: 18.
Description of goods: Incandescent gas-mantles.

No. of application: 6152.
Date: 31st August, 1906.

TRADE MARK.

The word

"REPAIRO."

NAME.

THOMAS ANDREW UNDERWOOD, of Thompson's Bond, Eagle Street, Brisbane, in the State of Queensland, Commonwealth of Australia, Warehouseman.

No. of class: 50; subclass 3.
Description of goods: Goods manufactured from animal and vegetable substances not included in other classes.

No. of application: 6153.
Date: 31st August, 1906.

TRADE MARK.

The words

SHAMROCK BRAND.

NAME.

WARDELL BROS. AND Co., of Cashel Street, Christchurch, in the Colony of New Zealand, Grocers.

No. of class: 42.
Description of goods: Tinned meats.

No. of application: 6154.
Date: 31st August, 1906.

TRADE MARK.



The essential particulars of this trade mark are the distinctive label, including the device of a hand and arm holding a dolly as depicted; and any right to the exclusive use of the added matter, with the exception of the word "Hudson's," is disclaimed.

NAME.

ROBERT WILLIAM HUDSON, trading as "R. S. Hudson," at Bank Hall, Liverpool, in the County of Lancaster, and West Bromwich, in the County of Stafford, both in England, Chemical-manufacturer.

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

ation: 6155.
August, 1906.

TRADE MARK.



The essential particulars of this trade mark are the distinctive label, including the device of a hand and arm holding a dolly as depicted; and any right to the exclusive use of the added matter, with the exception of the word "Hudson's," is disclaimed.

NAME.

ROBERT WILLIAM HUDSON, trading as "R. S. Hudson," at Bank Hall, Liverpool, in the County of Lancaster, and West Bromwich, in the County of Stafford, both in England, Chemical-manufacturer.

No. of class: 48.

Description of goods: Perfumery.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 23rd August to the 5th September, 1906, inclusive:—

- No. 4697; 5813.—C. S. Hutchinson; Class 42. (*Gazette* No. 19, of the 8th March, 1906.)
- No. 4698; 5987.—J. B. Lipe and Co.; Class 1. (*Gazette* No. 46, of the 14th June, 1906.)
- No. 4699; 6005.—J. F. Ashley; Class 42. (*Gazette* No. 46, of the 14th June, 1906.)
- No. 4700; 5729.—Watson and McGill; Class 45. (*Gazette* No. 6, of the 25th January, 1906.)
- No. 4701; 5802.—S. Sigall and Co.; Class 45. (*Gazette* No. 26, of the 5th April, 1906.)
- No. 4902; 5963.—A. M. Samuel; Class 42. (*Gazette* No. 42, of the 31st May, 1906.)

Trade Mark Renewal Fees paid.

FEES paid for the renewal of the undermentioned Trade Marks for fourteen years from the date first mentioned:—

Nos. 589/485 and 590/486.—17th October, 1906.—John Burns and Co., of Auckland, New Zealand. 30th August, 1906.

No. 598/467.—24th October, 1906.—The Wairarapa Farmers' Co-operative Association, Limited, of Masterton, New Zealand. 29th August, 1906.

No. 621/476.—4th November, 1906.—The Dalefield Dairy Company, Limited, of Carterton, New Zealand. 4th September, 1906.

Subsequent Proprietors of Trade Marks registered.

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

No. 4710/3691.—Nestle and Anglo-Swiss Condensed Milk Company (a company incorporated according to the laws of Switzerland), of Cham, Switzerland, and St. George's House, 6 and 8 Eastcheap, London, England, Manufacturers. [The Dried Milk Company, Limited.] 3rd September, 1906.

Nos. 4903/3851 and 5078/4434.—Tasman John Chamberlain Gurr, of Wanganui, New Zealand, Manufacturers' Agent. [W. B. Giesen and W. A. Izard.] 3rd September, 1906.

No. 5484/4383.—African Cigarette Company, Limited, registered office, Cecil Chambers, 86 Strand, London, W.C., England, Tobacco-manufacturers. [Maspers Frères, Limited.] 3rd September, 1906.

