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International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks.

INTERNATIONAL CONVENTION.

THE following countries now belong to the Convention :—

Australia.	Italy.
Belgium.	Japan.
Brazil.	Mexico.
Ceylon.	New Zealand.
Cuba.	Norway.
Denmark and Faroe Islands.	Portugal, with the Azores and Madeira.
Dominican Republic.	Servia.
France, with Algeria and Colonies.	Spain.
Germany.	Sweden.
Great Britain.	Switzerland.
Holland, with East Indian Colonies, Curaçoa, and Surinam.*	Tunis.
	United States of America.

* Trade marks only.

Separate arrangements have been made between Australia and New Zealand.

Particulars of the Convention and of such arrangements may be seen in the following *Gazettes* :—

Notification of adhesion of New Zealand to the Convention, with text thereof (in English), in the *Gazette* of 26th November, 1891; notification of adherence of New Zealand to the Additional Act of the Convention, with text (in English), of such Additional Act, in Patents Supplement to *Gazette* No. 101, of the 16th November, 1905; Order in Council applying section 103 of the Imperial Act to New Zealand, in *Gazette* No. 27, of the 15th May, 1890; Orders in Council containing arrangements between Australia and New Zealand, in Patent Supplements to the *Gazette* Nos. 22 of the 9th March, 1905, and 38 of the 20th April, 1905.

Patent Publications in New Zealand.

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 12th January, 1908.

Classified illustrated abridgments of inventions from 1855 to 1904 and part of 1905.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to February, 1908.

Index of Applicants.

Subject-matter Index.

Commissioner of Patents Journal, &c.^(a).

Trade Marks Journal to January, 1908.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to October, 1907.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January to the 1st March, 1907, inclusive.

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

The Australian Official Journal of Trade Marks (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 full text of the specifications and drawings for the year 1905.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to January, 1908.

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 1904.
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 1904.
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.

(a) Discontinued.

(b) In arrears. Not now being printed.

DUNEDIN.—TOWN HALL.

United Kingdom.

Classified abridgments of inventions from 1855 to 1904.
Illustrated Official Journal from October, 1905, to date.

Australia.

The Official Journal of Patents from 1905 to date.

Books and Documents open to Inspection at Patent Office, Wellington.

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 Applications for Letters Patent.
4. Register of Patents.
5. Register of Subsequent Proprietors of Letters Patent^(b).
6. Index of Patentees^(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.

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

1. The files relating to all applications for registration 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 AND PUBLICATIONS.

The following forms, &c., may be had on application at the Patent Office, Wellington, or at any of the local Patent Offices named below:—

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.).

(a) Key is in card index.

(b) 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.

(c) 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.

(d) The names of proprietors of subsequent letters patent appear in the Index of Patentees.

(e) Contains classified abridgments of specifications from 1861, with extracts from drawings from July, 1904.

(f) 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 in card index.

(g) May also be obtained at any local Patent Office or money-order office.

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 1893 inclusive. (The lists for the last four of these years are contained in the *Annual Reports of the Registrar.*)

Annual reports of the Registrar, containing alphabetical indexes of applicants for letters patent and of subject-matter of inventions patented from 1894 to 1906 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, supply of forms, &c., have been established at the following places:—

Auckland—Supreme Court. (E. W. Cave, agent.)
Thames—Courthouse. (J. Jordan, agent.)
Gisborne—Courthouse. (G. J. A. Johnstone, agent.)
New Plymouth—Courthouse. (W. A. D. Banks, agent.)
Napier—Courthouse. (A. Trimble, agent.)
Wanganui—Courthouse. (C. A. Barton, agent.)
Nelson—Courthouse. (E. C. Kelling, agent.)
Blenheim—Courthouse. (J. Terry, agent.)
Westport—Courthouse. (O. E. Bowling, agent.)
Greymouth—Courthouse. (B. Harper, agent.)
Hokitika—Courthouse. (J. N. Nalder, agent.)
Christchurch—Supreme Court. (W. W. Samson, agent.)
Ashburton—Courthouse. (F. W. Hart, agent.)
Timaru—Courthouse. (T. W. Taylor, agent.)
Oamaru—Courthouse. (R. P. Ward, agent.)
Dunedin—Supreme Court. (T. E. Roberts, agent.)
Queenstown—Courthouse. (A. J. Thompson, agent.)
Invercargill—Courthouse. (J. R. Colyer, agent.)

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 all cases where the applicant is not the inventor the name of the latter appears in italics after the title.)

No. 24140.—14th March.—E. Henshall, Papanui, N.Z., and W. E. S. Ramsay, St. Albans, N.Z.
Cow-bail.
No. 24141.—18th March.—J. Harrison and G. P. Martin, Dunedin, N.Z.
Animal-cover.
No. 24142.—13th March.—C. F. M. C. Erhardt, London, Eng.
Cuff-protector.*
No. 24143.—13th March.—J. Marks, Auckland, N.Z.
Reversible high-speed turbine.
No. 24144.—18th March.—A. Lawton, Vogeltown, N.Z.
Bracket and hook for support of scaffold, &c.*
No. 24145.—18th March.—S. O. Cowper-Coles, London, Eng.
Cement-manufacture.*
No. 24146.—18th March.—H. C. McDonald, Sydney, N.S.W.
Baling-press.*
(Date applied for under section 106, 16th April, 1907.)
No. 24147.—18th March.—J. Mulligan, Christchurch, N.Z.
Hose-coupling.* (G. W. White.)
No. 24148.—18th March.—A. Gillies, Heidelberg, Vic.
Pneumatic mouth-piece for teat-cup.
No. 24149.—18th March.—L. Marks, New Plymouth, N.Z.
Stretching cloth, &c.
No. 24150.—18th March.—M. Trenwith and H. H. Smith, Auckland, N.Z.
Punching eyelet holes of boot-uppers, &c.
No. 24151.—19th March.—J. Betty, Masterton, N.Z.
Stay and lock for pivot window-sashes, &c.
No. 24152.—19th March.—J. Betty, Masterton, N.Z.
Gate-latch.
No. 24153.—18th March.—R. Luke, Dunedin, N.Z.
Combination surface-dresser for seeds.

No. 24154.—19th March.—W. G. Richardson, Auckland, N.Z.
Stripper machinery for *Phormium tenax*.
No. 24155.—20th March.—J. A. Berg, Christchurch, N.Z.
Frame and springs for steel framed gig.
No. 24156.—19th March.—W. F. Offord, Cambridge, Eng.
Trusses and surgical appliances.*
No. 24157.—19th March.—J. Welsh, North Invercargill, N.Z.
Saving waste soap.
No. 24158.—20th March.—T. C. Morris, Dunedin, N.Z.
Grate.
No. 24159.—20th March.—A. H. Wright, Dunedin, N.Z.
Advertising-apparatus.
No. 24160.—9th March.—G. M. Hunter, Nelson, N.Z.
Standard.*
No. 24161.—23rd March.—E. Coulson, Melbourne, Vic.
Oil-engine.*
No. 24162.—23rd March.—H. B. Courtis, Dunedin, N.Z.
Carburetter.
No. 24163.—23rd March.—C. H. Matthews, Wellington, N.Z.
Billiard-table.
No. 24164.—23rd March.—E. H. Browne, Clevedon, N.Z.
Wire-strainer.*
No. 24165.—24th March.—J. M. Dowd, Putaruru, N.Z.
Plough draught, &c.
No. 24166.—20th March.—J. Mitchell, Auckland, N.Z.
Walling and partitions.
No. 24167.—21st March.—H. N. Bagnall, Auckland, N.Z.
Anti-rattler for window-sash.
No. 24168.—24th March.—B. S. Nicholls and J. H. Nicholls, Auckland, N.Z.
Cooking-range.
No. 24169.—24th March.—C. W. Clayton, Wanganui, N.Z.
Spiral spring-heeled insole.*
No. 24170.—25th March.—W. Sim, Underwood, N.Z.
Milking-machine.
No. 24171.—25th March.—United Shoe Machinery Company, Paterson, U.S.A.
Assembling parts of boots and shoes. (O. Ashton.)
No. 24172.—25th March.—United Shoe Machinery Company, Paterson, U.S.A.
Pulling-over machine. (O. Ashton.)
No. 24173.—25th March.—United Shoe Machinery Company, Paterson, U.S.A.
Sewing-machine. (J. R. Scott.)
No. 24174.—25th March.—J. T. Hunter, Wellington, N.Z.
Uniting metal bodies by heat.* (Electric Railway Improvement Company.)
No. 24175.—25th March.—R. Reid and C. J. Stone, Wanganui, N.Z.
Washing-compound. (A. Gunn.)
No. 24176.—25th March.—J. Peacock, Melbourne, Vic.
Tin, &c., saving appliance.*
No. 24177.—21st March.—A. Philpott, Underwood, N.Z.
Milk-cooler.
No. 24178.—23rd March.—J. Hargreaves, Auckland, N.Z.
Roof extract ventilator.
No. 24179.—25th March.—L. Hardaker, Petersham, N.S.W.
Wheel for road-vehicle.*
(Date applied for under section 106 of the Act, 20th April, 1907.)
No. 24180.—26th March.—H. H. Rayward and E. S. Baldwin, Wellington, N.Z.
Continuous filter-press. (A. J. Arbuckle and A. Osborn.)
No. 24181.—26th March.—R. J. Farmer, Sydney, N.S.W.
Closets or privies.*
No. 24182.—23rd March.—R. Avery, Auckland, N.Z.
Extension boot.*
No. 24183.—25th March.—G. T. Coombs, Ryal Bush, N.Z.
Velocipede.
No. 24184.—25th March.—W. W. Callender, Dunedin, N.Z.
Vehicle-wheel.
No. 24185.—27th March.—J. Wilson, Auckland, N.Z.
Ferro-concrete structures.*
No. 24186.—27th March.—F. O. Von Rome, Christchurch, N.Z.
Boot-upper.*
No. 24187.—28th March.—S. Winn, Nelson, N.Z.
Soap-holder.
No. 24188.—27th March.—A. J. Nicholas, Linwood, N.Z.
Fencing-wire attaching.
No. 24189.—27th March.—H. Quertier, Dunedin, N.Z.
Tally indicator apparatus.
No. 24190.—28th March.—J. E. L. Cull, Christchurch, N.Z.
Electric-smelting-furnace.
No. 24191.—28th March.—J. Murphy, Auckland, N.Z.
Wheel for carts, &c.
No. 24192.—27th March.—T. M. Shepherd, Birkenhead, N.Z.
Destroying sorrel and other oxalic weeds.

