

SUPPLEMENT

TO THE

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OF

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International and Intercolonial Arrangements for the Mutual Protection of Inventions.

INTERNATIONAL CONVENTION.

THE following countries now belong to the Convention :—

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

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.

Patents Supplement to Gazette.

PERSONS interested in Patents, Designs, and Trade Marks will find valuable information about such matters in the Patents Supplement to the *Gazette*, issued fortnightly. Each number contains a list of applications for patents during the current fortnight, claims and drawings of complete specifications that have been accepted, lists of trade marks and designs registered, latest official information, &c.

Single copy: Price, 6d. } Postage included.
Annual subscription: 10s. }

Obtainable from the Government Printer, Wellington.

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 27th September, 1906.

Classified illustrated 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 November, 1906.

Index of Applicants.

Subject-matter Index.

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

Trade Marks Journal to October, 1906.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to 31st May, 1906.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January to the 20th February, 1906, 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 Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to the 6th November, 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 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.

^(a) Discontinued.

^(b) In arrears. Not now being printed.

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.

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 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 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 1888 inclusive.

Annual reports of the Registrar, containing alphabetical lists of applicants for letters patent and of inventions patented from 1889 to 1905 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 supplying forms and for receiving applications for transmission to the Patent Office *without extra charge* have been established at the following places:—

- | | |
|--------------|---------------------------|
| Auckland | } Supreme Court Offices. |
| Gisborne | |
| Napier | |
| Nelson | |
| Blenheim | |
| Christchurch | |
| Dunedin | |
| Thames | } District Court Offices. |
| Wanganui | |
| Greymouth | |
| Timaru | |
| Oamaru | |
| Ashburton | |
| New Plymouth | |
| Westport | |
| Hokitika | |
| Invercargill | |
| Lawrence | |

PATENT AGENTS.

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

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. 22270.—5th January.—F. H. Frankland, Wellington, N.Z.
Gas-burner.
- No. 22271.—5th January.—W. Wilson and T. P. Burke, Dunedin, N.Z.
Egg-carrier.
- No. 22272.—7th January.—M. Belk, Palmerston North, N.Z.
Carcase-brander.
- No. 22273.—7th January.—J. R. Jillett, Titahi Bay, N.Z.
Pleasure-boat window.
- No. 22274.—7th January.—A. H. Byron and R. R. Richmond, Wellington, N.Z.
Signal lamp.
- No. 22275.—7th January.—F. J. Shelton, Wellington, N.Z.
Acetylene-generator.*
- No. 22276.—7th January.—H. Mander, Feilding, N.Z.
Tyre furnace.
- No. 22277.—8th January.—J. D. Jackson, Prahra, Vic.
Water-heater.
- No. 22278.—8th January.—E. Brandt, Melbourne, Vic.
Kerosene-pump and cutter.
- No. 22279.—8th January.—R. K. Sinclair, London, Eng.
Wind-guard for tobacco-pipe.*
- No. 22280.—8th January.—A. G. Brandram, Southsea, Eng.
Pipe-joints.*
- No. 22281.—8th January.—G. Westinghouse, Pittsburg, U.S.A.
Draw-gear and coupling.*
- No. 22282.—9th January.—A. Cowell, Blackall, and J. Phillips, Topunga, Q.
Fencing-dropper and wire-fastener.