Trade Marks removed from the Register.

TRADE Marks removed from the Register, owing to the non-payment of the renewal fees, from the 24th August to the 5th September, 1906, inclusive:—

Nil.

Advertisements.

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

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

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

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

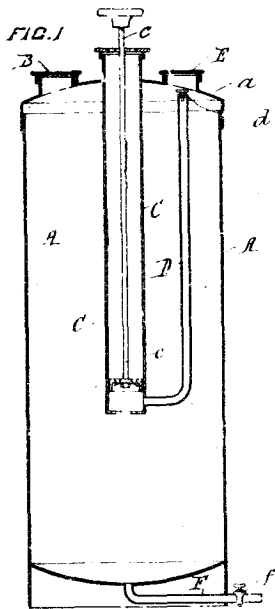
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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

By Authority: JOHN MACKAY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

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



19947
Adams. Springe.

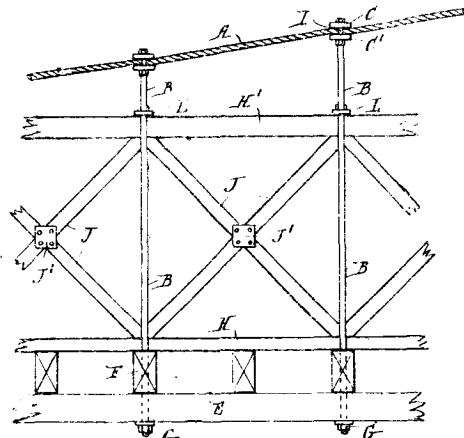
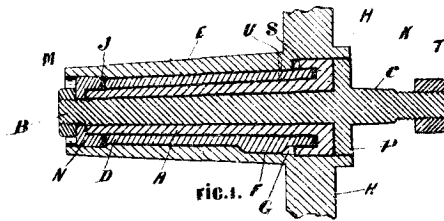
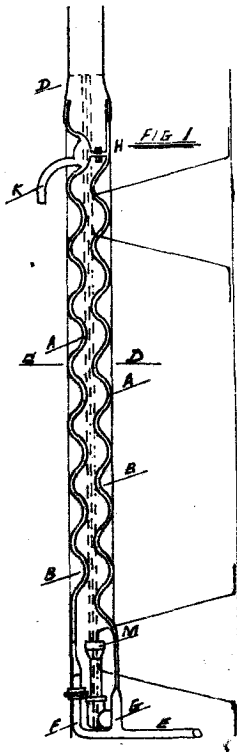


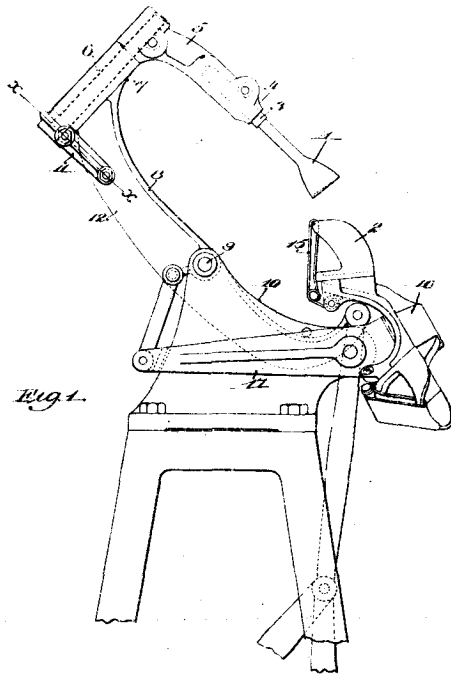
FIG. 1
19956
Dawson. Suspension-bridge.



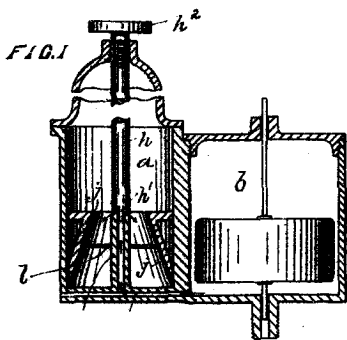
20226
Brady and Chaytor. Wheel-axle.