- No. 24193.—31st March.—J. C. Dromgool, Tauranga, N. Z.
Separating cyanide solution from slimes, &c.
No. 24194.—27th March.—H. H. Hesketh, Auckland, N. Z.
Electric time-alarm and gas cut-off.
No. 24195.—31st March.—W. W. Pearce, Christchurch, N. Z.
Travelling-trunk.
No. 24196.—31st March.—M. Moore, Melbourne, Vic., and
T. J. Heskett, Brunswick, Vic.
Iron and steel manufacture.*

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 16th to the 30th March, 1908, inclusive:—

- No. 22834.—T. R. Hogg, plough-attachment.
No. 22881.—W. G. Richardson and M. H. Scott, drying New Zealand hemp.
No. 23052.—F. H. Jackson and R. Pierce, windmill.
No. 23061.—H. B. France, iron covering for buildings.
No. 23095.—H. H. Hesketh, electrical alarm.
No. 23148.—E. Frost, riding-saddle.
No. 23152.—A. E. Callow, staple.
No. 23157.—Manufacturers' Machine Company, channel flap layer. (W. H. Hooper.)
No. 23158.—Manufacturers' Machine Company, forming and driving metallic fasteners. (P. R. Glass.)
No. 23159.—Manufacturers' Machine Company, buffing-machine for boots and shoes. (J. E. Leavitt.)
No. 23160.—Manufacturers' Machine Company, stitch-impression finishing-machine. (J. J. Keys.)
No. 23956.—A. A. Stephenson, mixture for use with incandescent vapour light.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 1st April, 1908.

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. 22221.—20th December, 1906.—JOHN THOMAS KEANE, of View Street, Bendigo, Victoria, Australia, Barrister-at-law. An improved device for successively displaying mathematical tables and the like.*

Claims.—(1.) In a device for successively displaying mathematical tables, maps, and the like, consisting of a pair of horizontal rollers rotatably mounted within a casing, one or more openings in the front of the latter, a strip of flexible material attached at its respective ends to the rollers and containing on its surface the matter to be displayed, and spaces upon the face of the casing containing matter thereon with which the matter on the flexible strip is adapted to be placed in alignment, substantially as described. (2.) In a device of the kind described, a pair of horizontal rollers situate one above the other rotatably journaled within a casing, a plurality of openings in the front of the latter, and a plurality of bands of flexible material each attached at their respective ends to said rollers and containing on their surfaces the matter to be displayed, and spaces upon the face of the casing containing matter thereon with which the matter on the flexible bands is adapted to be placed in alignment, substantially as described. (3.) In a device of the kind described, a casing having openings on its front situate one above the other, a pair of rotatable horizontal rollers situate one above the other within said casing, a strip of flexible material attached at one end to the upper rollers, and passing thence behind the upper opening, thence around the lower roller and behind the lower opening, and secured to said lower roller, said material having the matter to be displayed on both of its surfaces, substantially as set forth. (4.) In a device for successively displaying mathematical tables and the like, a pair of either vertical or horizontal rollers, spur-wheels on said rollers, a stud on the frame between said rollers, an arm pivoted on said stud, a crank-handle mounted on one end of said arm, a pinion on the spindle of said handle, and means for securing the other end of said arm, substantially as set forth, and as illustrated.

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

No. 22593.—22nd March, 1907.—THOMAS REID CHRISTIE, of Dunedin, New Zealand, Plumber. Improvements in and relating to skylights.*

Claims.—(1.) A side or end piece for a galvanised-iron or sheet-metal skylight, characterized by the condensation-gutter being made integral with the flashing, the combing, and the seating for the glass, substantially as described. (2.) The manufacture of a dust-proof, watertight galvanised-iron or sheet-metal skylight having provision for carrying off internal condensation, substantially as described. (3.) The complete skylight, substantially as described.

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

No. 22706.—18th April, 1907.—GEORGE HUTCHINSON, of Warwick House, Christchurch, Canterbury, New Zealand, Inventor. Improvements in flat-plate seed-sowers.*

Claims.—(1.) In an arrangement of seed-sowers placed side by side, attaching all the seed-plates to one and the same reciprocating-rod, substantially as set forth. (2.) In a seed-sower of the type indicated in combination, a rod for operating a series of seed-plates, a bridge-piece, friction-rollers journaled thereon, a cam operated by the forward travel of the implement, and passing between said friction-rollers, substantially as and for the purpose set forth and illustrated. (3.) In a seed-sower of the type indicated, a cap having an integrally formed bridle, a brush fitting said bridle, and a screw for clamping it therein, substantially as and for the purpose set forth and illustrated. (4.) A seed-sower comprising a base having a slotted hole through which seeds may pass, a cap upon the base, chambers in the cap, brushes secured to the cap, a hinged flap above the chambers, a seed-plate slidable between the cap and the base, and means for reciprocating the seed-plate, substantially as set forth. (5.) In a seed-sower of the type indicated, a base, a cap thereon, chambers in the cap, brushes secured to the cap, a seed-plate slidable between the cap and the base, the seed passing through holes in the plate and over the edges of the base, and means for reciprocating said seed-plate, substantially as and for the purpose set forth and illustrated. (6.) In a seed-sower of the nature indicated, a channel in the base, a rod slidable in the channel and attached to the seed-plate, and means for reciprocating the rod, substantially as set forth. (7.) In a seed-sower of the nature indicated, the employment of a seed-plate having a groove, and a row of holes at the bottom of the groove and through the plate, substantially as set forth. (8.) In a seed-sower of the nature indicated, the employment of a seed-plate having grooves separated by a ridge or ridges, and holes at the bottom of the groove and through the plate, substantially as set forth. (9.) In a seed-sower of the nature indicated, the employment of a seed-plate having a row of seed-holes, the ultimate space at each end of the row being greater than the spaces between the other holes, substantially as set forth. (10.) In a seed-sower of the nature indicated, wherein a plate having increased ultimate spaces is employed, the employment of a cam for reciprocating the seed-plates, the pitch of the said cam being increased at each extremity of its throw, substantially as set forth. (11.) In a seed-sower, the means for connecting the reciprocating seed-plates to the operating-rod, substantially as set forth, and illustrated in the drawings, Figs. 7, 8, and 9. (12.) In a seed-sower, the means for connecting the reciprocating seed-plates to the operating-rod, substantially as set forth, and illustrated in Fig. 10 of the drawing. (13.) In a seed-sower of the type indicated, a series of seed-plates, and a cam for reciprocating said seed-plates, the cam being operated by suitable means actuated by the travel of the implement, substantially as set forth and illustrated.

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

No. 22710.—18th April, 1907.—JOHN GEORGE HUDSON, of Wanganui, Wellington, New Zealand, Gentleman (the assignee of William McKeegan, of Wellington, New Zealand, Engineer). Improvements relating to railway-signalling.*

Claims.—(1.) For the purpose indicated, in combination, means for raising a semaphore-arm pivoted upon a signal-post, and simultaneously releasing a weight by which a train of wheels is set in motion and an alarm-bell sounded, substantially as specified and illustrated. (2.) In means for actuating a semaphore-arm, a bell-crank lever, and a rod connecting one arm of set bell-crank lever with the tail-piece

of a semaphore-arm, the lower part of said rod having spiral springs located one upon each side of the point of connection of said rod with the bell-crank lever, substantially as specified. (3.) In apparatus for the purpose indicated, in combination, the alarm-bell mechanism comprising a weight carrying a bar having rack-teeth engaging with a pinion connected to one part of the clutch whereby said weight may be raised freely without interfering with the alarm mechanism, a train of spur-wheels and pinions connecting said clutch with a ratchet-wheel, and means whereby said ratchet-wheel operates the hammer of a bell, substantially as specified, and illustrated in the drawings. (4.) Means in signalling consisting of the parts constructed, arranged, and operating substantially as specified, and illustrated in the drawings.

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

No. 22869.—22nd May, 1907.—GEORGE PERCY JENKINS, of Ayr, Queensland, Australia, Factory-manager. Improvements in means for cooling brine for dairy or other purposes.*

Claims.—(1.) In improvements in means for cooling brine, a header, with blind pipes extending downwards therefrom containing ammonia or other refrigerant, and in communication with the ammonia-circulation of the refrigerating plant, and provided with gauge-glass as described, and as illustrated in the drawing. (2.) Improvements in means for cooling brine, consisting of a header with blind pipes extending downwards therefrom containing ammonia or other refrigerant, and in communication with the ammonia-circulation of the refrigerating plant, and provided with a gauge-glass in combination with brine-carrying pipes enclosing and attached to such downwardly extending pipes as and for the purposes set forth, and as illustrated in the drawing.

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

No. 22914.—29th May, 1907.—J. B. MACEWAN AND CO., LIMITED, a company duly incorporated under the Companies Act of New Zealand, and carrying on business at Customhouse Quay, Wellington, New Zealand, Merchants (the assignees of Thomas Humble, of Geelong, Victoria, Australia, Engineer). Improved combined cream-vat, cold-water tank, and cool-chamber.*

Claims.—(1.) For the purpose indicated, a tank divided by a partition into two compartments, one compartment containing water and the other forming a cool-chamber, a cream-vat dipping into the water, a removable lid closing the top of the cream-vat, a door in the cool-chamber, a pipe coil located between the lid of the tank and the ceiling of the cool-chamber, the said coil extending into the water in the other compartment, and a cooling or freezing medium circulating through the coil, substantially as set forth. (2.) The combination and arrangement of parts comprising the combined cream-vat, cold-water tank, and cool-chamber, substantially as and for the purposes set forth.