- No. 22283.—9th January.—T. Whittle, Traralgon, and G. G. Turri, Melbourne, Vic.
Ship's progress indicator.* (*W. Cumming.*)
- No. 22284.—9th January.—H. Pataud, Paris, France.
Wheel-felloe.*
- No. 22285.—9th January.—E. S. Baldwin and H. H. Raymond, Wellington, N.Z.
Lock-nut.* (*W. Hubbard.*)
- No. 22286.—9th January.—M. Juriss, Wellington, N.Z.
Dumb-bells, &c.
- No. 22287.—9th January.—G. Hutchinson, Wellington, N.Z.
Fencing standard or dropper.
- No. 22288.—9th January.—United Shoe Machinery Company, Paterson, U.S.A.
Shoe-sewing machine. (*J. B. Hadaway.*)
- No. 22289.—9th January.—D. Murchison, Orawia, N.Z.
Seed-sower.
- No. 22290.—9th January.—F. Sheaf, Tomoana, N.Z.
Swath-turner.
- No. 22291.—9th January.—A. H. Byron and R. R. Richmond, Wellington, N.Z.
Pipe-joint.
- No. 22292.—7th January.—C. E. D. Usher, Johannesburg, S.A.
Slimes-treatment.*
- No. 22293.—8th January.—C. E. Woledge, Christchurch, N.Z.
Teapot and kettle.
- No. 22294.—8th January.—F. Cooper, Christchurch, N.Z.
Road-watering method.
- No. 22295.—10th January.—T. W. McDonald, Port Fairy, Vic.
Can-soldering machine.
- No. 22296.—7th January.—T. H. Wilson, Brisbane, Q.
Sash-adjuster.*
- No. 22297.—7th January.—W. G. Windham, London, Eng.
Vehicle-body.*
- No. 22298.—7th January.—Babcock and Wilcox, Limited, London, Eng.
Chain grate-stoker.* (*A. E. Parker.*)
- No. 22299.—7th January.—C. J. Johnson, Dunedin, N.Z.
Trolley-pole.
- No. 22300.—8th January.—C. E. Mugeridge, Chapel-en-le-Frith, Eng., and the Van Kannel Revolving Door Company, Limited, London, Eng.
Door.* (*C. E. Mugeridge.*)
- No. 22301.—8th January.—W. Stone, Dunedin, N.Z.
Tent-peg.
- No. 22302.—8th January.—W. E. Potts, Gore, N.Z.
Dredge-bucket cleaner.*
- No. 22303.—11th January.—D. Mahoney, Christchurch, N.Z.
Cycle-crank.
- No. 22304.—12th January.—E. G. Kennedy, Feilding, N.Z.
Boot.*
- No. 22305.—9th January.—F. Parker and B. T. Wiggins, Gisborne, N.Z.
Scaffolding-bracket.
- No. 22306.—12th January.—T. W. Coulthard, Mangapai, N.Z.
Fencing-dropper.*
- No. 22307.—14th January.—P. L. Smith, Northcote, Vic.
Pneumatic-pump connection.*
- No. 22308.—11th January.—D. Dickie and D. C. McMath, Balfour, N.Z.
Skim-coulter of plough.
- No. 22309.—14th January.—B. Bidwell, Chicago, U.S.A.
Electric-motor cooler.*
- No. 22310.—14th January.—J. Whiting, Paraparaumu, N.Z.
Target-repairing apparatus.
- No. 22311.—14th January.—E. M. Johnson, Woodville, N.Z.
Calves' food.
- No. 22312.—15th January.—G. Mackaness and J. Barnes, Sydney, N.S.W.
Screw propeller.*
- No. 22313.—15th January.—F. Bailey and F. H. Jackson, London, Eng.
Clutching-device for communicating rotary motion.*
- No. 22314.—15th January.—H. H. Johnson, Forbes, and E. Moin, Sydney, N.S.W.
Gas-lamp lighter and extinguisher.
- No. 22315.—15th January.—G. C. de Witt, Melbourne, Vic.
Production of pigment from sulphide ores.

- No. 22316.—15th January.—G. B. Johnson, Westminster, Eng.
Machinery for corrugating metal sheets.
- No. 22317.—15th January.—T. O'Neil, Hinde's Ferry, N.Z.
Wire distributor and collector.
- No. 22318.—15th January.—A. H. Byron and R. R. Richmond, Wellington, N.Z.
Billiard toy.
- No. 22319.—17th January.—T. Roberts, Wellington, N.Z.
Window.
- No. 22320.—17th January.—W. C. Bradshaw, Christchurch, N.Z.
Propelling steam vessels.
- No. 22321.—17th January.—F. J. Arthur, N. Mooropna, Vic.
Tire-inflation device.
- No. 22322.—17th January.—J. Smart, Auckland, N.Z.
Ventilating-cover for drains.
- No. 22323.—17th January.—H. Corbett, South Yarra, Vic.
Food and tonic. (*F. J. Corbett.*)
- No. 22324.—18th January.—J. A. Rollo, Christchurch, N.Z.
Weeding-implement.
- No. 22325.—19th January.—J. H. Pollock, Wellington, N.Z.
Racehorse-controller.
- No. 22326.—17th January.—B. F. H. Dawson, Johannesburg, Transvaal.
Candle-protector.
- No. 22327.—19th January.—B. W. White, Kaitoke, N.Z.
Spoon.
- No. 22328.—19th January.—A. McCorkindale, Island Block, N.Z.
Water-motor for pipe lines.*
- No. 22329.—21st January.—J. Lowden, jun., Maitaia, N.Z.
Preventing punctures in tires.
- No. 22330.—21st January.—D. and F. W. Smith, Christchurch, N.Z.
Golosh.*
- No. 22331.—19th January.—E. H. Featon, Gisborne, N.Z.
Vehicle-brake.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 8th to the 19th January, 1907, inclusive:—