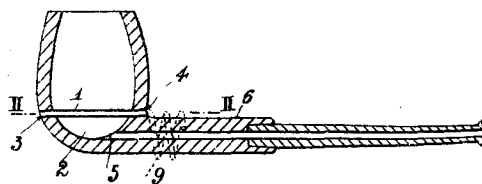
19969
Jane. Water-heater.



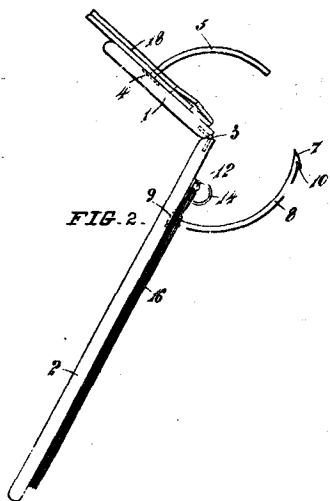
20317
United Shoe Machinery Coy. Boot-turning Machine. (Eppler.)



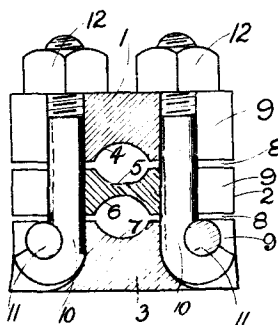
20898
Suckling. Carburettor.



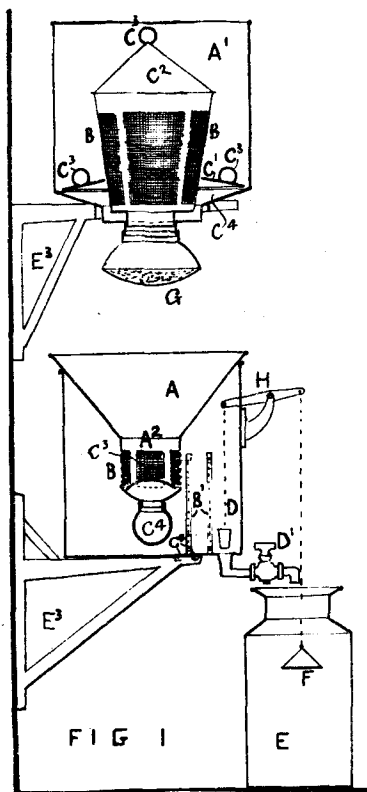
21509
Staines. Smoking-pipe.



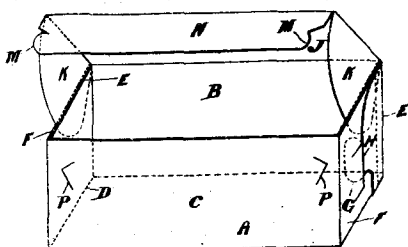
9971
Pottery. Paper-tile.



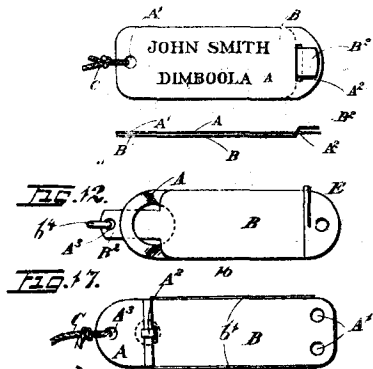
20202
Wales. Rope-grip.



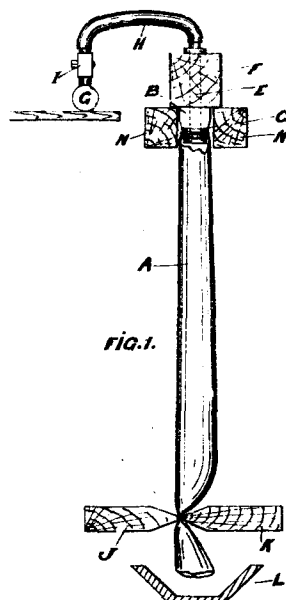
20256
McDonald. Strainer.



