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Notice.

CLASSIFIED abridgments of inventions patented in the United Kingdom from 1900 to 1904 are now available for inspection in the library attached to this office.

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 22nd February, 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 April, 1906. Index of Applicants. Subject-matter Index. Commissioner of Patent Journal, &c.^(a). Trade Marks Journal to March, 1906.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to December, 1905.

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 May, 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^(b).
6. Index of Patents^(c).
7. Index of Proprietors of Letters Patent granted prior to 1890^(d).
8. Index of Specifications^(e).

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^(f).
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^(g).
- 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 suffixed; in all other cases a provisional specification has been lodged. In cases where the applicant is not the inventor the name of the latter appears in italics after the title.)

- No. 21301.—12th June.—F. J. Mahoney, Christchurch, N.Z.
Ventilating system.
- No. 21302.—12th June.—D. and F. W. Smith, Christchurch, N.Z.
Golosh.
- No. 21303.—11th June.—W. V. Gilbert, Port Elizabeth, South Africa.
Toy.*
- No. 21304.—14th June.—R. Watson, Lochiel, N.Z.
Non-refillable bottle.
- No. 21305.—14th June.—J. M. O'Neil and R. A. Marsh, Dunedin, N.Z.
Trolley-wheel bearing.
- No. 21306.—14th June.—C. L. K. H. Foot, Takapau, N.Z.
Igniting gas.
- No. 21307.—14th June.—M. W. Winter, Wellington, N.Z.
Skirt-holder.
- No. 21308.—14th June.—D. L. Turner and J. R. Patterson, Wellington, N.Z.
Coating for butter-boxes.
- No. 21309.—14th June.—J. Hopkirk, Hawera, N.Z.
Pump.*
- No. 21310.—14th June.—J. S. Hawkes, Wellington, N.Z.
Milk-can.
- No. 21311.—14th June.—D. Urquhart and C. Sloper, Smithfield, N.Z.
Cutting, washing, &c., sheep-paunches.
- No. 21312.—14th June.—D. Urquhart and C. Sloper, Smithfield, N.Z.
Hydro-extractor.
- No. 21313.—15th June.—J. A. Belk, Feilding, N.Z.
Rail-joint.
- No. 21314.—15th June.—H. E. McDonald, Petone, N.Z.
Attaching tag to hemp-bale.
- No. 21315.—15th June.—J. T. Renouf, Wellington, N.Z.
Generating electricity.
- No. 21316.—15th June.—A. Ridd, Waipuku, N.Z.
Milking-machine.
- No. 21317.—15th June.—A. Ridd, Waipuku, N.Z.
Pneumatic teat-cup.
- No. 21318.—15th June.—J. Irvine, Napier, N.Z.
Fastening fencing-wire to standard.

- No. 21319.—20th June.—T. Crompton, Christchurch, N.Z.
Glazing bars.
- No. 21320.—20th June.—E. Lockerbie, Matai, N.Z.
Adjustable tap.
- No. 21321.—13th June.—S. F. Womersley, Traralgon, Vic.
Butter-weigher.*
- No. 21322.—15th June.—W. Harvey, Auckland, N.Z.
Strainer and aerator.
- No. 21323.—15th June.—C. J. Neunhoffer, Melbourne, Vic.
Tire-valve.
- No. 21324.—15th June.—J. Nicolson, Riverton, N.Z.
Trolley-brake.*
- No. 21325.—16th June.—M. Bowles, Auckland, N.Z.
Reaming pipes and tubes.*
- No. 21326.—18th June.—C. A. Beal, Mornington, N.Z.
Folding gates and partitions.
- No. 21327.—18th June.—J. Walcott, Dunedin, N.Z.
Coal, &c., elevator.
- No. 21328.—19th June.—T. E. Bridger, Dunedin, N.Z.
Extracting teeth.
- No. 21329.—19th June.—S. Millar, Eweburn, N.Z.
Harvester.
- No. 21330.—22nd June.—F. B. C. Allen, Perth, W.A.
Lock nut and bolt.
- No. 21331.—22nd June.—R. O. Jarrett, Feilding, N.Z.
Disc-loading bars and dumb-bells.
- No. 21332.—22nd June.—W. Nikolsky, St. Petersburg, Russia.
Recovery of solvents used in making explosives.*
- No. 21333.—22nd June.—A. J. Fortescue, Sydney, N.S.W.
Wheel-tire.
- No. 21334.—22nd June.—Maganite Explosives Syndicate, Limited, Cape Town.
Explosive manufacture. (H. C. L. Bloxam.)
- No. 21335.—22nd June.—J. L. Kirkbride, Auckland, N.Z.
Street-sweeper.
- No. 21336.—22nd June.—A. J. Edwards, Auckland, N.Z.
Trolley-pole controller.
- No. 21337.—22nd June.—J. G. Dawson and P. O'Sullivan, Christchurch, N.Z.
Cooking-utensil.
- No. 21338.—22nd June.—L. Schmidt, Hackney, S.A.
Tire.*
- No. 21339.—22nd June.—L. Friedenreich, Thornleigh, N.S.W.
Yeast-making.*
- No. 21340.—22nd June.—T. Warsop, Nottingham, Eng.
Rock-drill.*
- No. 21341.—22nd June.—N. R. Gordon, Melbourne, Vic.
Flying-machine.
- No. 21342.—22nd June.—T. Beckett, Rongotea, N.Z.
Propelling vessels.
- No. 21343.—22nd June.—J. Stewart, Gore, N.Z.
Shifting-spanner.
- No. 21344.—22nd June.—G. Gray, Dunedin, N.Z.
Seed-sower.
- No. 21345.—23rd June.—T. Bush, Wellington, N.Z.
Cap.
- No. 21346.—23rd June.—J. Cook, Wellington, N.Z.
Trolley-head.
- No. 21347.—25th June.—E. Oliver, Wellington, N.Z.
Sewing-machine.
- No. 21348.—22nd June.—A. L. J. Tait, Dunedin, N.Z.
Flax washing and drying.
- No. 21349.—23rd June.—F. A. Alcock, Melbourne, Vic.
Billiard and dining table.
- No. 21350.—23rd June.—J. W. Andrew, Otahuhu, N.Z.
Urinal-silencer.
- No. 21351.—23rd June.—G. Carder and J. E. Owen, Auckland, N.Z.
Cesspit and gully-trap.*
- No. 21352.—23rd June.—G. Carder and J. E. Owen, Auckland, N.Z.
Cesspit and gully-trap.*
- No. 21353.—26th June.—W. Smith, Gore, N.Z.
Boot and shoe protector.
- No. 21354.—26th June.—H. Coale, Baltimore, U.S.A.
Artificial cork.*
- No. 21355.—26th June.—P. G. Neuernberger and G. Rettig, jun., Chicago, U.S.A.
Type-casting machine.*
- No. 21356.—26th June.—P. G. Neuernberger and G. Rettig, jun., Chicago, U.S.A.
Type-casting moulds.*
- No. 21357.—26th June.—J. Sutcliffe, Burnley, Eng.
Forced draughts for fire-engine, &c.
- No. 21358.—26th June.—H. W. Fox, London, Eng.
Electricity storage.*
- No. 21359.—26th June.—E. A. Gieseler, Berlin, Ger.
Gravity filter.*

- No. 21360.—26th June.—L. S. Sawtell and J. S. Hawkes, Wellington, N.Z.
Tobacco-pipe attachment.
- No. 21361.—26th June.—K. Matthews, Auckland, N.Z.
Automatically silencing telephone-bells
- No. 21362.—27th June.—R. E. Hay, Seddon, N.Z.
Boring-tool.

Claims and Extracts omitted from last Gazette.

THE following are claims, &c., of complete specifications, the acceptance of which was advertised in the Supplement to the *New Zealand Gazette*, No. 46, of the 14th June, 1906:—

No. 19438.—4th May, 1905.—RICE OWEN CLARK, of Hobsonville, Auckland, New Zealand, Pipe-manufacturer. An improved process for improving the glaze, hardening the surfaces, and increasing the efficiency of earthenware pipes and articles of a similar nature.*

Claim.—The applying a coating of the clay specified, softened to a suitable consistency, to the pipe or other article specified, either by a brush or by dipping, or by immersion, for the purpose set forth, substantially as described. (Specification, 2s.)

No. 19520.—27th May, 1905.—THOMAS FIRTH, of No. 7 Martin Street, Wellington, New Zealand, Labourer. A horse-stopping contrivance attached to vehicles.*

Extract from Specification.—When it is desired to bring the contrivance into use the operator with one hand pulls back the handle 7, and with the other hand thrusts down the sliding-bar 4. A rivet-head which secures the square piece of iron to the sliding-bar prevents going too far down, and the cross-piece that restrains the runner prevents it from being drawn too far up. The sliding-bar 4 thus thrust down takes up the 6 in. of working-space in the traces, the same in the reins: should the horse move ahead now, its force being taken from the vehicle on to the contrivance, the force operates to unwind the rope on cylinder 11 and wind the rope on the larger cylinder 6, which pulls down the runner 9, and through that the force is conveyed to the head. Further, the thrusting-down of the slide will operate the crank 14 so as to project 15, 15 near to the hams of the horse, and the horse, finding it cannot go forward, backs, it will be resisted by the spiked wheels. Should the horse attempt to kick when the contrivance is in action, the force will be conveyed to its own head.

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

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

No. 19589.—14th June, 1905.—ERNEST LODDER, of Don, Tasmania, Australia, Civil Engineer. Improved system or means for supporting above streets and public ways electric light and power cables, and which supporting-means is useful for other purposes.*

Extract from Specification.—The principal novel feature of the invention consists in the combination with ordinary street poles or columns arranged on opposite sides of a street, and in line with each other, of girders extending across and connecting the tops of the columns together, such girders being adapted for the special purposes set out. Other features of the invention relate to the manner of constructing the girders and columns and of their different members to adapt them for the special purposes mentioned.