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

No. 22954.—6th June, 1907.—EUSTACE JULIAN KEOGH, of 209 Toorak Road, South Yarra, Victoria, Australia, Surgeon (the nominee of Frederick John Corbett, of 95 Hope Street, South Yarra, Melbourne, Victoria, Australia). An improved system and apparatus for cleansing carpets, floors, walls, ceilings, and like fittings.*

Extract from Specification.—In this system I employ the force or power derived from any suitable water-service or source to exhaust air by any approved means, in such a manner as to produce a vacuum or partial vacuum, as may be required, for cleansing carpets, curtains, floors, walls, ceilings, furniture, and other like fittings, from dust and dirt. A vacuum may be produced by water-power in various ways, but although in this system I prefer to use an aspirator or ejector, I do not confine myself to any particular method of producing a vacuum or partial vacuum by means of water under pressure.

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

(Specification, 7s. 6d. ; drawing, 1s.)

No. 23050.—26th June, 1907.—JAMES LESLIE CAMPBELL, of Roebuck Street, West Adelaide, South Australia, Australia, Machinist. An improved machine for moulding plastic material.*

Claims.—(1.) A machine for moulding damp sand into cores, comprising a tubular body or "former" of uniform cross-section throughout its length, but having a feed-hopper over an opening in its upper portion, a reciprocable plunger provided with a vent-forming spike and movable within said tubular body, and means for operating said plunger, all mounted upon a suitable bed, substantially as described. (2.) A machine for moulding damp sand into cores, comprising, in combination with a suitable bed, (a) a tubular body or "former" secured to the bed, and having an internal cross-section uniform throughout its length, and of shape of the required length of core, and having a feed hopper over an opening in its upper portion; (b) a reciprocable plunger within said tubular body, and having upon its forward or operative end a vent-forming spike; (c) means for operating said plunger, consisting preferably of a rack-bar attached to said plunger, and slidable in a guide-way in the bed, and engaged by a toothed sector or quadrant pivoted upon the bed, and provided with a handle, all substantially as described.

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

No. 23060.—27th June, 1907.—UNITED SHOE MACHINERY COMPANY, of Paterson, State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (the assignees of William Amber Read, of Chelsea, Suffolk, Massachusetts, United States of America, Machinist). Improvements in or relating to abrading-devices.*

Extract from Specification.—The device shown and described comprises a plurality of cover-supporting sections between co-operating faces of which the two ends of a cover are clamped. In order to reduce as far as possible the manipulation of the parts required in renewing the covers, it has been proposed to provide sectional devices of this type, with means for locking the sections in closed position, the means being so constructed as to be brought mechanically into operation by the relative approaching movement of the sections in closing them upon the ends of the cover. It is believed, however, that none of the devices of this type heretofore produced have become of general use, and it is a further object of this invention to provide a practical device adapted to have this mode of operation. To the end that in a device of this type the sections may be held securely in closed position against the centrifugal force exerted upon them in the rapid rotation of the device, and in order that the cover may be retained securely in working position, an embodiment of the present invention comprises the provision, in a rotary device having a plurality of relatively-movable cover-supporting sections arranged to receive between them the two ends of a cover, of means for relatively moving said sections to exert pressure upon the ends of the cover, the means being arranged so as to be actuated by the rotation of the device. The arrangement is such that liability of the sections moving apart when the device is rotating is prevented, and furthermore an effective grip of the sections upon the ends of the cover is insured during the rotation of the device. Even if the sections have not been closed tightly upon the ends of the cover by the operator, they will be brought into this relation to the cover by the movement of the device. The construction described comprises a sectional wheel having a locking-member pivotally mounted upon one of the sections, and arranged for movement toward and from the periphery of the wheel in a plane transverse to the axis of the wheel. The other section is provided with a co-operating part, arranged to be engaged by the locking-member to hold the sections from movement which would separate them from each other. The locking-member is mounted so that when the sections are closed upon the ends of the cover by the operator it will be moved mechanically into engagement with said part, and during the rotation of the wheel the locking-device will be acted upon centrifugally so as to force it into effective relationship thereto. The contracting surfaces of the locking-member and said co-operating part are so arranged that outward movement of the locking-member toward the periphery of the wheel is accompanied by relative approaching movement of the sections.

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

(Specification, 9s. 6d. ; drawing, 1s.)

No. 23397.—31st August, 1907.—**DAVID AMOS**, Motorman, and **ALICE MAUD CARROLL**, Married Woman, both of Wellington, New Zealand. An improved hanger for the overhead wires of electric tramways.*

Claims.—(1.) In hangers for carrying the overhead wires of electric tramways, a guard-plate extending across the space between the ear of such hanger and the arm of the hanger on both or either sides thereof, substantially for the purposes specified. (2.) In hangers for carrying the overhead wires of electric tramways, a guard-plate extending across the space between the ear of such hanger and the arm of the hanger on both or either sides thereof, such plate being formed with a forward edge inclining outwardly and rearwardly towards the hanger-arm, substantially as and for the purposes specified. (3.) In hangers for carrying the overhead wires of electric tramways, the combination with the ear constituting a portion of such hanger, of a plate formed integrally with the ear, and extending horizontally and outwardly from either or both of the sides thereof and across the space or spaces between such ear and the corresponding arms of the hanger, substantially as and for the purpose specified. (4.) In hangers for carrying the overhead wires of electric tramways, the combination with the ear constituting a portion of such hanger, of a guard-plate secured above the ear, and extending horizontally and outwardly on either or both sides of such ear and across the space or spaces between it and the corresponding arms of the hanger, substantially as and for the purposes specified. (5.) The improvements in or relating to the hangers for the overhead wires of electric tramways, substantially as described and explained, and as illustrated in Figs. 1 and 2 of the drawings. (6.) The improvements in or relating to the hangers for the overhead wires of electric tramways, substantially as described and explained, and as illustrated in Fig. 3 of the drawings.

(Specification, 4s. 9d. ; drawing, 1s.)

No. 23770.—25th November, 1907.—**ALEXANDER SMALL**, Jun., of Dunedin, New Zealand, Dairy-farmer. Improved milking machinery.

Claims.—(1.) In milking machinery, in combination, the apparatus for producing a continuous vacuum, exhausting a can for obtaining milk from an animal's teats, with an intermittent vacuum motion for imitating a sucking animal's motions on said teats, all substantially as shown on the drawing and as described and as explained. (2.) In milking machinery, in combination, a pulsator alternately opening a tube to a vacuum and the air for pulsating an animal's teats while milking same, worked by a wire rope moving reciprocally and kept taut by weight with vacuum for drawing the milk to a can, substantially as set forth. (3.) In milking machinery, in combination, the arrangement of tubes and cross-tubes for pulsating through the upper and drawing milk through the lower ones from the animal by the apparatus as set forth, substantially as shown. (4.) In milking machinery, in combination, a plain rubber tube bent over the sheath at top, covered with a cap, and going between cover and sheath at bottom, all so as to be easily removed for cleaning and also easily replaced, the said rubber lining capable of being pulsated to imitate the action of a sucking animal by the intermittent make and break of vacuum which enters outside the said lining and between it and the said sheath, all substantially as illustrated in the drawing, and as described and as explained. (5.) The special form of the pulsator worked by power and alternately connecting a tube containing air, with a vacuum and with the outer atmosphere, thus giving a pulsating movement on an animal's teats, all substantially as set forth.

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

No. 23809.—11th December, 1907.—**HANS PETER MORTENSEN** and **NIELS PETER NIELSEN**, of Palmerston North, Wellington, New Zealand, Dairy-factory Proprietors. Apparatus for liquefying froth on the surface of separated milk.

Claims.—(1.) Apparatus for the purpose indicated, comprising in combination with a milk-vat of a casing adapted to be mounted upon said vat and a fan revolvably mounted within said casing, substantially as and for the purposes set forth. (2.) The combination and arrangement of parts comprising apparatus for the purpose of liquefying froth on

the surface of separated milk, constructed, arranged, combined, and operating substantially as and for the purpose set forth, and illustrated in the drawings.

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

No. 23871.—30th December, 1907.—**JOSEPH FORD**, of 51 St. Andrew Street, Dunedin, Otago, New Zealand, Hairdresser. Improvements in convertible perambulators.

Claims.—(1.) In a convertible perambulator, the combination with a body of slotted and notched metal angles secured to the said body, and hand-shafts having a crossbar and rod adapted to fit the slots and notches of the angles, substantially as set forth. (2.) In a perambulator, the combination with a body of metal angles secured to said body, a baby-chair adapted to be carried upon the angles, and hooks upon the bottom of the chair fitting into holes in the angles, substantially as set forth. (3.) In a perambulator, the combination with a body and baby-chair of metal angles supporting the said body and chair, a foldable boot hinged to the body, and battens upon the chair supporting the boot when folded, substantially as set forth. (4.) The combination with a perambulator body of metal angles secured to the said body, a baby-chair secured to the said angles, standards to which the body and chair are suspended, a spreader keeping the standards at proper distances apart, and tie-rods uniting the standards together, substantially as set forth. (5.) The combination with a baby-chair of a perambulator, of standards having pins at their upper ends adapted to pass into holes in the bottom of the said baby-chair, a framelike spreader having recessed corners to fit against the standards, tie-rods attached at one end to the standards, a plate to which the other ends of the tie-rods are attached, a hook-bolt passing through the plate and attached to the baby-chair, and a thumb-nut on the hook-bolt and below the plate, substantially as set forth. (6.) In a perambulator, in combination with handshafts, of a pair of springs at the rear of the vehicle, another pair of springs at the front of the vehicle, a pair of wheels attached to each pair of springs, the said springs being attached at one end to the shafts, a pair of stay-bars depending from the shafts, shackles secured to the stay-bars and to which the other ends of the springs are attached, substantially as set forth.