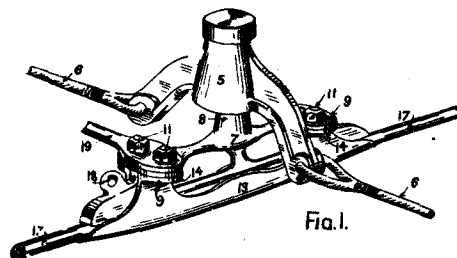
21252
Banks and Grey. Box.



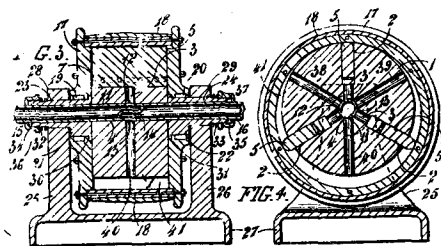
20102
Wicham. Label-holder.



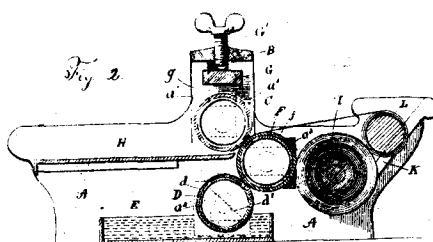
20298
Brown. Slimes-filter.



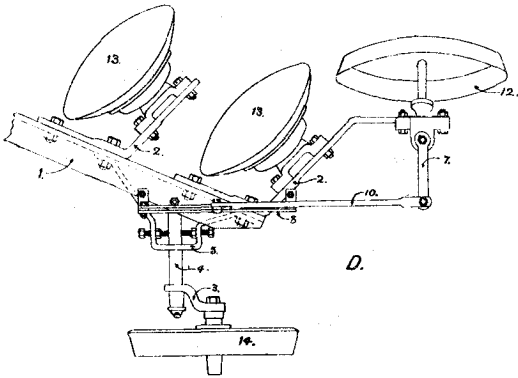
21404
McKley and Jessop. Trolley-wire Clip.



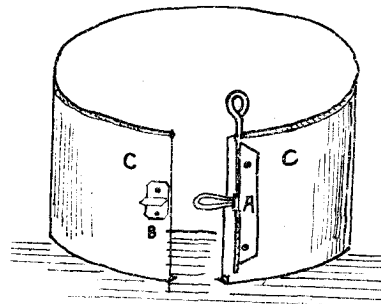
21409
Ellis. Motor.



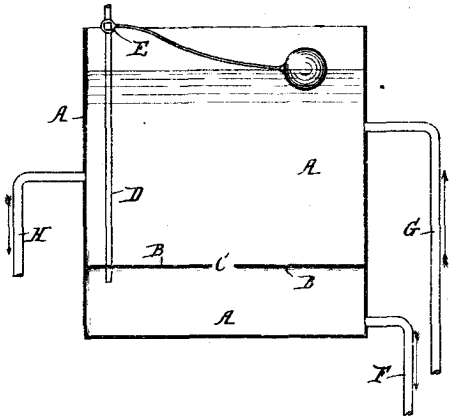
21450
Adamson. Copying Press.



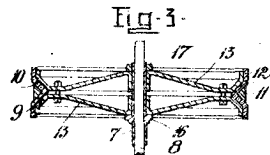
20724
P. and D. Duncan (Ltd.) Disc-plough. (Keir.)



21400
Newman. Cake-tin.



21498
Bates. Hot Water Service Cistern.



21475
Jones and Maudell. Pump, Blower, &c. (Jones and Ludeman.)

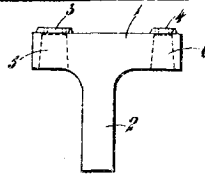


FIG. 1.