- No. 20871.—B. F. Cranwell, C. F. F. Allan, and J. H. Trudgeon, broadcaster.
- No. 20905.—D. McKenzie, easy chair.
- No. 20970.—W. S. Clarke, plastering laths.
- No. 20999.—A. Small, teat-cup for milking-machine.
- No. 21014.—F. W. Bliss, gate-hinge.
- No. 21064.—E. T. C. Firth, mixing and disintegrating machine.
- No. 21072.—United Shoe Machinery Company, boot-making machine. (*A. E. Jerram and A. Bates.*)
- No. 21073.—United Shoe Machinery Company, boot-making machine. (*J. P. Pride and A. Bates.*)

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 23rd January, 1907.

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. 20689.—9th February, 1906.—REES WILLIAMS, of Dunedin, Otago, New Zealand, Engineer. Improvements relating to screens used for sifting.*

Claim.—A screen for the purpose indicated, rockers upon which the screen is mounted and bases supporting the rockers, an eccentric secured upon a shaft operated by the machinery of the dredge, a bracket secured to the bottom of the dredge, and a connecting-rod coupling together the eccentric and the arm, substantially as set forth.

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

No. 20695.—10th February, 1906.—WILMOT CLIFTON QUINNELL, of 35 Pirie Street, Wellington, New Zealand, Government Veterinary, M.R.C.V.S. An improved milk-pail and stool.*

Claim.—For the purpose indicated, in combination, a pail having a wide base, a flat lid of strong material fitting the top of the pail and forming a seat, perforations in the lid, a spout upon the pail, a funnel telescopically connected to the spout, a band fitting the rim of the funnel, a strainer of textile material or wire gauze secured to the funnel by a band, a cap for closing the spout, and a handle for carrying the pail, substantially as set forth.

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

No. 20755.—21st February, 1906.—HENRY STOREY, of Khyber Pass Road, Auckland, New Zealand, Watchmaker. Improvements in boilers.*

Claim.—In combination with a boiler for washing clothes, and an iron frame having a firebrick lining, a dome secured to the boiler, a coil of pipe surrounding the boiler and having one end connected to the bottom and the other end near the top of the boiler, substantially as set forth.

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

No. 20793.—1st March, 1906.—WILLIAM STRATHER GILLIES, of 70 Harper Street, Christchurch, New Zealand, Carpenter. Improvements relating to tramway-points.*

Claims.—(1.) For the purpose indicated, in combination, baulks arranged longitudinally to a tramway, sleepers placed transversely and secured to the baulks, there being spaces between the sleepers, rails secured to the sleepers, a rail-point resting on the sleepers, and triangular stop-pieces for supporting the point, substantially as set forth. (2.) In combination with a tramway-point and pit constructed as described in claim 1, a chair having integral triangular stop-pieces, substantially as set forth. (3.) The combination and arrangement of parts comprising the improvements relating to tramway-points, substantially as specified, and as illustrated in the drawing.