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

No. 23898.—4th January, 1908.—**TOM THURLEY COLE**, of Musselburg, Dunedin, New Zealand, Builder. Improved fire-escape-door bolts.

Claims.—(1.) In securing emergency doors so that they can be easily and quickly opened by a crowd, the special form of bolts set forth that are withdrawn by merely pressing up against the handle, which action withdraws the bolts, all substantially as set forth, and as illustrated in the drawing. (2.) In securing doors to be opened from one side only, in combination, a door as set forth arranged so that it is opened from one side by pressure on the handle, with bolts so connected with the said handle that they are withdrawn by the said pressure, all substantially as set forth, and as illustrated in the drawing.

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

No. 23920.—14th January, 1908.—**THOMAS CALDWELL SMILEY**, of Imperial Buildings, corner High and Dowling Streets, Dunedin, New Zealand, Wheelwright. Improvements in apparatus for adjusting light-vehicle seats.

Claims.—(1.) The general construction, arrangement, and combination of parts composing my "improvements in apparatus for adjusting light-vehicle seats," all substantially as and for the purpose set forth with reference to the drawings. (2.) In an apparatus for shifting the seat of a light vehicle, consisting of a spindle mounted on the body of the vehicle, a connecting-link pivotally secured to a lever on the said spindle and to a vertical lever, a fulcrum secured to the lower rail of the frame of the body of the vehicle, a vertical lever pivotally connected to the fulcrum, a connecting-link pivotally connected to the vertical lever and to a bracket secured to the seat of a vehicle.

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

No. 23983.—4th February, 1908.—FRANCIS WILLIAM PAYNE, of Dunedin, New Zealand, Consulting Engineer. Improvements in apparatus for obtaining power from running water, and in transmission of same.

Claims.—(1.) In an apparatus for obtaining power from running water, in combination, a floating pontoon carrying screws or submerger motor mounted on a shaft which is continued as a flexible shaft, with a fixed machine, all substantially as shown in the drawing, and as described and as explained. (2.) A moored pontoon carrying submerged screws on a shaft which is connected longitudinally with a flexible shaft which drives a machine through a universal joint, all substantially as set forth and for the purposes indicated. (3.) The combination of a mooring and revolving line for taking power from a running stream and driving fixed machinery, all substantially as set forth.

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

No. 24021.—19th February, 1908.—LUIGI DE MATTEI, of 45 Corso Vercelli, Turin, Italy, Manufacturer (the assignee of Luigi Perocchio, of 45 Corso Vercelli, Turin, aforesaid, Engineer). Improvements in system of feeding current in electric railways.

Claims.—(1.) A system of feeding the current to electric lines consisting in setting along the train a conductor connected with the motors of the motor car, and destined to come into contact with overhead contact-pieces which are placed along the line at intervals between each other not longer than the length of the train. (2.) A system of feeding the current to electric lines consisting in fitting the roof of every carriage with a conducting-plate destined to come into contact with overhead contact pieces which are placed along the line at intervals between each other not longer than the length of the train, and in connecting said conducting-plates one to the other and with the motors of the motor car, substantially as described. (3.) In a system of feeding current on electric lines, contact-pieces borne by two arms placed in parallel position with the line, substantially as described. (4.) In a system of feeding current on electric lines, contact-pieces borne by the ends of two arms placed in parallel position with the line, which contact-pieces are constituted by contact rollers, substantially as described. (5.) In a system of feeding monophasic current to electric lines without return through the rails, contact-pieces constituted by two arms placed in parallel position with the line, each of which bears at its end two contact rollers insulated from each other, and destined to come into contact with two conducting-plates insulated from each other and fitted on the carriages of the train.

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

No. 24028.—18th February, 1908.—RICHARD FRANCIS MARSH, of East Maitland, New South Wales, Australia, Manufacturer. An improved spring mattress.

Claims.—(1.) In spring mattresses, longitudinal slats which rest upon the end members of the mattress-frame, such slats being wider in the centre than at the ends, and tapering each way towards the ends as specified. (2.) In spring mattresses, a frame the end and side members of which are cemented together by a vermin-proof cement or other suitable cement-like substance and then secured by bolts and nuts, recesses in the end members of the frame, longitudinal slats of strong flexible wood wide in the centre and tapering towards the ends which are adapted to lie in the recesses in the end members of the mattress-frame, as set forth. (3.) In spring mattresses, a frame the end and side members of which are cemented together by a vermin-proof cement and then secured by bolts and nuts, transverse battens underlying the side members of the frame and secured thereto by vermin-proof cement and screws, recesses on the undersides of the battens whereby the latter shall be adapted to lie within the side members of the bedstead-frame, recesses in the end members of the mattress-frame, and longitudinal slats of strong flexible wood the ends of which will lie in the recesses in the end members of the mattress-frame, as specified. (4.) A spring mattress such as that set forth in claim 3, all the joints and bored holes in the fixed parts of the frame being packed with white-lead or other cement-like substance, and the whole of the parts then painted with a hard white enamel paint or similar substance, as and for the purposes specified. (5.) The general arrangement, construction, and combination of parts in the improved spring mattress as described, and for the purposes specified.

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

No. 24029.—17th February, 1908.—ERNEST HENRY MOORE, Sailmaker, and JOHN FISHER CRIPPS, Hotelkeeper, both of Royal Hotel, Tamworth, New South Wales, Australia. Improved mode of and appliances for securing clothing-rugs upon horses and other animals.

Claims.—(1.) In clothing-rugs for horses and other animals, a breastplate such as E on each side, a flank-plate such as F on each side, eyelet-holes in the plates on the sides of the rug in combination with a rope on each side of the rug of more than double the side length of the rug, and snap-hooks and rings for securing the parts together in the manner specified. (2.) In clothing-rugs for horses and other animals, in combination with the rug, two side ropes of more than double the length of the side of the rug, eyelets through which the ropes can pass, and the necessary rings and snap-hooks for securing the parts together in the manner and for the purposes set forth. (3.) The improved mode of securing clothing-rugs upon horses and other animals as set forth. (4.) The general arrangement, construction, and combination of parts in the appliances for securing clothing-rugs upon horses and other animals, as and for the purposes specified.

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

No. 24087.—4th March, 1908.—RICHARD ADDISON MARTIN, of Avenue Road, Hastings, Hawke's Bay, New Zealand. Improvements in and relating to clothes-lines.

Claims.—(1.) For the purpose indicated, in combination with a main post and an attached winch, of supplementary and terminal posts, pulleys and screw-eyes attached to the posts, a hook upon the end of the winch-line, clothes-lines starting from the main post and passing over the pulleys, hooks upon the ends of the clothes-lines, and stops upon the clothes-lines, substantially as set forth. (2.) The employment of a plurality of clothes-lines starting from a main post and each line adapted to be drawn taut by a single winch located at the main post, substantially as set forth. (3.) The combination and arrangement of parts comprising the improvements in and relating to clothes-lines, substantially as and for the purpose set forth, and illustrated in the drawing.

(Specification, 3s. 6d.; 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 specifications appear at the end of this *Gazette*.

J. C. LEWIS,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 1st April, 1908.

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

- No. 23251.—J. Jolly, clothes-peg.
- No. 23645.—E. M. Molyneux, tie-holder, &c.
- No. 23926.—D. Garner-Jones, folding-chair.
- No. 24001.—H. W. Sherlock, boot-last.
- No. 24048.—V. S. Aston, bleaching flax-fibre.
- No. 24051.—J. G. Hudson, J. W. Mardon, and J. E. Watts, ferro-concrete construction.
- No. 24066.—R. Tacon, spark-arrester.
- No. 24072.—A. Simpson, bicycle driving-gear.
- No. 24073.—H. Quartier, seat, &c., indicator.
- No. 24074.—B. L. Donne and P. H. Stacey, dust collecting and removing. (C. L. Russell.)
- No. 24075.—G. T. Girdler, explosive engine and air-pump.
- No. 24076.—J. Hargreaves, ventilator.
- No. 24078.—C. Angus, contact means for electrical circuit.
- No. 24083.—United Shoe Machinery Company, press. (C. Bennion.)
- No. 24085.—I. A. Smith, back-rest for invalids.
- No. 24089.—R. Millis, gold-saving apparatus.
- No. 24090.—W. Lizzani, washboard.
- No. 24102.—M. and E. A. Brown and W. P. Rough, anti-rattler for window.

[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 13th to the 27th March, 1908, inclusive:—

- No. 21975.—H. G. Kettle, teat-cup.
 No. 22175.—A. Waltho, bottle-stopper, &c.
 No. 22188.—J. Layfield and A. V. Crisp, cement building-block.
 No. 22198.—R. J. Turnbull, rotary shaking-table.
 No. 22207.—A. McLean, wheel.
 No. 22268.—H. S. Griffiths, axe-head.
 No. 23616.—M. Wannenmaeher, rolling butter.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- N**O. 17681.—The Sweepall Broom Company, Limited, broom. (S. G. Roseman.) 18th March, 1908.
 No. 17707.—G. T. Adam, securing breeching-straps to vehicle-shafts. 26th March, 1908.
 No. 17715.—A. Mole, hanging window-sashes. 18th March, 1908.
 No. 17721.—A. J. L. Eckersley, controlling high-pressure soda-water reservoir. 18th March, 1908.
 No. 17867.—N. Ceipek, explosive compound. 25th March, 1908.

THIRD-TERM FEES.

- No. 13508.—O. C. Beale and C. J. Vader, wrest-pin for pianos, &c. 26th March, 1908.