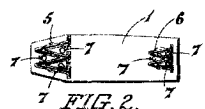
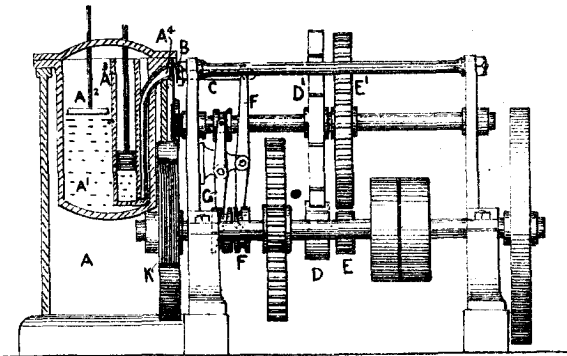
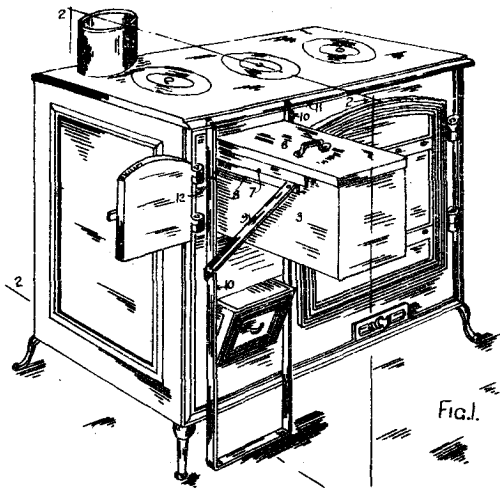


FIG. 2.

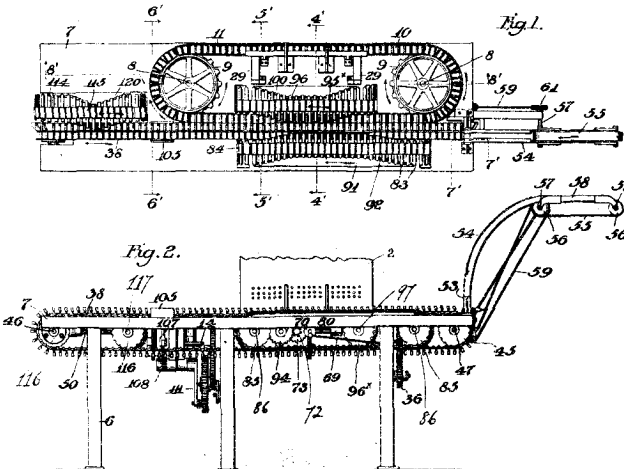
21502
Macdonald. Type.



21506
Pearson. Shot Machinery.



21572
Lockley. Fuel-box for Stove.



21453
Bryant and May (Ltd.) Match-box Filler. (J. P. and C. F. Wright.)

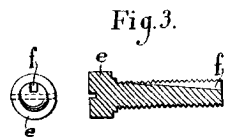


Fig. 3.

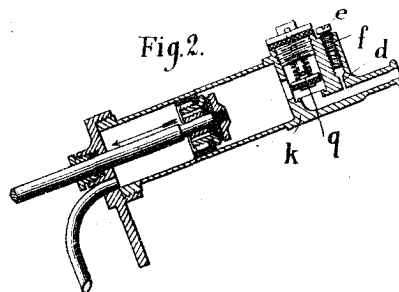
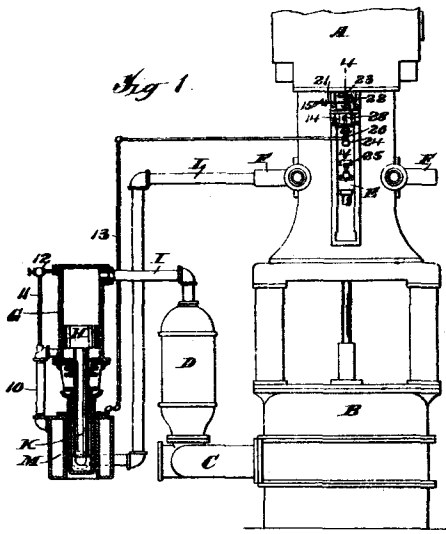
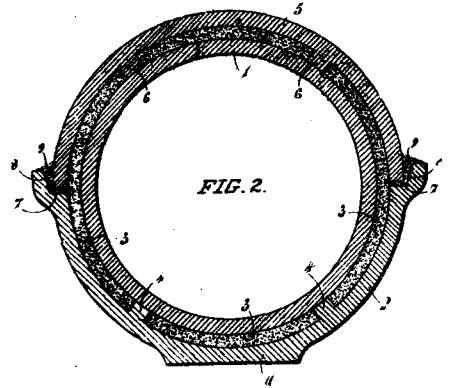


Fig. 2.