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

No. 20819.—8th March, 1906.—GEORGE RIDGWAY, of the Great Boulder Gold-mine, Kalgoorlie, Western Australia, Engineer. Improvements in atmospheric filters.*

Claims.—(1.) In improvements in atmospheric filters, a central column divided into compartments by one or more partitions and fitted with a revolvable cap or cover having a number of radial hollow arms connected to filtering trays or frames, means for connecting the separate compartments to separate vacuum-chambers, a concentrically slotted base permitting the adjustability of the said column, a pressure-chamber in combination with said column, pipes and valves connecting said pressure-chamber to the back of filtering-trays, a bracket for operating said valves, in combination with a vacuum filtering-machine, substantially as described and illustrated. (2.) In improvements in atmospheric filters, a concentrically adjustable column with a vacuum-chamber partially divided by partition, and a revolvable cap, in combination with filtering mechanism and vacuum-producers, substantially as described and illustrated. (3.) In improvements in atmospheric filters in which filtration and removal of the material deposited on the filtering-medium are dependent upon or facilitated by the production of variations of pressure on the opposite sides of such medium, the adjustable divided vacuum-chambers with revolvable cap and radial tubular arms flexibly connected to filtering-apparatus and connected to vacuum-producer, with radial arms also flexibly connected to said filtering-medium, also connected to air-pressure supply, substantially as described and illustrated. (4.) In improvements in atmospheric filters, the combination of parts whereby various solutions may be drawn through a filtering-medium into a common chamber while being kept separate and delivered to various destinations, the said means for dividing common chamber being adjustable to vary the grades of solution, and the means for adjusting same, a revolvable cap to

said chamber having connections to filtering-apparatus, and valves for regulating the action of the filtered solutions, a pressure-chamber in combination with said revolvable cap having connections to said filtering-apparatus, and valves to regulate the action of the said pressure, substantially as described and illustrated. (5.) In improvements in atmospheric filters, the hollow column divided into compartments by partitions, substantially as described and illustrated. (6.) In improvements in atmospheric filters, the combination with a hollow column, a revolvable cap, radial arms, flexible hose, a filtering-frame, and an adjustable base, substantially as described and illustrated. (7.) In improvements in atmospheric filters, the combination of a vacuum compartment, a pressure compartment having gland packing-boxes, valves, and flexible hose-connections to filtering-frames, substantially as described and illustrated. (8.) In improvements in atmospheric filters, the arrangement and combination of parts for the purpose of automatically charging, filtering, washing, and discharging pulp, substantially as described and illustrated.

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

No. 20849.—14th March, 1906.—HEINRICH CARL BECKER, of 66 Lichfield Street, Christchurch, New Zealand, Glue and Gelatine Manufacturer. An improved method of and apparatus for extracting fat and wool from hide and sheep fleshings.*

Claims.—(1.) The method of treating fleshings for the purpose indicated, consisting in washing the fleshings in water having a temperature of 120°, transferring the fleshings to a washing-machine or tanning-paddle and washing at a temperature of 120° for about thirty minutes, and while still hot subjecting the fleshings to centrifugal force while being sprayed with water at a temperature of 120°, substantially as set forth. (2.) In a process as described in claim 1, the employment of a hydro-extractor and water-supply pipe provided at its end with a sprayer, and a steam-pipe connected to the water-supply pipe, the steam from which raises the temperature of the water before entering the hydro-extractor, substantially as set forth.

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

No. 21163.—17th May, 1906.—JAMES JOSEPH GILDAY, of Berringa, Victoria, Australia, Miner. An improved pump.*

Extract from Specification.—This invention relates to means for pumping air, water, or other fluids or semi-fluid material, and is particularly adapted for exhausting or supplying air to mines, inasmuch as any slip of the air is prevented. It comprises an external stationary cylinder into which is accurately fitted a revolvable internal cylinder having a screw or auger secured therein and extending across the whole of its diameter. With this construction the air is drawn through a cylinder rotating in the same direction as the screw, and consequently the air is subjected to little or no frictional resistance in its passage through the pump. The pitch of the screw is fine at the intake, and gradually increases to a coarse pitch at the outlet, which construction, in conjunction with a tapering central core on said screw, prevents the air from slipping back and at the same time increases the velocity of the air.

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

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

No. 21194.—31st May, 1905.—GOTTFRIED LUDWIG MAX DÖRWALD, of 28 Mexfield Road, East Putney, London, England, Engineer. Improvements in carburetters for internal-combustion engines.