Subsequent Proprietors of Letters Patent registered.

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

- N**O. 22180.—Horace J. Weeks, Limited, a company duly incorporated under the Companies Acts of New Zealand, carrying on business at Christchurch, in the Dominion of New Zealand, Printers. Paper-bag machine. (W. Fricker.) 23rd March, 1908.
 No. 22525.—J. B. Colt Company, a corporation organized and existing under the laws of the State of New Jersey, United States of America, and having a place of business at 21 Barclay Street, in the City of New York, State of New York, United States of America. Acetylene-generator. (N. Goodyear.) 27th March, 1908.
 No. 22576.—Richard Johnson Clapham and Morris, Limited, of 26–28, Lever Street, Manchester, England, Manufacturers. Reinforcing concrete floors. (A. Hankinson.) 27th March, 1908.
 No. 23527.—Morgan and Company, Limited, a duly incorporated private company under the provisions of "The Companies Act, 1903," carrying on business at Dannevirke and elsewhere in the Dominion of New Zealand as Ironmongers and Plumbers, registered as proprietors for the North Island of the Dominion of New Zealand. Acetylene-generator. (G. L. Burton.) 27th March, 1908.

Applications for Letters Patent withdrawn.

THE following applications for Letters Patent have been withdrawn:—

- No. 21884.—W. M. Norrie, acetylene gas generator. (Advertised in Supplement to *New Zealand Gazette*, No. 88, of the 3rd October, 1907.)
 No. 22815.—J. H. Hutchinson, bed of lathe, &c. (Advertised in Supplement to *New Zealand Gazette*, No. 65, of the 25th July, 1907.)

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 19th March to the 1st April, 1908, inclusive:—

- No. 22854.—H. Hamilton, horse-cover.
 No. 22856.—A. W. Smith, tire.
 No. 22859.—G. E. Spooner, vehicle-shaft coupling.
 No. 22861.—W. W. Pearce, travelling-trunk.
 No. 22863.—R. Murray, water-tap.
 No. 22968.—S. C. Lee, N. A. Morkill, and Checkogram Limited, counting and registering apparatus.
 No. 22871.—F. W. Ison, animal-feed slicer.
 No. 22872.—W. Tyree, concrete building.
 No. 22876.—G. Clark, wall-construction.
 No. 22877.—W. H. Carter, jun., pin.
 No. 22879.—A. Cometti, potato-harvester.

- No. 22891.—J. Walden, bale heat-detector.
 No. 22892.—W. Sim, milking-machinery.
 No. 22893.—W. Hamer, portable boiler.
 No. 22894.—G. W. Batcheler and A. Teofsky, stump-extractor.
 No. 22896.—M. Moloney, telephone transmitter.
 No. 22897.—P. E. and A. G. Reid and J. G. Kosseck, drain rat-stop.
 No. 22898.—E. H. Smith, garment-stretcher.
 No. 22900.—J. T. Benfell, embrocation.
 No. 22903.—G. Parrish, telegraph-wire insulator.
 No. 22905.—J. C. and O. H. Drewet, indiarubber concrete.
 No. 22908.—F. W. Munt, stamp-affixing machine.
 No. 22910.—J. Macdonald, oil-engine.
 No. 22913.—W. Maud, draught-excluder.
 No. 22917.—C. Colpus, trolley-pole.
 No. 22924.—H. N. Bell, soldering cans, &c.
 No. 22933.—J. C. C. Pearson, sleeper.
 No. 22934.—W. M. H. M. Peacock, internal-combustion engine.
 No. 22936.—A. V. Davis, electrical retoucher.
 No. 22946.—C. L. Russell, removing dust from floors.

Applications for Letters Patent void.

APPPLICATIONS for Letters Patent, with which complete specifications have been lodged, void owing to non-acceptance of such complete specifications, from the 19th March to the 1st April, 1908, inclusive:—

- No. 22244.—R. O. Clark, earthenware-pipe connections.
 No. 22256.—G. Drummond, artificial minnow.

Applications for Letters Patent lapsed.

APPPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 19th March to the 1st April, 1908, inclusive:—

- No. 21815.—C. G. Dickeson, blackboard-frame.
 No. 21822.—R. Hannah and Co., Limited, boot-upper. (H. Chambers.)
 No. 21827.—T. J. Wathew, bath water-heater.
 No. 21844.—J. Anderson, milk-pasteurizer.
 No. 21849.—J. H. Hickman and J. Whitelaw, show-case.
 No. 21850.—J. H. Hickman and J. Whitelaw, show-case.
 No. 21869.—W. E. Cayley-Alexander, treating sulphide ores.

Application for Letters Patent refused.

THE following application for Letters Patent has been refused:—

- No. 23544.—R. F. Moore, ferro-concrete bollard. (Advertised in Supplement to *New Zealand Gazette*, No. 102, of the 28th November, 1907.)

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 19th March to the 1st April, 1908, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 17400.—T. Smith, diamond-drill.
 No. 17401.—W. Aggers, cushioned furniture.
 No. 17413.—C. Thomson, colouring finished photographs, &c.

- No. 17414.—A. Lotz, pneumatic carpet-renovator.
 No. 17420.—G. H. Dunlop, excavating-machinery, &c.
 No. 17423.—A. W. Boon, cycle-mechanism.
 No. 17424.—The British Westinghouse Electric and Manufacturing Company, Limited, fluid-pressure turbine. (W. E. Hughes—C. Regenbogen.)
 No. 17426.—J. A. Winten, race-starting machine.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

Nil.

THROUGH EXPIRY OF TERM.

Nil.

Design registered.

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

- No. 379.—William Jaumard Le Cren and James Bain Laursen, trading as "The Crown Ironworks Company," both of Christchurch, in the Dominion of New Zealand. Class 4. 18th March, 1908.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 1st April, 1908.

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 : 7206.
Date : 3rd March, 1908.

TRADE MARK.



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

NAME.

BING, HARRIS, AND Co., LIMITED, of High Street, Dunedin, in the Dominion of New Zealand, Merchants.

No. of class : 38.
Description of goods : All articles included in this class.

[NOTE.—Class 38 is for "Articles of clothing," such as hats of all kinds, caps and bonnets, hosiery, gloves, boots and shoes, and other ready-made clothing.]

No. of application : 7209.
Date : 7th March, 1908.

TRADE MARK.



The essential particulars of the trade mark are as follows—the words "C. P. a La Sirene," and the combination of devices; and any right to the exclusive use of the added matter is disclaimed.

B

NAME.

ETABLISSEMENTS FARCY & OPPENHEIM (Societe Anonyme), established, of 13 Rue des Petits-Hotels, Paris, France, Corsets-manufacturers.

No. of class : 38.
Description of goods : Corsets.

No. of application : 7214.
Date : 16th March, 1908.

TRADE MARK.

The word "VERIBEZT."

NAME.

BRAY BROS., of Wellington, in the Dominion of New Zealand, Dairy-produce Brokers.

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

No. of application : 7216.
Date : 18th March, 1908.

TRADE MARK.

The word "COMANGA."

NAME.

EDWARD ALBERT PICKERING, of 22 Basinghall Street, London, E.C., England, Merchant.

No. of class : 3.
Description of goods : Chemical substances prepared for use in medicine and pharmacy.

No. of application : 7220.
Date : 25th March, 1908.

TRADE MARK.



The essential particulars of the trade mark are the word "Penberthy" and the hour-glass device; and any right to the exclusive use of the added matter is disclaimed.

NAME.

PENBERTHY INJECTOR COMPANY, a corporation, of 360 Holden Avenue, in the City of Detroit, County of Wayne, and State of Michigan, United States of America, Manufacturers.

No. of class : 6.
Description of goods : Injectors.

No. of application : 7221.

Date : 25th March, 1908.

TRADE MARK.

The word

BIVO

NAME.

HENRY SOLOMON WELLCOME, trading as "Burroughs, Wellcome, and Co.," of Snow Hill Buildings, London, E.C., England, Manufacturing Chemist.

No. of class : 3.

Description of goods : Chemical substances prepared for use in medicine and pharmacy.

No. of application : 7222.

Date : 25th March, 1908.

TRADE MARK.

The word

"PERZINA."

NAME.

HUGO WERTHEIM, of 171-173 William Street, Melbourne, Victoria, Australia, Merchant.

No. of class : 9.

Description of goods : Pianos and other musical instruments.

No. of application : 7223.

Date : 25th March, 1908.

TRADE MARK.

The word

MOSEAM

NAME.

DAVID MOSELEY AND SONS, LIMITED, of the Chapelfield Works, Ardwick, Manchester, in the County of Lancaster, England, Indiarubber-manufacturers.

No. of class : 40.

Description of goods : Indiarubber and gutta-percha goods included in this class.

No. of application : 7224.

Date : 25th March, 1908.

TRADE MARK.

The word

NEPTUNE

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 5.

Description of goods : Iron, steel, and copper ingots, sheets, bars, rods, tubes; wire for fencing, telegraphic, and other purposes; lead and zinc ingots, sheets, and tubes, and goods of a like kind; iron, brass, and copper castings.

No. of application : 7225.

Date : 25th March, 1908.

TRADE MARK.

(The mark as shown in preceding notice, No. 7224.)

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 13.

Description of goods : Wire rope, wire netting, barbed wire, wire fencing, wire sieves, and articles of wire gauze not included in other classes; chains and tacks; tires for wagons and carriages; electric glow-lamps.

No. of application : 7226.

Date : 25th March, 1908.

TRADE MARK.



NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 5.

Description of goods : Iron, steel, and copper ingots, sheets, bars, rods, tubes; wire for fencing, telegraphic, and other purposes; lead and zinc ingots, sheets, and tubes, and goods of a like kind; iron, brass, and copper castings.

No. of application : 7227.

Date : 25th March, 1908.