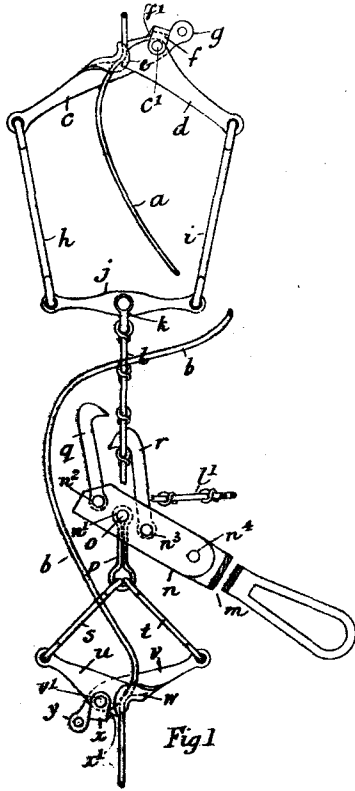
21550
Ohlhaber. Milking-machine.



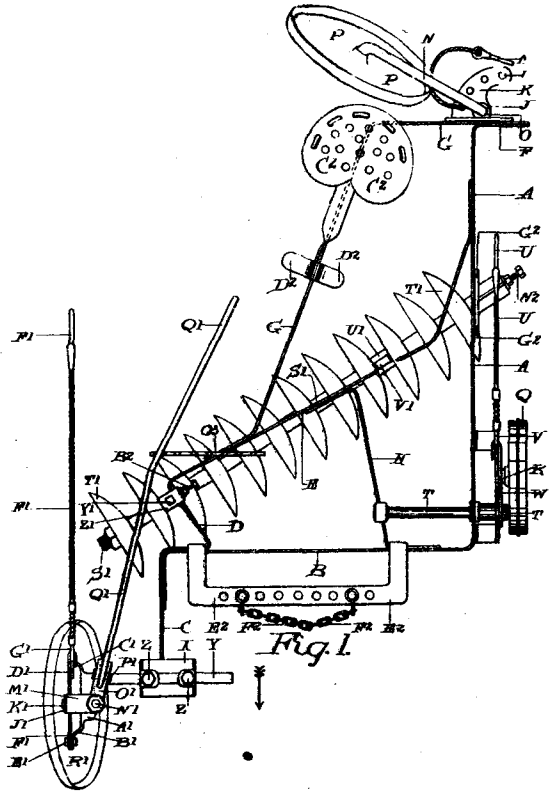
21510
Henry R. Worthington. Compensating-engine. (Nickel.)



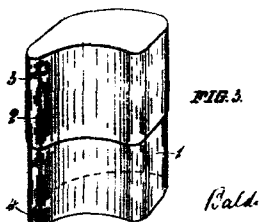
21538
Smith. Drain-pipe Coupling.



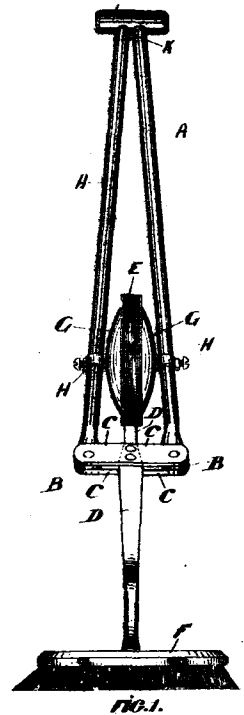
21160
Locke and Duncombe. Wire-strainer.



21467
Grant. Disc-cultivator.



19992
Hooker. Lancheon-can.



21560
Johnston. Mop and Scrubber.