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

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

No. 20635.—24th January, 1906.—EUGENIO BOGGIANO, of Via Monte della Farina, No. 50 Rome, Italy, Lawyer. Automatic vote-recording machine.

Claims.—(1.) An automatic vote-recording machine, substantially as described, which is operated by a unique metal ticket of determined weight, coin, and shape, which, when

inserted into an opening protected by external shield for the purpose of secrecy, records automatically the "favourable," "contrary," or "abstentions" vote, or name of candidate, as well as also the total number of voters, and comes out of the apparatus at the opposite side in order to be successively delivered by the delegate authority to another voter. (2.) In an automatic vote-recording machine, substantially as described, a lever counterbalanced by the counterweight of the respective counter, and subsidiarily by a spring combined with a rack and bell crank lever, which acts on a segment having a lug which on every descent of the lever engages one of the teeth of a wheel fast to the drum, which bears on its circumference the numbers from 0 to 9. (3.) In an automatic vote-recording machine, substantially as described, the arrangement of one shaft of four or more drums provided on their circumference with the numbering from 0 to 9 corresponding to the expression relative to the number of favourable, contrary, abstaining, and total number of voters or indications of names. (4.) In an automatic vote-recording machine, substantially as described, the arrangement of slots for inserting the metal ticket in a space closed on three sides and on the top and bottom, which guarantees the liberty of the voter, the arrangement permitting of indicating by each insertion of ticket the name, portrait, yes and no, abstention, or three or more different colours. (5.) In an automatic vote-recording machine, substantially as described, the arrangement of the canals or chutes of the single slots connected together by a single canal, which prevents inspecting from without the counter operated by the inserted metal ticket. (6.) In an automatic vote-recording machine, substantially as described, the alinement of the drums to 0, effected by free hand rotation of each of them in the direction of the movement of them, by uncovering the counter from the front side.

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

No. 20664.—19th January, 1906.—WALTER SIDNEY BURT, of Albury, New South Wales, Australia, Bank-manager. Improvements in wheels for bicycles, tricycles, motors, and the like.

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

Extract from Specification.—The flat steel spring (*b*) is formed in half-circle, one end fixed firmly to rim of wheel shown at *h* in segment *a*, the other end of said spring is fixed on spoke by means of screwed nuts *g* and *g1*; a small round hole is bored in each end of said spring to allow of the passage of bolt at *h*, at one end, and at the other end to allow of the passage of end of spoke which is screw-threaded to engage with screwed nuts *g* and *g1*. The flat steel spring *c* is full circle, having one end fixed firmly to rim of wheel by bolt and nut *h*, while the other end of said spring is left loose to allow sufficient play by the weight of the rider when the wheel revolves, a hole is made in this said spring to receive spoke *f* shown in segment *a1* at *g* and *g1*. The flat steel spring *d* (or cushion) shown secured to segment *a2* is provided with longitudinal slots *e*, as shown in plan view of said spring *d*; these slots (*e*) permit of a limited sliding action to and fro, caused by the weight of the rider, allowing the said spring to rise and fall somewhat, on the bolts *h* shown in segment *a2*.

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

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

No. 20711.—8th February, 1906.—JAMES ROBERTSON, of Waitati, Otago, New Zealand, Ploughman. Improved mechanism for driving ditch-plough elevators.

Claim.—Improved mechanism for driving ditch-plough elevators, comprising improved driving means between the upper end of the elevator and the wheels, driving-shafts adapted to work at various angles, pivoted brackets and bearings for shafts, substantially as described. Improved mechanism for driving ditch-plough elevators, comprising improved driving means between the upper end of the elevator and the wheels, driving-shafts adapted to work at various angles, pivoted brackets and bearings for shafts, clutch-boxes connected to bevel pinions, substantially as described.

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

NOTE.—No. 20930. The claims and drawings in this case will appear in the next Patents Supplement to *Gazette*.

No. 20972.—6th April, 1906.—SARAH JANE BOCOCK, Journalist, and ELLEN JANE DEWING, Spinster, both of "Menzies," George Street, Brisbane, Queensland, Australia. An improved fastening for use in the manufacture of mattresses and in the upholstering of sofas, chairs, cushions, and the like.

Claim.—An improved fastening, consisting of a double-headed stud detachably connected together by screwed pin and threaded socket or by bayonet joint, as and for the purpose set forth and as described and illustrated by drawings.

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

No. 20985.—11th April, 1906.—CHARLES EDWARD KEEN, of Wellington, New Zealand, Fireman. Improvements in the control-valves of Westinghouse-brake couplings.

Claims.—(1.) Constructing the control-valves of the coupling lengths of hose in Westinghouse-brake appliances with a passage leading from the main passage passing therethrough, and with an aperture in the casing of the valves, such passages and aperture being so disposed and arranged that when the valve is closed a continuous passage through the valve and connecting the coupling length to the atmosphere will be provided, substantially as and for the purposes specified. (2.) The improvements in the control-valves of Westinghouse-brake couplings, substantially as described and explained, and as illustrated in the drawings.

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

No. 20992.—12th April, 1906.—ALFRED JAMES BORDER, of Wellington, New Zealand, Electrical Engineer. An improved method of actuating indicating mechanism upon railway-trains and the like.

Claims.—(1.) The use of air drawn from the compressed-air reservoir of the Westinghouse brake, appliances upon a train to operate indicating mechanism upon such train. (2.) The use of air drawn from the compressed-air reservoir of the Westinghouse-brake appliances upon a train and conveyed through a pipe service, with or without a reducing valve, extending through the train to actuate indicating mechanism upon such train. (3.) The use of air drawn from the compressed-air reservoir of the Westinghouse-brake appliances upon a train, conveyed through a duplicate pipe service extending along the train, and provided with means whereby either service may be connected to the reservoir or disconnected therefrom at will in order to actuate indicating mechanism upon the train. (4.) The use of air drawn from the compressed-air reservoir of the Westinghouse-brake appliances upon a train to actuate indicating mechanism upon such train conveyed through a series of pipes extending throughout the train, and provided with branches and valves or cocks for governing the direction of flow of the air.

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

No. 20994.—12th April, 1906.—CARL LORENZ, of Redfern, New South Wales, Australia, Engineer. An automatic regulator or governor for steam or other engines of a like class.

Claim.—The automatic governing or controlling of steam or other engines of a like class by a balanced valve within the supply-pipe.

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

No. 21000.—12th April, 1906.—JOHN ROBERTSON, of City Road, Auckland, New Zealand, and FRANK BLACKBURN, of Eden Terrace, near Auckland aforesaid, Engineers. A hollowed rubber-heel fitting.

Claims.—(1.) The fitting the hollowed-out rubber cushion specified in the heel of a boot or shoe so that its crown or apex projects right through the inner sole and so as to come under the bone of the heel of the person wearing the boot or shoe for the purpose set forth, substantially as described and illustrated. (2.) In combination, the boot or shoe fitted with the hollowed-out rubber cushion specified in the manner and for the purpose set forth, substantially as described and illustrated.

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

No. 21035.—25th April, 1906.—EDWARD JANITZKY, of Pymble, near Sydney, New South Wales, Australia, Chemist, JAMES FRANCIS HAMILTON, Mining Engineer, and JOSEPH TOWNSEND CUMMINGS, Builder, both of Arthur Street, Croydon, New South Wales aforesaid. Improved process for the preservation of animal substances.

Claims.—(1.) The improved process for preserving animal substances, consisting in treating such substances, preferably after being rendered aseptic, to the action of hot oxygen gas under pressure in an hermetically sealed chamber, substantially as set forth. (2.) In a process for the preservation of animal substances, placing them in an air-tight chamber, withdrawing the air therefrom, and then forcing in oxygen gas at a temperature of about 60° to 90° C. under a pressure of from about 1 lb. to 40 lb., depending on the nature of the substance, until the hot gas has penetrated throughout the mass, substantially as described.

(Specification, 2s.)

No. 21060.—1st May, 1906.—WILLIAM ERNEST HUGHES, of Wellington, New Zealand, Patent Agent (nominee of Cyrus Cooks Shigley, of Grand Rapids, Michigan, United States of America). Improvements in magazine phonographs.

Claims.—(1.) In a magazine phonograph of the character described, wherein the mechanism is started by the introduction of a coin and the motor is stopped by a lever which is allowed to fall when the reproducer completes its travel, the formation of said lever with a sharp downward projection, which is engaged by an arm connected with the reproducer and whereby said lever is moved to eject the coin from the coin-holder before the motor is stopped by the final falling of the lever, substantially as described. (2.) In a magazine phonograph of the character described, wherein the motor is stopped by a lever which is allowed to fall when the reproducer completes its travel, the provision of a stop which is adapted to be engaged by a part connected with the reproducer once during each travel of the same, whereby said stop is turned and prevents the falling of the lever until after two or more complete travels thereof, substantially as and for the object set forth. (3.) In a magazine phonograph of the character described, a device for setting the magazine wheel independently of the automatic mechanism, which device includes a shaft carrying a friction wheel and arranged to be turned by a suitable handle, the said shaft being supported at one end by a link frictionally engaged to the shaft whereby the shaft is caused to rise automatically and to bring its friction wheel into contact with the magazine wheel when the shaft is rotated, substantially as described. (4.) In a magazine phonograph, wherein the reproducer is raised from the record roll at the end of its travel by means of an arm engaged by a notched disc, the formation of said arm as a spring which is adapted to snap through the notch in the disc, but which acts as a rigid arm when raised by a lug on the face of said disc for the purpose of turning the rock shaft by which the reproducer is raised from the record roll, substantially as described. (5.) In a magazine phonograph of the character described, wherein the reproducer is brought into engagement with the record roll, and the driving-arm with the driving-shaft, by means of an arm on the rock shaft having a projection which is engaged by a guide on the traversing shaft, the formation of said guide as a flange mounted on a disc on the driving-shaft and extending round said disc, whilst its inner end is deflected toward the shaft, substantially as described with reference to the drawings.