TRADE MARK.

(The mark as shown in preceding notice, No. 7226.)

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 6.

Description of goods : Steam and electric generators; air, electric, oil, steam, and hydraulic motors, locomotives, pumps, turbines, cranes, elevators, air-compressors, lifts, fans, ventilators, steering-engines, ropeways, and machinery of all kinds and parts of machinery, except agricultural and horticultural machines included in Class 7.

No. of application : 7229.
Date : 25th March, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7226.)

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 8.

Description of goods : Telegraph and other electric cables, conductors, and accessories so far as pertaining to this class; apparatus and instruments for telegraphy, telephony, and signalling; electric furnaces, electric arc-lamps, accumulators, galvanic batteries (not for medical purposes).

No. of application : 7230.
Date : 25th March, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7226.)

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 13.

Description of goods : Wire rope, wire netting, barbed wire, wire fencing, wire sieves, and articles of wire gauze not included in other classes; chains and tacks; tires for wagons and carriages; electric glow-lamps.

No. of application : 7231.
Date : 25th March, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7226.)

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 18.

Description of goods : Engineering, architectural, and building contrivances.

No. of application : 7232.
Date : 25th March, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7226.)

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 21.

Description of goods : Naval architectural contrivances and naval equipments not included in Classes 19 and 20.

No. of application : 7234.
Date : 25th March, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7226.)

NAME.

FELTEN & GUILLEAUME LAHMEYERWERKE ACTIEN-GESELLSCHAFT, of Schauenstrasse, No. 24, Mülheim-am-Rhein, in the German Empire, Cable-manufacturers.

No. of class : 40.

Description of goods : Goods manufactured from india-rubber or gutta-percha, not included in other classes, india-rubber and gutta-percha covered wire.

No. of application : 7236.
Date : 26th March, 1908.

TRADE MARK.

The word

“BOSCAR.”

NAME.

THOMAS NORMAN BROCAS, of Opotiki, Bay of Plenty, in the Provincial District of Auckland, in the Dominion of New Zealand, Farmer.

No. of class : 50.

Description of goods : Dubbin.

No. of application : 7237.
Date : 26th March, 1908.

TRADE MARK.

The word

“WHYPA.”

NAME.

ALFRED HYDE, of Te Awamutu, Auckland, in the Dominion of New Zealand, Aerated-water Manufacturer.

No. of class : 44.

Description of goods : Unfermented beverages, “Punch,” &c.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 20th March to the 1st April, 1908, inclusive :—
No. 5552/7036. — Murray, Roberts, and Co. Class 2. (*Gazette* No. 2, of the 9th January, 1908.)
No. 5553/6860. — St. J. Harmsworth. Class 44. (*Gazette* No. 75, of the 22nd August, 1907.)
No. 5554/6997. — Meux's Brewery Company, Limited. Class 43. (*Gazette* No. 98, of the 14th November, 1907.)
No. 5555/6998. — De Roubaix Oedenkoven and Company. Class 47. (*Gazette* No. 98, of the 14th November, 1907.)
No. 5556/6999. — De Roubaix Oedenkoven and Company. Class 47. (*Gazette* No. 98, of the 14th November, 1907.)

No. 5557/7018.—[Aktieselskabet Bakteriologisk Laboratorium Ratin. Class 2. (*Gazette* No. 102, of the 28th November, 1907.)

No. 5558/7030.—The Lincoln and Midland Counties Drug Company. Class 3. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5559/7077.—A. Levy. Class 45. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5560/7078.—A. Levy. Class 45. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5561/6550.—W. A. Grieve. Class 42. (*Gazette* No. 36, of the 18th April, 1907.)

No. 5562/6688.—C. L. Russell. Class 2. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5563/6805.—F. H. Taylor. Class 42. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5564/6846.—D. Brown and Son, Limited. Class 48. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5565/7057.—G. Davies. Class 38. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5566/7064.—Konomax Rock Drill Syndicate, Limited. Class 6. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5567/7070.—G. Trapnell. Class 42. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5568/7080.—L. J. Brooks. Class 18. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5569/6946.—Whangarei Co-operative Dairy Company, Limited. Class 42. (*Gazette* No. 102, of the 28th November, 1907.)

No. 5570/7072.—Lever Bros., Limited. Class 47. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5571/7073.—Lever Bros., Limited. Class 48. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5572/7074.—Lever Bros., Limited. Class 47. (*Gazette* No. 2, of the 9th January, 1908.)

No. 5573/7075.—Lever Bros., Limited. Class 48. (*Gazette* No. 2, of the 9th January, 1908.)

Trade Mark Renewal Fees paid.

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

Nos. 1086/1048 and 1087/1049.—19th March, 1908.—T. and J. M. Carlyle, of Birmingham, England. 18th March, 1908.

Subsequent Proprietors of Trade Marks registered.

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

NOS. 5470/4528, 5471/4312, and 5927/4738.—John S. Brown and Sons, Limited, of 14 Dublin Road, Belfast, Ireland, Linen-manufacturers. [G. H. Brown.] 23rd March, 1908.

No. 6690/5520.—Horton's Magic Cleanser Company, Limited, a company duly incorporated under "The Companies Act, 1903," having its registered office situate in Wellington, in the Dominion of New Zealand. [H. Savage and H. A. Wright.] 21st March, 1908.

No. 6365/4993.—Latham and Co., Limited, a company incorporated under the Companies Acts of Great Britain, and carrying on business at Tuebrook, Liverpool, England, Manufacturers. [Hayward Bros. and Co., Limited.] 24th March, 1908.

Trade Mark removed from the Register.

TRADe Mark removed from the Register owing to the non-payment of the renewal fee, from the 18th March to the 1st April, 1908, inclusive:—

No. 999/756.—18th December, 1893.—The Gore Dairy Factory Company, Limited, of Gore, New Zealand. Class 42.

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.

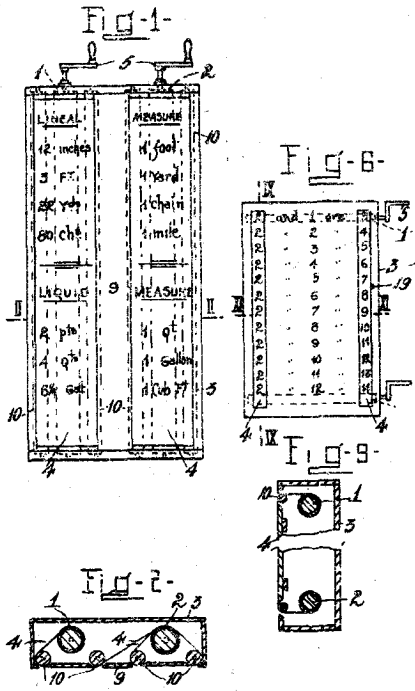
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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.

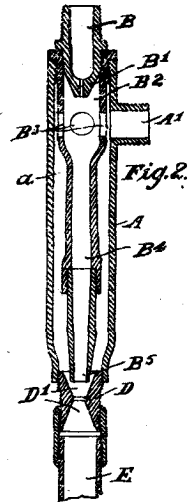
By Authority: JOHN MACKAY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

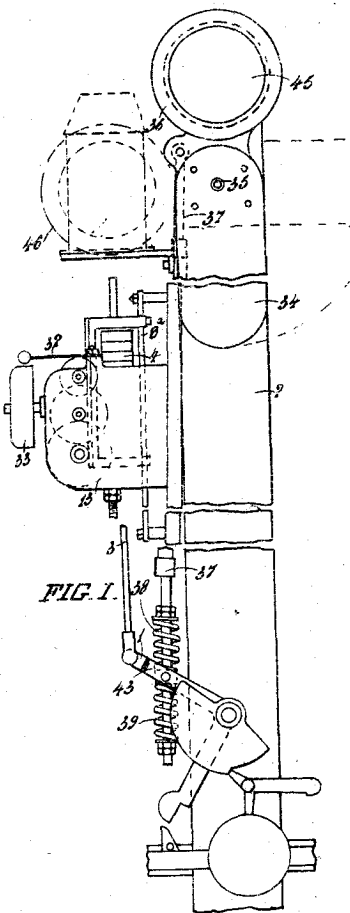
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



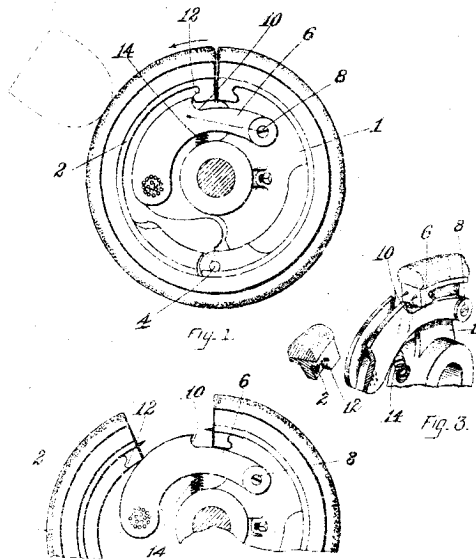
22221
Keane. Displaying Mathematical Tables.



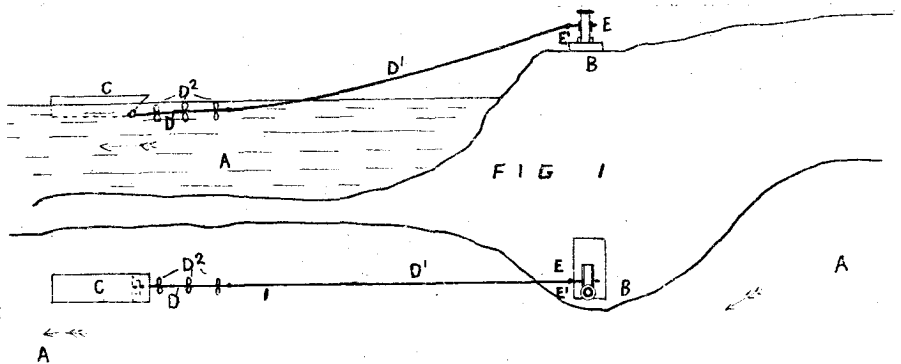
22954
Keogh. Cleaning-apparatus. (Corbett.)