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

No. 21065.—28th April, 1906.—FRANCIS ARTHUR RICH, of Remuera, Auckland, New Zealand, Civil Engineer. An improved stove for gaseous, liquid, solid, pulverised, or any other fuels.

Claims.—(1.) In the improved stove specified, the combination of the non-heat-conducting chamber and material therein, the water jacket or casing provided therein, and therewith the cold-water and hot-water taps for feeding and exhausting the same, the hot gas or fuel heat space, and the combustion-chamber with the dropping door attached thereto for the purpose set forth, substantially as described and illustrated. (2.) In the improved stove specified, the combustion-chamber with the dropping door attached thereto for the purpose set forth, substantially as described and illustrated. (3.) In the improved stove specified, the application arrangement and combination of the various parts thereof as detailed for the purpose set forth, substantially as described and illustrated.

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

No. 21094.—4th May, 1906.—WINDOW-GLASS MACHINE COMPANY, of Farmers' Bank Building, Pittsburg, Pennsylvania, United States of America (assignees of John Henry Lubbers, of No. 506 McClintock Avenue, Alleghany, Pennsylvania aforesaid, Glassworker). An improved method of drawing hollow-glass articles.

Claims.—(1.) The method of drawing hollow-glass articles, consisting in starting the draw at comparatively low speed, continuing at such speed for a portion of the draw, and then increasing to higher speed, and continuing the drawing operation, substantially as described. (2.) The method of forming hollow-glass articles, consisting in drawing the same from a bath of molten glass, then materially increasing the speed to thin the walls of the article, and then severing the thinned portion, substantially as described. (3.) In the method of drawing hollow-glass articles according to Claim (1), gradually increasing the speed from the lower to the higher drawing-speed, substantially as described. (4.) In the method of drawing hollow-glass cylinders according to Claim (1), forming a neck and cap portion which together with the first portion of the cylinder are drawn at a comparatively low speed, the remainder of the cylinder being drawn at a materially increased speed. (5.) The method of drawing hollow-glass cylinders which consists in starting the draw and continuing while a portion of the cylinder is formed, at a slow speed, then increasing the speed while drawing the major portion of the cylinder, and finally again increasing the speed to draw a thin bottom portion, the three rates of speed being of materially increasing character, substantially as described.

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

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 27th June, 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. 19645.—28th June, 1905.—JOHN ANSCHAU, of Glen Innes, New South Wales, Australia, Postmaster. An improved device for sealing mail-bags and the like.*

Extract from Specification.—The buckle (a) is of the ordinary construction, but is provided at the end opposite to the tongue-rest with a hinged lid (b), intended to be closed and held down by the sealing-device in order to prevent the unbuckling of the strap (f). The sides of this lid, which is preferably made of sheet metal, are turned over forming rabbets (b1 b1) for the sliding address-plate (d) fitting therein. This plate bears on each of its external surfaces the name of one of the places of destination of the mail-bag as shown respectively in Figs. 3 and 5. It is constructed with its two surfaces springing outwards as shown in Fig. 6 so as to cause it to grip tightly within its rabbets. A slot (c) in the forward cross-bar or tongue-rest of the buckle and corresponding slots in the covering-plate and in the address-plate provide means for securing all three together by inserting therein the sealing-strap (e) and folding over and sealing the same. After passing this strap (e) through these slots, it is doubled together so that the holes (x) (x) near its ends superpose. Into these the sealing-rivet (g) is inserted and clinched by means of suitable closing-pinchers.

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

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

No. 19749.—18th July, 1905.—EDWARD RAINS, of Dannevirke, Hawke's Bay, New Zealand, Labourer. Improvements in starting-barriers of racecourses.*

Claims.—(1.) In a race-starting device wherein the front barrier ascends sloping rods under the operation of a tension spring, brackets upon the barrier posts, lugs upon the sliding sleeve, a pin passing through holes in the brackets and lugs, starting-cord having branches connected to the said pins, and pulleys mounted upon the posts and upon a rope stretched between the posts for supporting the starting-cord, substantially as set forth. (2.) In a race-starting device, a rear barrier comprising posts erected upon each side of and parallel to the course, rods parallel to the course and supported by the posts, sliding tubes mounted upon the rods, springs attached at one end to the sliding tubes and passing around a pulley

have their other ends secured to eyebolts, a rope connected at its ends to the sliding tubes, and operating-ropes attached to the sliding tubes, substantially as set forth. (3.) For the purpose indicated, the combination with a front barrier for starting races of a rear barrier constructed as described in Claim (2), substantially as set forth. (4.) The combination and arrangement of parts comprising the improvements in starting-barriers of racecourses, substantially as and for the purposes set forth and illustrated on the drawing.

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

No. 19840.—5th August, 1905.—HILARY QUERTIER, of Wood's Hotel, Dunedin, New Zealand, Engineer. Improved non-reversing two-way trolley-pole for electrical traction.*

Extract from Specification.—According hereto a bracket fixed upon the roof of the vehicle has spring-horns extending in opposite directions parallel with the overhead wire, and a jaw, which may have a spring connection with said bracket, has pivoted within it the end of a vertical stem fitting telescopically within a tubular rod, upon the upper end of which is journaled the trolley-wheel. A spring is threaded upon the vertical stem between the underside of the said tubular rod and lock-nuts or a gland upon the stem whereby the tubular rod is projected upwardly under pressure, which may be readily adjusted. The tubular rod has a bracket upon it with opposing jaws, to each of which is pivotally connected a stay-rod passing through one of the spring-horns referred to, and having adjusting nuts. Each stay-rod has threaded upon it a spiral spring arranged between the top of the spring-horn and the underside of adjusting nuts carried upon a screw-threaded portion of the stay-rod, by means of which the pressure of said springs may be regulated.

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

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

No. 19845.—7th August, 1905.—CHARLES MILLER, of Alton Street, Nelson, New Zealand, Photographer. Improved electro-magnetic apparatus for playing games.*

Extract from Specification.—According hereto each player is provided with a plurality of metal rings, discs, dice, or articles of other shape capable of being magnetized. When rings are employed they are suspended or otherwise carried upon a horizontal arm, a sheet of glass, mica, celluloid, or other smooth transparent or semi-transparent material being arranged above each set of rings. By employment of a permanent magnet each player removes the rings one after the other from the arm by attracting it towards the glass or other material employed, and then causes it to travel by the same influence upon the under-surface of the glass until it arrives immediately above a vertical peg, over which it is the aim of the competitor to cause the ring to fall.

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

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

No. 19936.—25th August, 1905.—ALFRED ERNEST LOWE, of Tai Tapu, Canterbury, New Zealand, Gardener. An improvement relating to flower-pots.*

Claim.—For the purpose indicated, the employment upon the inner circumference of a pot adapted to contain flowers and the like of a plate whereby a channel for water is formed, substantially as specified and as illustrated in the drawing.

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

No. 20054.—18th September, 1905.—JAMES DAWSON JACKSON, of No. 6 Burns Street, Prahran, near Melbourne, Victoria, Australia, Plumber. Improvements in water-heaters.*

Extract from Specification.—The water-supply pipe projecting upwards in the centre of this cylindrical flue is provided with a special construction of nozzle, by which the water is sprayed outwards in a very finely divided form. This nozzle consists of a hemispherical or mushroom-shaped distributor arranged above a small hole in the nozzle. At the bottom of the flue is an annular channel formed by a conical plate attached to the casing, within which the hot water is collected. The outflow-pipe for the hot water from this annular channel is water-sealed to prevent the gaseous products of combustion passing out with the hot water.

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

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

No. 20164.—12th October, 1905.—ALEXANDER GILLIES, of 69 Myers Street, Geelong, Victoria, Australia, Dairyman. An improved mouthpiece for pneumatic teat-cups.*

Extract from Specification.—The mouthpiece is formed of a substantially rigid substance, such as metal, having a hollow chamber with openings on the under side in communication with the suction in the cup and openings through its inner periphery. The mouthpiece is detachable, and is secured to the cup by means of a rubber cap or band.

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

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

No. 20727.—15th February, 1906.—NIELS ANDERS HANSEN ABEL, of G1 Kongevej 100, Copenhagen, Denmark, Carpenter. Improvements in or relating to apparatus for use in hoisting and distributing building and other material.

Extract from Specification.—The invention in question relates to a crane designed specially for the hoisting and distribution of building and other materials during the work on building-grounds. By the construction of the crane it is intended that the height of the distribution-bridge over the ground during the course of the work can always be made to suit the varying scaffolding-heights, and that the material can easily be lifted from and removed to any place within the building-ground, even if there are adjoining buildings which limit the space of turning for the distribution-bridge. To these ends the main body of the crane is constructed in such a manner that it can be lengthened and shortened during the work, and an elongating bridge is attached which can be projected in necessary length from the main part of the distribution-bridge, the swing-bridge, when the latter is turned in the direction of the place to be reached, or at the same time as this turning. Further, an automatic balancing of the elongating bridge when in motion along the swing-bridge, and of the weight during the hoisting and transport of same along the elongating bridge, has been procured by means of a special arrangement of a counterweight sliding along the swing-bridge, and further on, for one thing, other advantages which will appear from the detail description have been gained by the arrangement of suitable connections between the different parts of the crane.

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

(Specification, £1 ; drawings, 8s.)

No. 20803.—2nd March, 1906.—GEORGE KYME, of Dunedin, New Zealand, Music-teacher. Means for use in transposing music and for indicating the pitch of musical instruments.

Claim.—For the purpose indicated, suitable strips upon one of which is tonic sol-fa notation, while upon the other is the representation of the keyboard of a piano or organ, and above that the staff scale notation, said strips being adapted to slide horizontally, substantially as specified and operating as explained.

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

No. 20831.—8th March, 1906.—ROBERT COCKBURN, J.P., of Roxburgh, New Zealand, Mining Agent and Sharebroker. Improved automatic detector of undue water.