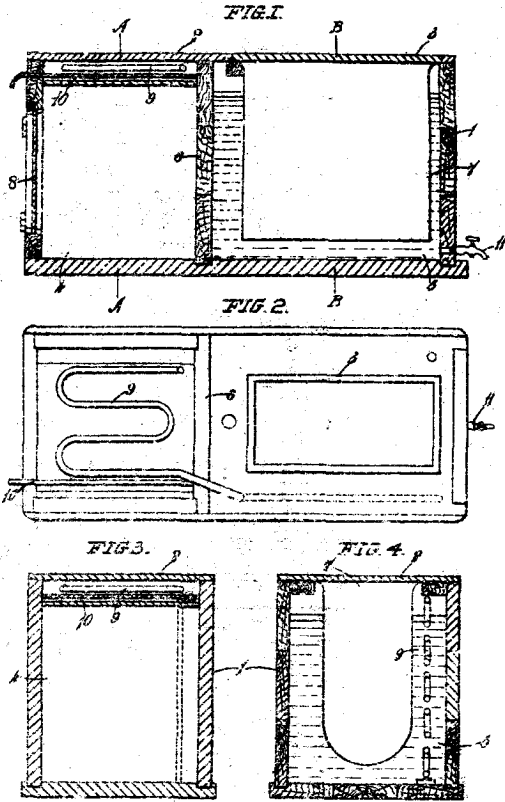
22710
Hudson. Railway-signal. (McKeegan.)



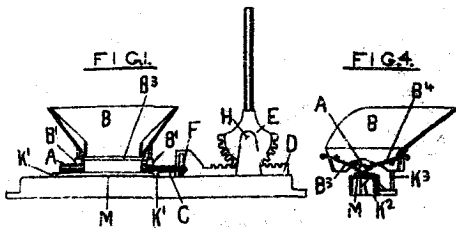
23060
United Shoe Machinery Co. Abrading-machine. (Reed.)



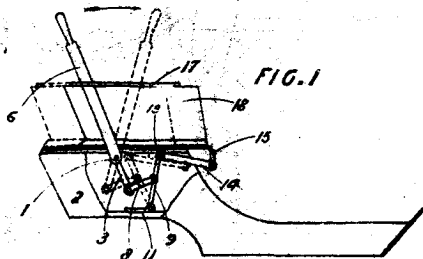
23983
Payne. Water-motor.



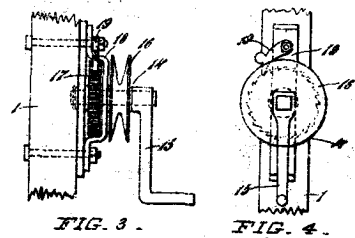
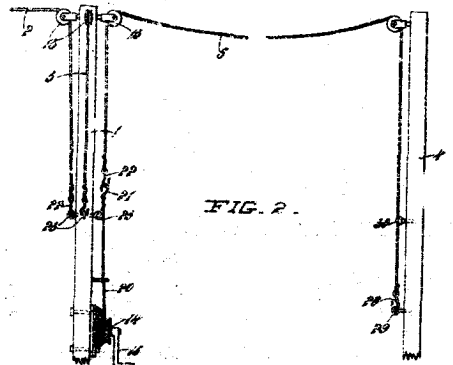
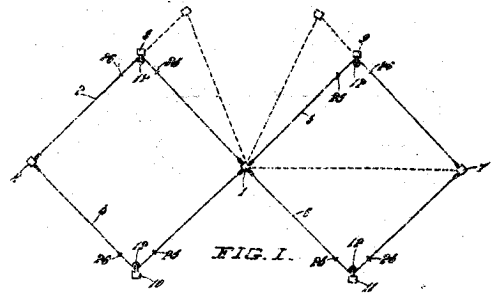
22914
J. B. MacEwan and Co., Ltd. Cream, &c., Cooler. (Humble.)



23050
Campbell. Moulding apparatus.



23920
Smiley. Vehicle-adjuster.



24087
Martin. Clothes-line.

FIG. 1

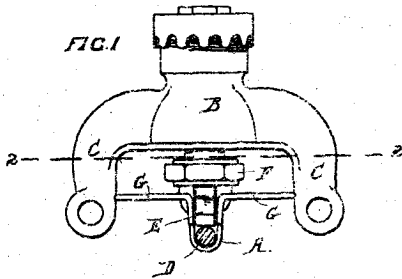
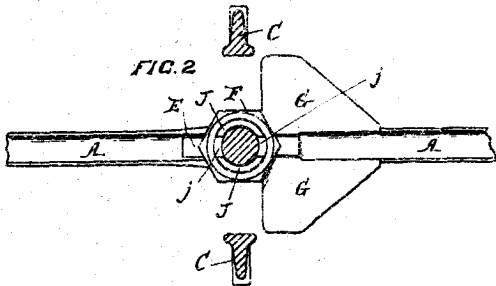
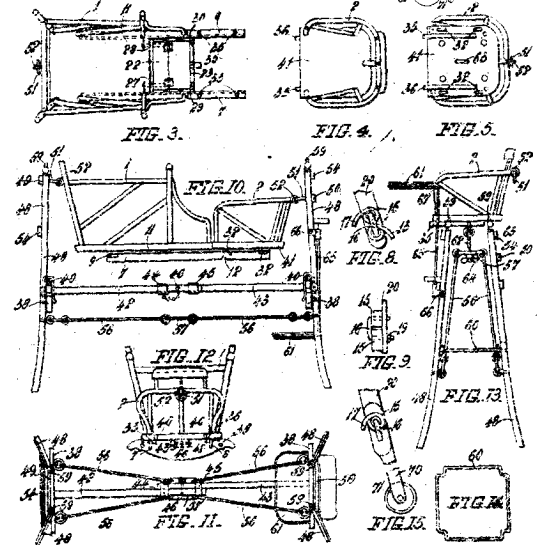
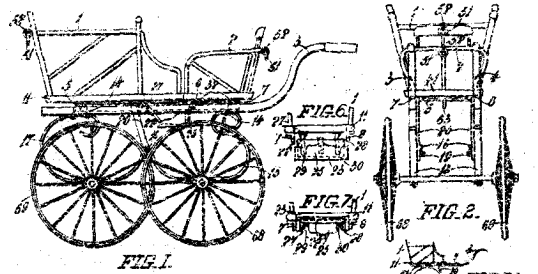


FIG. 2



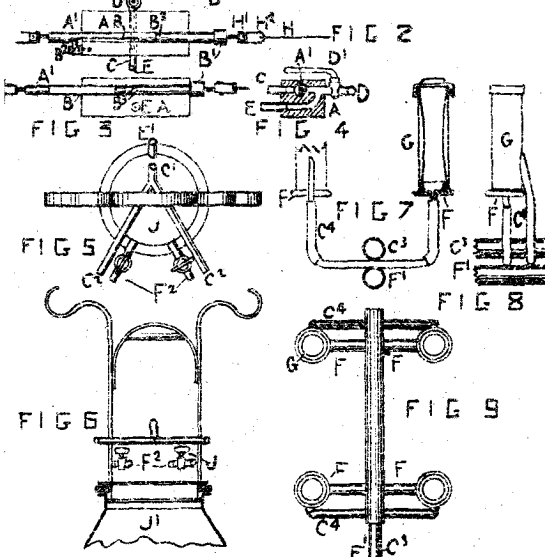
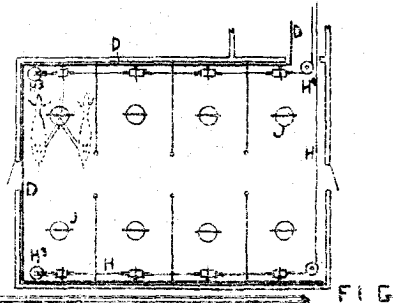
23387

Amos and Carroll. Overhead-wire Hanger.



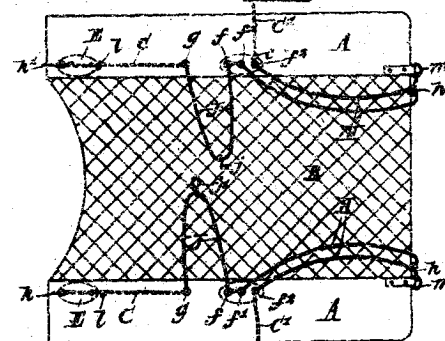
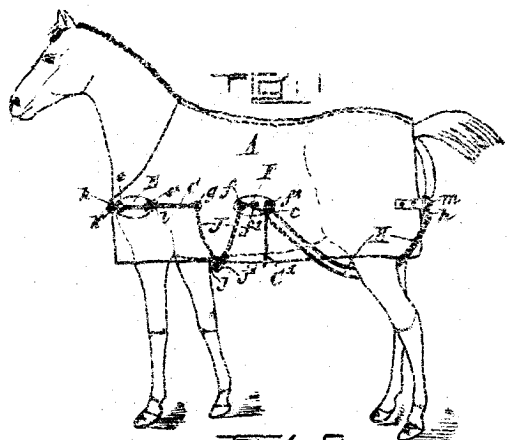
23871

Ford. Perambulator.



23770

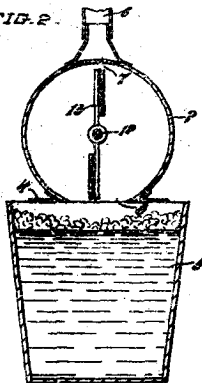
Small. Milking-machinery.