Claims.—(1.) In detecting undue rise of water in certain places that such may happen in, the combination of a float with the whistle of a steam boiler, so that a rise of the water causes said whistle to sound, all substantially as shown and as described and explained. (2.) In the detection of undue rise in water, the combination of several floats connected to a whistle so that the rise of one of them would pull a cord and thus give an alarm, all substantially as shown in the drawing, and as described and explained. (3.) In the detection of undue rise in water, the combination of a float with another form of alarm such as a gun, when steam is not available, all substantially as set forth.

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

No. 21087.—4th May, 1906.—WYNFORD ORMSBY BEERE, of Lambton Quay, Wellington, New Zealand, Surveyor. An improved drawing instrument.

Extract from Specification.—The instrument consists of a plate of metal, celluloid, vulcanite, or similar material, near the upper edge of which is pivoted a combined index

finger and ruler. A semicircle inscribed upon the plate is divided into degrees. Other semicircles inscribed upon the plate are divided as required to form letters of the alphabet having various characteristics. Thus, a vertical block letter or numeral, or a block letter or numeral sloping to the right or left, may be formed, and the instrument is provided with means whereby a letter may be made with a thick down-stroke and fine upstroke.

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

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

No. 21102.—8th May, 1906.—ALFRED SEBELIUS HEIDEMAN, of Red Hill, Gympie, Queensland, Australia, Gold-wire Worker. Method for operating the points of rail or tram ways for vehicles running thereon.

Claims.—(1.) Means for operating points from the vehicle, consisting of a wiper carried thereon, and capable of being lowered, said wiper being articulated and operated by a lever, under the control of the driver of the vehicle, as described and illustrated in the drawings, and for the purposes set forth. (2.) Means for operating points, consisting of levers contiguous and articulated to the points, placed preferably below the surface of the road, and arranged so that any of them can be operated from or by a vehicle as described and as illustrated in the drawings, and for the purpose set forth. (3.) Means for operating points, consisting of a wiper, operated by a hand or foot lever on the vehicle arranged to strike against and push aside a lever or levers articulated to the points to be operated, as described and illustrated as and for the purposes set forth.

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

No. 21115. — 31st August, 1905. — SAMUEL FREDERICK MUDGE, of Wilson Street, Albury, New South Wales, Australia, Auctioneer. An improved adjustable wheel-tire.

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

Claims.—(1.) An improved adjustable wheel-tire formed in one or more sections, enlarged ends on said section or sections, recesses formed in said ends, and tie or connecting pieces formed corresponding in shape to said recesses, in combination with a wheel having its rim formed corresponding to the tire sections. (2.) An improved adjustable wheel-tire formed in one or more sections, enlarged ends on said section or sections, circular recesses formed in said ends, and tie or connecting pieces formed with ends corresponding in shape to said recesses, in combination with a wheel having its rim formed in sections, substantially as described. (3.) In a wheel-tire of the kind described, formed of one or more sections, enlarged ends on said sections, recesses extending through said enlarged ends, a feather-edge flange on said section or sections of tire in combination with a tie or connecting piece, and fastening bolts or pins extending through the ends of the tie-pieces and through the enlarged ends of the tire section or sections, substantially as set forth. (4.) In a wheel-tire of the kind described, formed of one or more sections, enlarged ends on each section of the tire, circular recesses extending partly through said enlarged ends, a shoulder formed at the end of each circular recess, a hole extending through said shoulder, in combination with a tie or connecting-piece having circular ends thereon and lateral pins on said ends, substantially as described. (5.) In a wheel-tire of the kind described, formed of one or more sections, enlarged ends on said section or sections, recesses in said ends, and tie or connecting pieces corresponding in shape to said recesses, and with or without fastening-bolts, slots in the ends of said tie-pieces and in the enlarged ends of the tire sections, pins adapted to fit into said slots, in combination with a wheel having its rim formed corresponding to the tire sections, substantially as set forth.

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

No. 21116.—9th May, 1906.—JOHAN PETTER JOHANSSON, Enköping, Sweden, Managing Director of Enköpings Mekaniska Werkstads Aktiebolag, Enköping, Sweden. Improvements in centrifugal liquid-separators.

Extract from Specification.—This invention relates to an arrangement of the plates differing from those stated above, which renders the said distance pieces or projections superfluous, the spaces between the plates being thus open and free entirely along their whole surface. Owing to this fact the plates may be fixed to each other at their inner edges, as the open spaces are so accessible that the cleaning operation

can be effected without the plates being further separated. By this arrangement the liner, as a whole, becomes a single firm body, which can easily be put into and taken out of the drum, and also can be more easily handled than liners composed of a plurality of small pieces. The said object is attained by the liner—that is, the whole set of plates—being made conical or convex at its top as well as at its bottom with the axis of the cone coinciding with the axis of the drum and by the drum being correspondingly shaped inside at the top and at the bottom, so that the liner is positively supported along its conical or convex surface by the drum. For that reason the latter is provided with a funnel-shaped bottom and with a cover or an inner cap, like a funnel turned upside down. As the said surfaces of the liner are the same at the top and bottom edges respectively of the plates, each plate has in this manner a positive support against the drum at the top edge as well as at the bottom edge along its whole length between the inner edge and the outer edge. Owing to this fact it is held in a reliable manner in its position, and prevented from bending during the rotation. For additional security such a special curved shape has been given to the plates that they form a large angle—that is, almost a right angle—to the radius of the drum for the greatest part of their length, so that the plates viewed from the top for the greatest part of their length with the edge will follow the top and bottom bearing surfaces of the drum mentioned above, almost parallel to the circumference of the drum, owing to which fact the plate is prevented from sliding outward along the said surfaces. At the same time the space—that is, the distance between the plates—will become great near the centre of the liner and small at the circumference of same, which is a great advantage, since the milk-layers then are thin where the centrifugal force is greatest, and the slow-running cream has to overcome less resistance or get better room near the centre, between the plates. If desired, the said bearing surfaces may be provided with notches with which the plates engage.

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

(Specification, 9s. 6d.; drawings, 4s.)

No. 21253.—30th May, 1906.—ROBERT ANDREWS and WILLIAM ORANGE MCFADDEN, both of Parnell, Auckland, New Zealand, Contractors, and DANIEL WHITBURN, of Auckland aforesaid, Carpenter. An improved means of fastening gratings in traps and cesspits or drainpipes.

Claims.—(1.) In the improved means for fastening gratings in traps and cesspits or drainpipes specified, the grating made with lugs as part thereof or secured thereto, the groove made in said grating with the bolt adjusted to work therein, fitted to engage recesses made in the trap and in cesspit and the said recesses for the purpose set forth, substantially as described and illustrated. (2.) In the improved means for fastening gratings in traps and cesspits or drainpipes specified, the holes made in the trap and in cesspit with hook fixed in one hole and angle-iron turnably fitted in other hole both to engage grating and in combination with said grating for the purpose set forth, substantially as described and illustrated.

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

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

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

F. WALDEGRAVE,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 27th June, 1906.

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

- No. 21068.—D. Fabling, tool for opening cases.
- No. 21078.—T. W. Witt, parcel-strap handle.
- No. 21084.—G. W. C. Shirley, rabbit and trap carrier.
- No. 21088.—J. Hamilton, sliding sheep-fence.
- No. 21089.—F. G. Semb, arranging laths of venetian blinds.
- No. 21090.—A. Noble, raising and lowering guard-rails of tram-cars.
- No. 21099.—W. H. Stichling, A. W. Wilson, R. S. Overend, J. E. Paterson, and E. Masters, butter-box.

No. 21103.—H. Bairstow, draught, dust, and rain excluder.

No. 21114.—H. W. McClellan, gas water-heater.

No. 21126.—W. Clark, trap-chain.

No. 21131.—J. W. Smitham and J. Perks, trolley-pole for electric tramways.

No. 21147.—F. Gough, cow-leg holder.

No. 21148.—J. Barden, bird-trap.

No. 21152.—F. C. J. Olsen, wardrobe.

No. 21202.—J. D. Plimmer, vice.

No. 21233.—United Shoe Machinery Company, shoe-upper lacing-machine. (W. A. Smith.)

No. 21239.—J. D. McLaurin, attaching tags or brands to hemp.

No. 21241.—H. E. McDonald, cooking-utensil.

No. 21314.—H. E. McDonald, attaching tags and labels to hemp.

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 14th to the 26th June, 1906, inclusive:—

Nil.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

NO. 15022.—M. Saunders, harvester. 22nd June, 1906.

No. 15025.—F. Bonnington, damper-regulator. 25th June, 1906.

No. 15041.—O. Tipton, manure and seed sower. 22nd June, 1906.

No. 15044.—W. Buckingham, rotary engine and pump. 22nd June, 1906.

No. 15046.—C. Robinson, destruction of vermin. 22nd June, 1906.

No. 15052.—C. C. Kidd, ditch-plough. 25th June, 1906.

No. 15071.—The American Tobacco Company, cigarette-wrapper-making machine. (S. D. S. and S. S. D. Rakowitzky.) 22nd June, 1906.

No. 15072.—The American Tobacco Company, inserting cotton in cigarette-wrapper tubes. (S. D. S. Rakowitzky.) 22nd June, 1906.

No. 15073.—The American Tobacco Company, cigarette-tube-forming machine. (K. Harnisch.) 22nd June, 1906.

No. 15617.—H. S. Wainwright, draught-promoter and spark-arrester. 23rd June, 1906.

THIRD-TERM FEE.

No. 12070.—H. Dolter, apparatus for electric traction. 13th June, 1906.

Subsequent Proprietors of Letters Patent registered.

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

NO. 14011.—The Crown Cork Company, Limited, of 71, 73, 79, and 81 Paul Street, Finsbury, London, E. C., England. Bottle-closure. [R. L. Patterson.] 26th June, 1906.

No. 14859.—Hugh Gunn, of Auckland, in the Colony of New Zealand, registered as proprietor of a one-sixth interest. Spark-arrester. [H. Gunn and A. G. Kenderdine.] 26th June, 1906.

No. 14859.—Michael Hamilton Scott, manager of Bycroft's, Limited, and Malcolm John Connor, Engineer, both of Auckland, in the Colony of New Zealand, registered as proprietors of a two-thirds share and interest of and in the invention and Letters Patent. Spark-arrester. [H. Gunn.] 26th June, 1906.

No. 16168.—The Crown Cork Company, Limited, of 71, 73, 79, and 81 Paul Street, Finsbury, London, E. C., England. Bottle-closure. [The Crown Cork and Seal Company—R. A. Hall.] 26th June, 1906.

No. 16381.—Linotype and Machinery, Limited, of 188 and 189 Fleet Street, in the City of London, England. Machine for the assembly of type-matrices. [J. G. Holbourns and H. A. Longhurst.] 26th June, 1906.

No. 19661.—General Machinery and Supply Company, a corporation organized under the laws of the State of Illinois, having offices at 299 West Lake Street, Chicago, Cook County, Illinois, United States of America. Sheep-shears. [H. S. Burley.] 26th 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 14th to the 27th June, 1906, inclusive:—

No. 19884.—N. I. Gooder and R. Tait, jun., photographing moving objects.

No. 19885.—H. G. Scott, acetylene generator.

No. 19888.—J. Frame, motor.

No. 19889.—S. F. Womersley, butter-weigher.

No. 19893.—F. A. Burkitt, tire-cover.

No. 19894.—R. H. Owen, match-striker.

No. 19897.—R. W. de Montalk, rule or scale.

No. 19900.—G. Capstick, ship's hull scrubber. (R. N. Adams.)

No. 19901.—W. H. Pearson, shot-making machine.

No. 19905.—D. Urquhart and C. Sloper, hydro-extractor.

No. 19906.—T. Garland, kettle.

No. 19907.—J. E. Brown, metal glazing bars.

No. 19908.—T. H. Rutherford, toaster.

No. 19912.—A. Adcroft, burner for gas-range.

No. 19915.—C. A. Johnson, J. Lloyd, and C. H. Underwood, animal-trap.

No. 19918.—E. M. Payne, game.

No. 19919.—J. Wilson, letter-file cover.

No. 19921.—H. Luks, electric switch block.

No. 19929.—R. P. Park, closing and locking lift-door.

No. 19935.—W. Diack, bottle.

No. 19937.—H. S. McCully, plough.

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 14th to the 27th June, 1906, inclusive:—

No. 19246.—T. Carter, milk and cream cooler.

Applications for Letters Patent lapsed.

LIST of applications for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 14th to the 27th June, 1906, inclusive:—

No. 18876.—J. F. Ross and W. Wiggins, wire coiler and uncoiler.

No. 18893.—A. E. Gill, wire-rope clamp.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees and through expiry of term of fourteen years, from the 14th to the 27th June, 1906, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 14625.—W. M. Bartle, flushing apparatus.

No. 14627.—M. Zobel, agitation-vat.

No. 14629.—J. Moroney, girth and surcingle.

No. 14634.—J. Lemire, milk-aerator.

No. 14636.—F. W. Payne, tailings-stacker.

No. 14638.—P. H. Reardon, pressure-regulator.

No. 14639.—J. and W. G. Jamieson, dressing limestone.

No. 14641.—J. M. Rauhoff, motion-converter.

No. 14642.—J. B. G. Bonnaud, nitro-cellulose compound.

No. 14643.—A. S. Plews, manufacture of white oxide of antimony.

No. 14645.—J. R. and W. H. Jewell, wheel-lock.

No. 14656.—J. E. Gee, floor-washer.

No. 14660.—R. R. Donaldson, sewage, &c., treatment.

No. 14661.—F. H. Long, metallurgic filter. (E. Waters, jun.—F. H. Long.)

No. 14662.—F. H. Long, electrolytic converter. (E. Waters, jun.—F. H. Long.)

No. 14669.—R. Arthur, discharging waste products of combustion.

No. 14682.—Valves, Limited, hermetically sealing tins. (J. R. Croft.)

No. 14683.—J. Murison, dredge-tumbler sleeve.
 No. 14684.—C. H. Osmond, artificial minnow.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 11443.—A. J. Knocks, horse medicine.
 No. 11459.—Foreign McKenna Process Company, lifting railway-rails into furnace. (E. W. McKenna—D. H. Lentz.)
 No. 11460.—Foreign McKenna Process Company, sawing and straightening railway-rails. (E. W. McKenna—D. H. Lentz.)
 No. 11480.—Gesellschaft zur Einführung und Verwerthung des Mechernicher Magnetischen Aufbereitungsverfahrens mit beschränkter Haftung, separating ores. (E. Kreuser.)

THROUGH EXPIRY OF TERM.

No. 5608.—C. A. Folly, W. L. Flanagan, and D. W. C. Ward, screw-coupling for pipes.
 No. 5609.—J. Gresham, brake apparatus.
 No. 5612.—The Pfaudler Vacuum Fermentation Company, beer-manufacture. (A. J. Metzler.)
 No. 5613.—The Pfaudler Vacuum Fermentation Company, beer-manufacture. (A. Hummel.)

Designs registered.

DESIGNS have been registered in the following names on the 27th April 1906:
 No. 286.—Harding and Billing, of Auckland, in the Colony of New Zealand, Advertising Agents. Class 5.
 No. 287.—Barningham and Co., of George Street, Dunedin, in the Colony of New Zealand, Engineers and Founders. Class 1. 22nd June, 1906.

Designs expired.

THE copyright in the following designs has expired:—
 No. 131.—A. Billens, of Christchurch, New Zealand. Class 10. (Collar.)
 No. 132.—I. Russell, of Dunedin, New Zealand. Class 5. (Dress-cutting chart.)

Applications for Registration of Trade Marks.

Patent Office,
 Wellington, 27th June, 1906.

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: 5818.
 Date: 5th March, 1906.

TRADE MARK.
 The word
 "UNION."

NAME.

VEREINIGTE PINSEL FABRIKEN, of 21 Praterstrasse, Nuremberg, Germany, Brush-manufacturers.

No. of class: 50.

Description of goods: Brushes of all kinds, not including brushes of wire and artists' brushes (camel-hair pencils).

No. of application: 5819.
 Date: 5th March, 1906.

TRADE MARK.
 The word
 TROCADERO.

B

NAME.

VEREINIGTE PINSEL FABRIKEN, of 21 Praterstrasse, Nuremberg, Germany, Brush-manufacturers.

No. of class: 50.

Description of goods: Brushes of all kinds, not including brushes of wire and artists' brushes (camel-hair pencils).

No. of application: 5820.
 Date: 5th March, 1906.

TRADE MARK

The word
 GLORIA.

NAME.

VEREINIGTE PINSEL FABRIKEN, of 21 Praterstrasse, Nuremberg, Germany, Brush-manufacturers.

No. of class: 50.

Description of goods: Brushes of all kinds, not including brushes of wire and artists' brushes (camel-hair pencils).

No. of application: 5863.
 Date: 30th March, 1906.

TRADE MARK.



NAME.

AMBROSE BROWN, of Dunedin, in the Colony of New Zealand, Tea-merchant.

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

No. of application: 5927.

Date: 3rd May, 1906.

TRADE MARK.

The word

SHAMROCK.

The applicant claims that the said trade mark has been in use by him and his predecessors in business in respect of the articles mentioned since the year 1867.

NAME.

GEORGE HERBERT BROWN, trading as "John S. Brown and Sons," of Ulster Works, 14 Dublin Road, Belfast, Ireland, Manufacturers.

No. of class: 28.

Description of goods: Linen and hemp goods not included in Class 27.

No. of application: 5980.

Date: 30th May, 1906.

TRADE MARK.



NAME.

STUART ROBINSON, trading as "J. H. Robinson and Son," of 21 Willis Street, Wellington, in the Colony of New Zealand, Jewellers.

No. of class: 14.

Description of goods: Finger-rings.

No. of application: 5986.

Date: 1st June, 1906.

TRADE MARK.

The word

"SOBRITE."

NAME.

MARSHALLS PROPRIETARY, LIMITED, of Dunedin, in the Colony of New Zealand, Manufacturing Chemists.

No. of class: 50.

Description of goods: Metal and other polishes.

No. of application: 6010.

Date: 13th June, 1906.

TRADE MARK.

The word

BABY.

NAME.

AKTIEBOLAGET SEPARATOR, of Stockholm, in Sweden.

No. of class: 7.

Description of goods: Centrifugal separators, churns, and other dairy apparatus or implements.

No. of application: 6013.

Date: 13th June, 1906.

TRADE MARK.

The word

PONY.

NAME.

AKTIEBOLAGET SEPARATOR, of Stockholm, in Sweden.

No. of class: 7.

Description of goods: Centrifugal separators, churns, and other dairy apparatus or implements.

No. of application: 6018.

Date: 22nd June, 1906.

TRADE MARK.

The word

"BELLING."

NAME.

W. H. PALING AND Co., LIMITED, a registered company carrying on business as Importers of Musical Instruments and Music at No. 338 George Street, Sydney, in the State of New South Wales and Commonwealth of Australia.

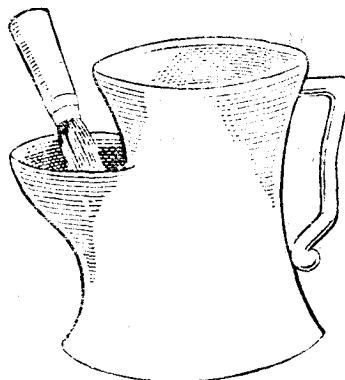
No. of class: 9.

Description of goods: Pianos and organs, and musical instruments, and sound-producing instruments of all kinds.

No. of application: 6020.

Date: 22nd June, 1906.

TRADE MARK.



NAME.

LEVER BROS., LIMITED, of Balmain, near Sydney, State of New South Wales, Commonwealth of Australia, Manufacturers.

No. of class: 48.

Description of goods: Perfumed soap.

No. of application : 6021.
Date : 22nd June, 1906.

TRADE MARK.