24029

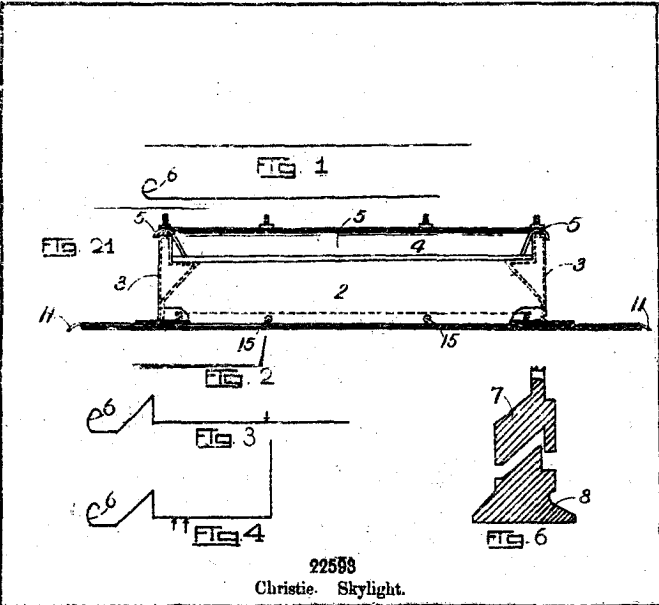
Moore and Cripps. Horse-cover.

FIG. 2

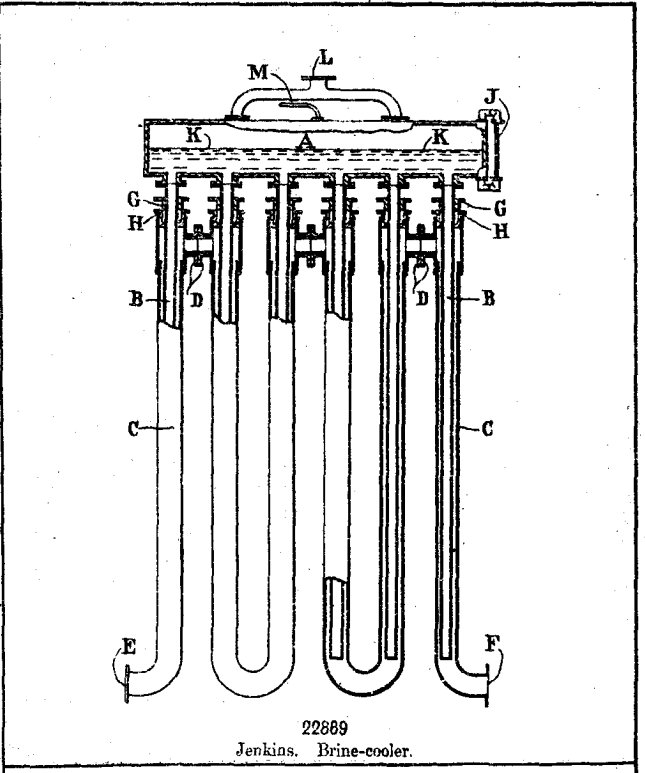


23809

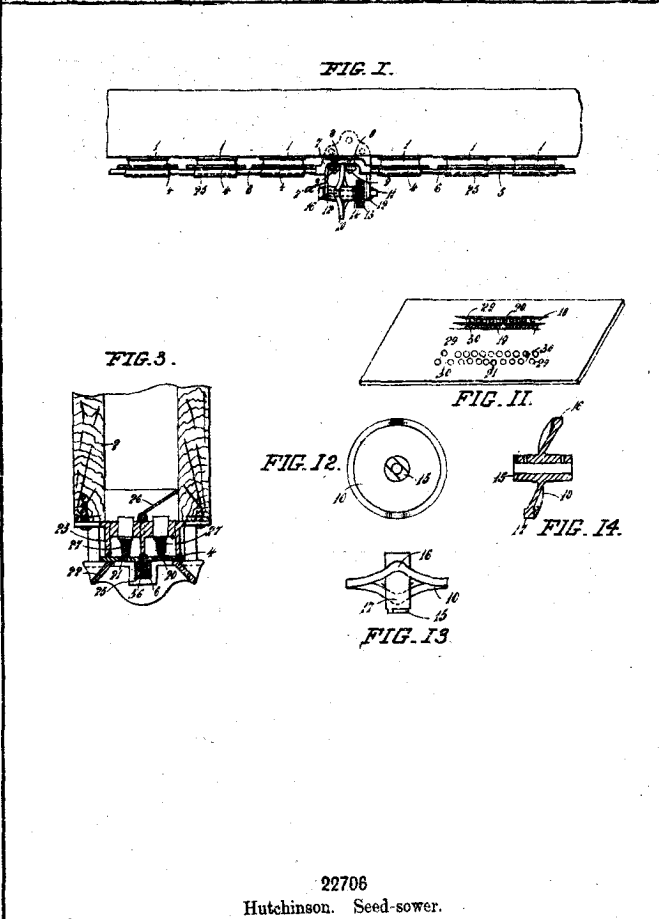
Mortensen and Nielsen. Milk-liquefier.



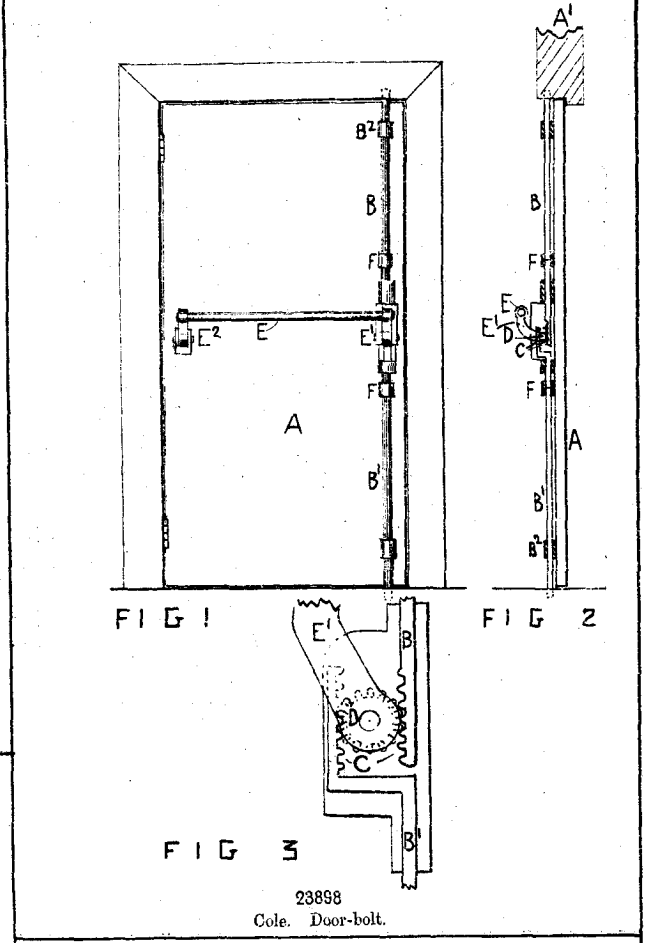
22558
Christie. Skylight.



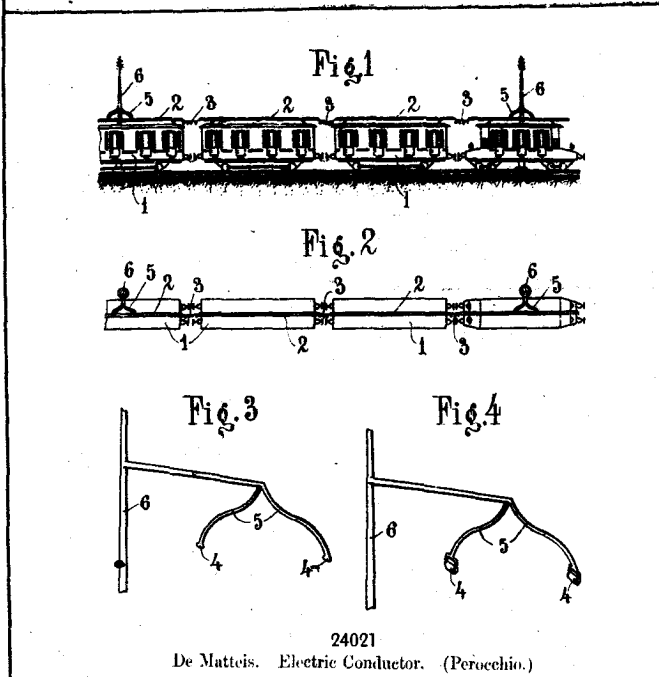
22889
Jenkins. Brine-cooler.



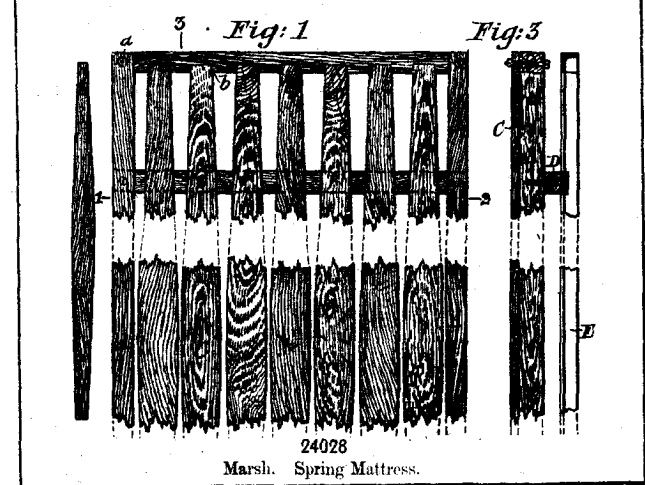
22706
Hutchinson. Seed-sower.



23898
Cole. Door-bolt.



24021
De Matteis. Electric Conductor. (Percichio.)



24028
Marsh. Spring Mattress.