The essential particulars of this trade mark are the device and the words "Nil Simile"; and applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their own name.

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 continuously since 1884.

NAME.

D. HENDERSON AND SONS, of 234 St. Saviour's Road East, Manchester, England, Manufacturers.

No. of class : 38.

Description of goods : Boots, shoes, slippers, leggings and gaiters.

No. of application : 6022.
Date : 22nd June, 1906.

TRADE MARK.

The word

KUVVERAINE.

NAME.

WILLIAM S. AYSON, of Wyndham, Southland, in the Colony of New Zealand, Farmer.

No. of class : 50 (10).

Description of goods : Compound for preserving horse-covers, rope-reins, tarpaulins, and other fibrous materials.

F. WALDEGRAVE,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 14th to the 27th June, 1906, inclusive :—

- No. 4528 ; 5470.—G. H. Brown ; Class 27. (*Gazette* No. 6, of the 25th January, 1906.)
- No. 4580 ; 5811.—Donaghy's Rope and Twine Company, Limited ; Class 50. (*Gazette* No. 22, of the 22nd March, 1906.)
- No. 4581 ; 5821.—White and Co., Limited ; Class 42. (*Gazette* No. 22, of the 22nd March, 1906.)
- No. 4582 ; 5723.—W. Somerville ; Class 50. (*Gazette* No. 15, of the 22nd February, 1906.)
- No. 4583 ; 5825.—The Warren Featherbone Company ; Class 38. (*Gazette* No. 26, of the 5th April, 1906.)
- No. 4584 ; 5867.—The British Columbia Packers Association ; Class 42. (*Gazette* No. 26, of the 5th April, 1906.)
- No. 4585 ; 5845.—W. Townson ; Class 3. (*Gazette* No. 26, of the 5th April, 1906.)
- No. 4586 ; 5430.—J. H. Henkes' Distillery ; Class 43. (*Gazette* No. 2, of the 11th January, 1906.)
- No. 4587 ; 5575.—The Ewing Phosphate Company, Limited ; Class 14. (*Gazette* No. 96, of the 2nd November, 1905.)
- No. 4588 ; 5685.—Wiggins, Teape, and Co., Limited ; Class 39. (*Gazette* No. 6, of the 25th January, 1906.)

- No. 4589 ; 5686.—Wiggins, Teape, and Co., Limited ; Class 39. (*Gazette* No. 6, of the 25th January, 1906.)
- No. 4590 ; 5687.—Wiggins, Teape, and Co., Limited ; Class 39. (*Gazette* No. 6, of the 25th January, 1906.)
- No. 4591 ; 5834.—W. H. Paling and Co., Limited ; Class 9. (*Gazette* No. 22, of the 22nd March, 1906.)
- No. 4592 ; 5835.—J. Hall and Co., Limited ; Class 42. (*Gazette* No. 26, of the 5th April, 1906.)
- No. 4593 ; 5837.—J. Hall and Co., Limited ; Class 47. (*Gazette* No. 26, of the 5th April, 1906.)

Trade Mark Renewal Fees paid.

FEES paid for the renewal of the undermentioned Trade Marks for fourteen years from the dates first noted :—

- No. 528/468.—8th July, 1906.—Boord and Son, of London, England. 22nd June, 1906.
- No. 571/471.—15th September, 1906.—British-American Tobacco Company, Limited, of London, England. 26th June, 1906.
- No. 635/504.—15th November, 1906.—British-American Tobacco Company, Limited, of London, England. 26th June, 1906.
- No. 1557/1262.—13th November, 1909.—W. Cameron and Brother, of Petersburg, United States of America. 26th June, 1906.

Subsequent Proprietor of Trade Mark registered.

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

NO. 85/1126.—Felten and Guilleaume Lahmeyerwerke Actien-Gesellschaft, of Mulheim-on-the-Rhine, in the German Empire, Cable-manufacturers. [Felten and Guilleaume Carlswerk Actien-Gesellschaft.] 26th June, 1906.

Trade Marks removed from the Register.

TRADER MARKS removed from the Register, owing to the non-payment of the renewal fees, from the 14th to the 26th June, 1906, inclusive :—

- No. 424/318.—14th March, 1892.—S. Cox and R. Phillips, of Melbourne, Vic. Class 2.
- No. 429/368.—18th March, 1892.—W. Staerker and O. Fischer, of Sydney, N.S.W. Class 38.
- No. 430/328.—21st March, 1892.—P. Dutton, of Dunedin, N.Z. Class 3.
- No. 431/551.—21st March, 1892.—W. Taine, of Dunedin, N.Z. Class 4.
- No. 432/548.—23rd March, 1892.—G. Gledhill, of Auckland, N.Z. Class 44.
- No. 436/371.—24th March, 1892.—S. Allsopp and Sons, Limited, of Burton-on-Trent, Eng. Class 43.

Application for Trade Mark withdrawn.

THE following application for Trade Mark has been withdrawn :—

No. 5677.—A. Murdoch and Co. (Advertised in Supplement to *New Zealand Gazette*, No. 110, of the 14th December, 1905.)

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.

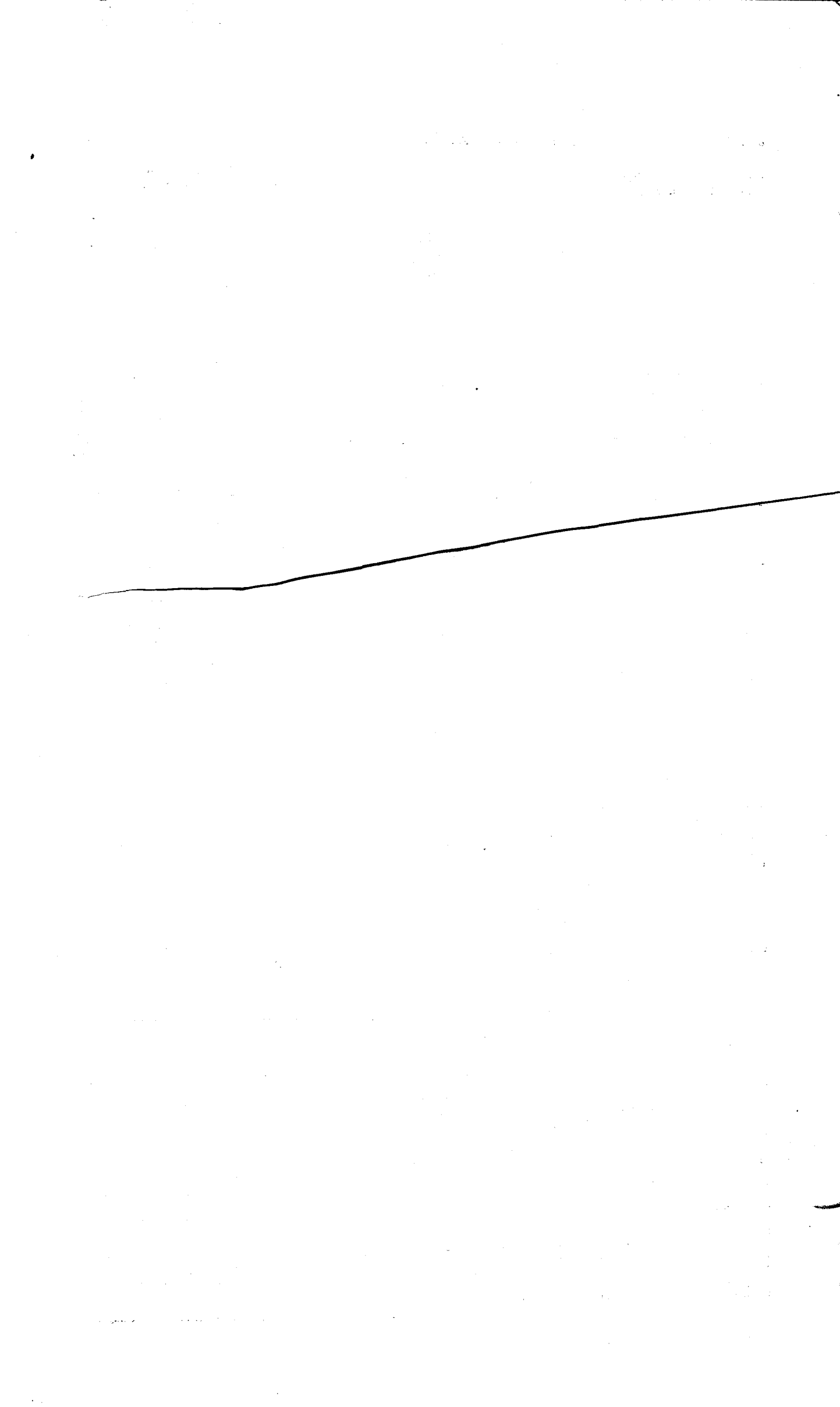
All advertisements should be written on one side of the paper, and signatures, &c., should be written in a legible hand.

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.

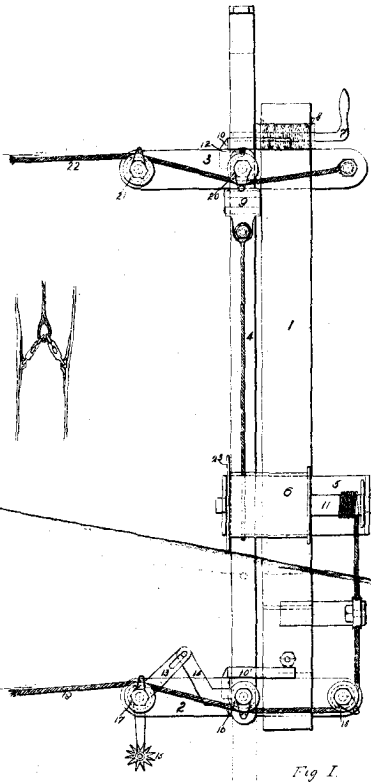
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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.

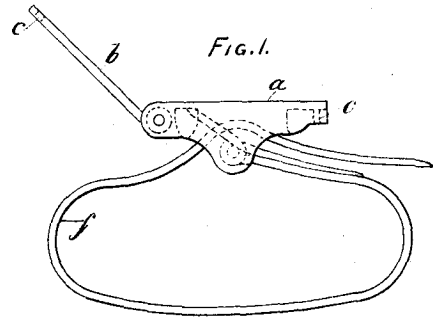


ILLUSTRATIONS OF INVENTIONS.

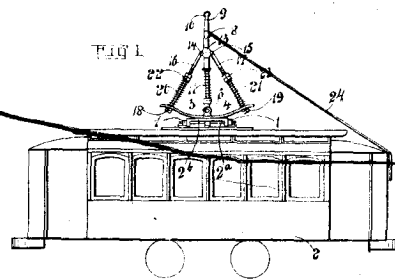
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



19520
Firth. Horse-stopper.



19645
Anschau. Mail-bag Seal.



19840
Quertier. Trolley-pole.

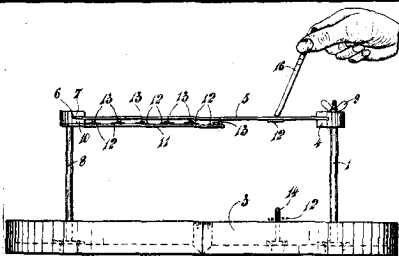
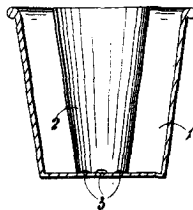
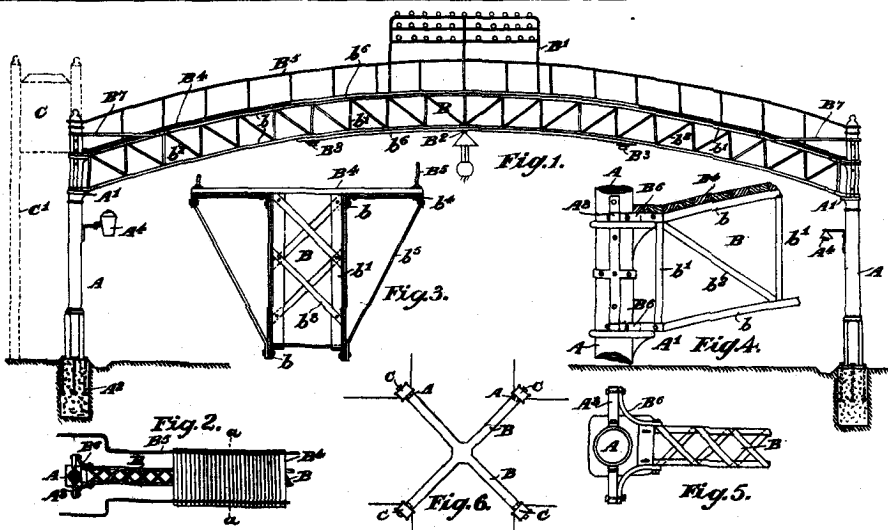


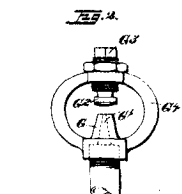
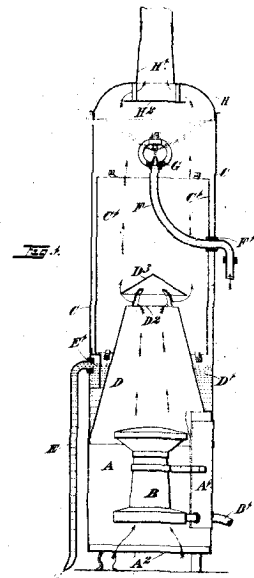
FIG. 1.
19845
Miller. Game.



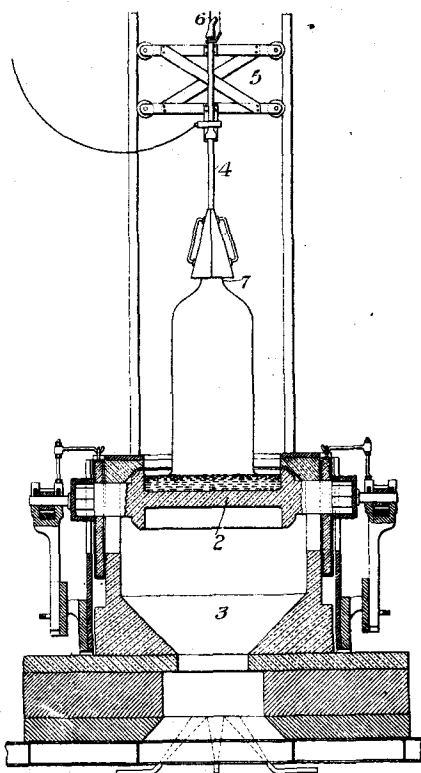
19936
Lowe. Flower-pot.



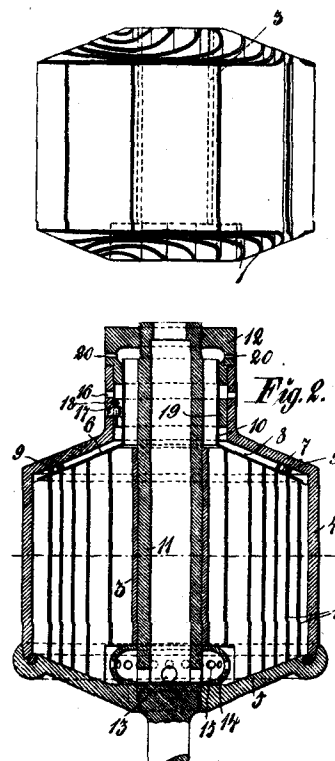
19589
Lodder. Power Cable-support.



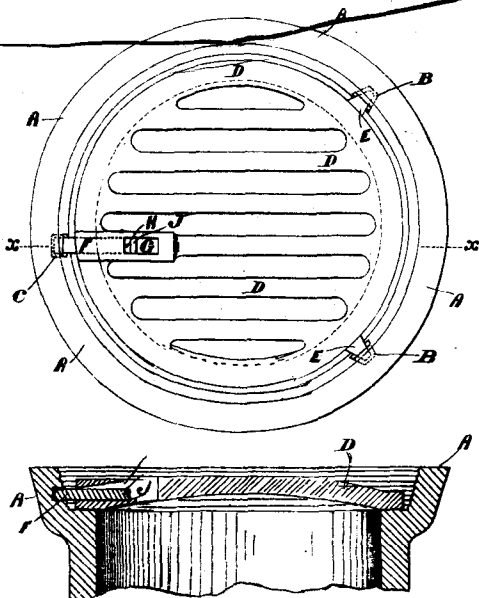
20054
Jackson. Water-heater.



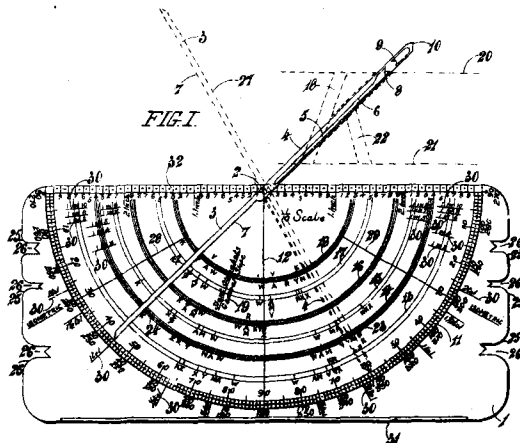
21084
Window-glass Machine Co. Drawing Glass Articles. (Lubbers.)



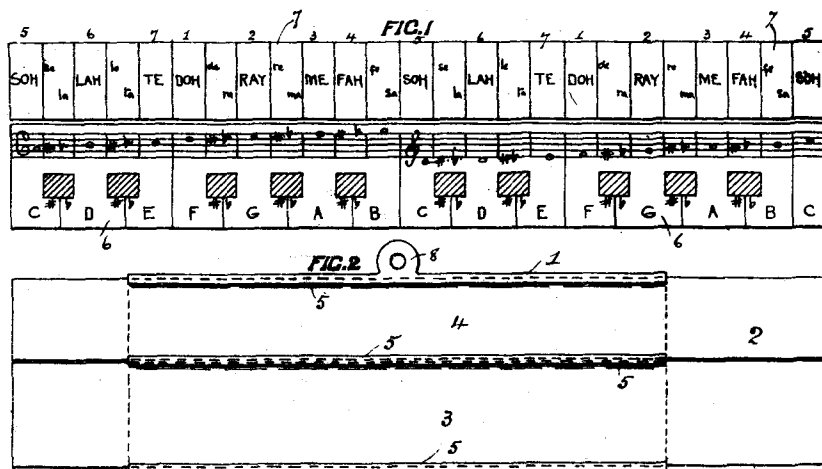
21116
Johannes Centrifugal Separator.



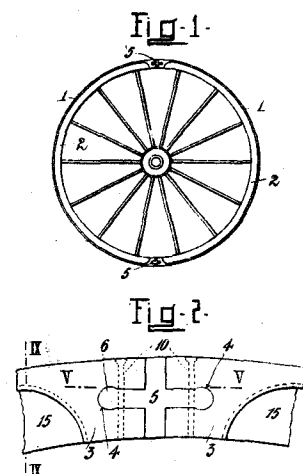
21253
Andrews, McFadden, and Whitburn. Drain-grating Fastener.



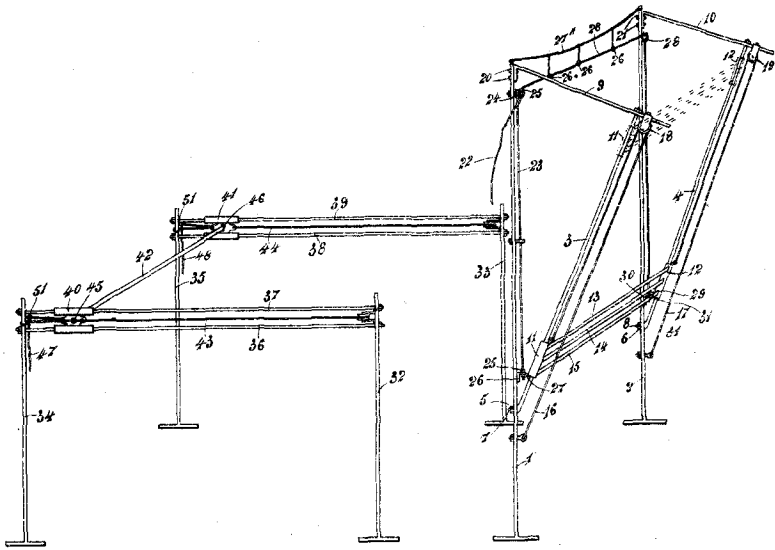
21087
Beere. Drawing-instrument.



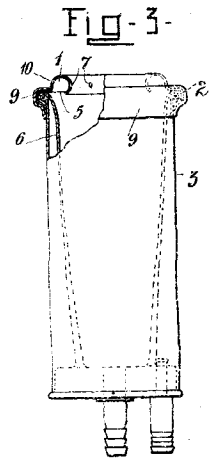
20803
Kyme. Music-transposer.



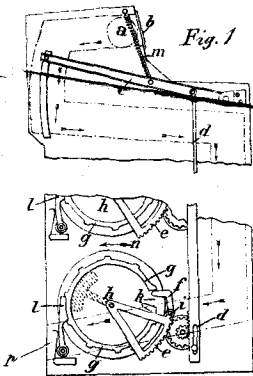
21115
Mudge. Tire.



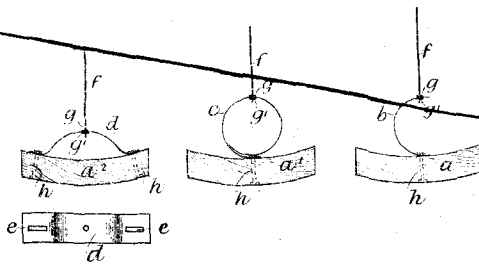
19749
Rains. Race-starter.



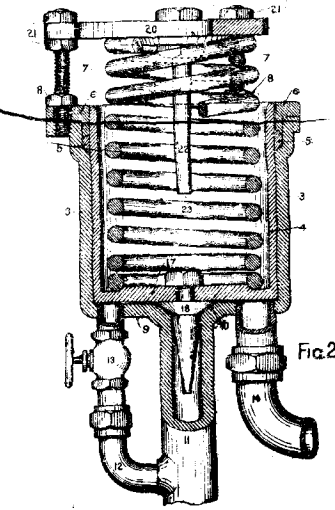
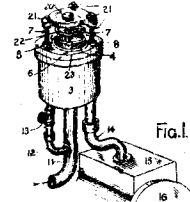
20164
Gillies. Test-cup.



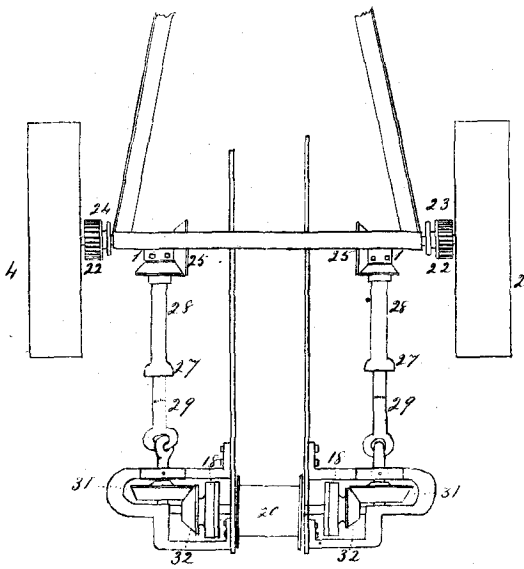
20635
Boggiano. Vote-recorder.



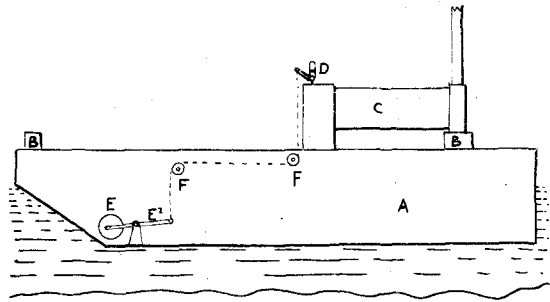
20664
Burt. Cycle-wheel.



20994
Lorenz. Engine-governor.



20711
Robertson. Plough-elevator.



20831
Cockburn. Water-detector.

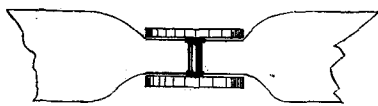
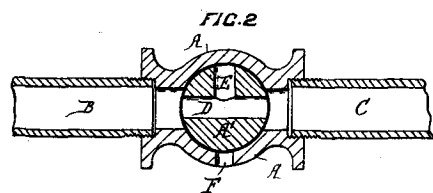
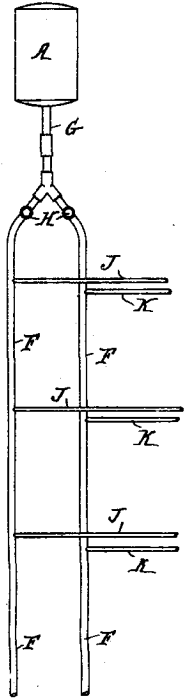


FIG. 2.

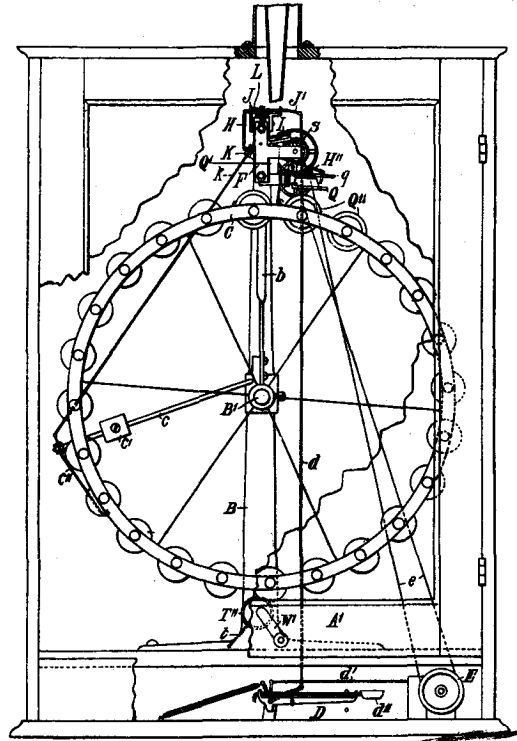
20972
Bocock and Dewing. Mattress-fastening.



20985
Keen. Brake-valve.



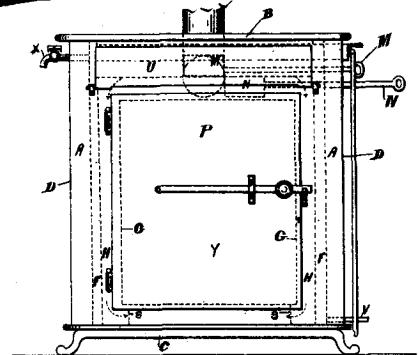
20992
Border. Train-indicator.



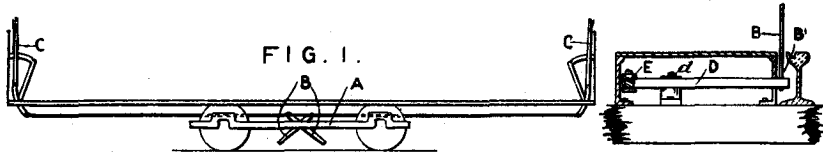
21060
Hughes Photograph. (Shigley.)



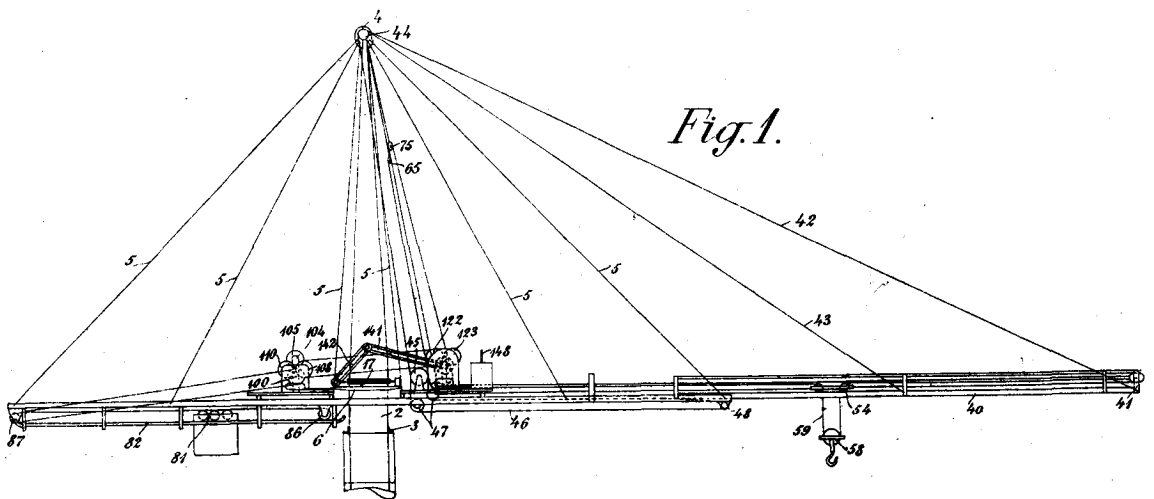
21000
Robertson and Blackburn. Rubber Heel.



21085
Rich. Stove.



21102
Heideman. Railway-point Operator.



20727
Abel. Hoist.