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

Claims.—(1.) In a carburetter for internal-combustion engines wherein heavy hydrocarbon is used as fuel, a special device by which a light hydrocarbon is supplied for starting and automatically shut off as soon as the walls of the spraying-chamber, which is jacketed for heating purposes, have reached the temperature at which the heavy hydrocarbon vaporises and can then form with air an homogeneous mixture suitable for proper combustion inside the cylinders. (2.) In a carburetter for internal-combustion engines wherein hydrocarbon is used as fuel, an expansive thimble or receptacle containing mercury or other suitable substance, which thimble or receptacle being in close contact with the wall of the above-mentioned spraying-chamber responds readily to its changes

of temperature and raises a fulcrumed lever, which, besides opening or closing the heavy or light hydrocarbon supply, also operates a valve for increasing the supply of air at the same time as it opens the heavy-fuel supply, and a valve for diverting the exhaust and preventing overheating of the spraying-chamber. (3.) An automatic carburetter for internal-combustion engines using heavy hydrocarbon as fuel and starting on light hydrocarbon, as described with reference to the drawings.

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

No. 21209.—26th May, 1906.—HUGH TAYLOR, formerly of Weymouth, Manarewa, New Zealand, now of 200A Willis Street, Wellington, New Zealand. A new or improved powder to be used in making starch, blue, and the like, for the purpose of rendering them fireproof.

Claim.—The combination of the following elements—namely, soda, tungstate, borax, and maize-flour or other suitable starchy compound—substantially as described, to produce a fireproof starch for garments.

(Specification, 1s.)

No. 21689.—23rd August, 1906.—WILLIAM DALL, of Dunedin, New Zealand, Merchant. Equilibrium bias-adjustment for bowls.*

Extract from Specification.—In my invention a small hole is bored through the axis of the bowl, and preferably threaded throughout its length, and into this is screwed a metal weight-screw with nicks so as to be worked from either end, the moving of which longitudinally in the hole alters the centre of gravity, and consequently the bias of the bowl.

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

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

No. 21765.—11th September, 1906.—CHARLES BLADES COVERDALE STOREY, of Lancaster, England, Mining Engineer, and JOHN ANDREW WAUCHOPE, of Coosheen Cottage, Schull, Cork, Ireland. Improvements in ore-crushing machines.

Claims.—(1.) In an ore-crushing machine of the type described, constructing the crushing-roll frame of sections removably connected together. (2.) In an ore-crushing machine of the type described, providing the travelling crushing-rolls in two or more balanced banks with vacant spaces between the ends of the banks. (3.) In an ore-crushing machine of the type described, mounting the axles of the travelling crushing-rolls in adjustable journal-boxes, substantially as and for the purpose described. (4.) In an ore-crushing machine as claimed in the preceding claims, a trough for holding the ore to be crushed composed of metallic sides and a concrete bottom having a metallic tread. (5.) In an ore-crushing machine as claimed in claim 4, constructing the tread of the trough in the form of annular rings composed of detachable sections. (6.) In an ore-crushing machine as claimed in claim 1, forming the crushing-roll-frame sections with toothed outer edges so as to form a composite gear wheel. (7.) The improved ore-crushing machine described, and illustrated by the drawings.

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

No. 21889.—5th October, 1906.—FREDERICK WALLIS STODART, of Grafton Lodge, Sneyd Park, Bristol, England, Analytical Chemist. Improvements in apparatus for distributing liquids, especially suitable for sewage.

Claims.—(1.) Supporting the distributing troughs by the tops of the corrugations, substantially as described. (2.) Channels with lugs on their edges on which rest the tops of the corrugations forming the troughs, substantially as described. (3.) Apparatus for distributing liquids, substantially as described, and illustrated in the drawings.

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

No. 21923.—17th October, 1906.—JOSEPH TAYLOR, of Egmont Road, Inglewood, Taranaki, New Zealand, Inventor. An improvement in harrows.

Claim.—In combination with a harrow, a cross-bar secured to the rear end of the pole of the harrow, diagonal bars staying the cross-bar to the pole, stalks having sockets adapted to fit upon the cross-bar, screws securing the sockets upon the cross-bar and carrying wheels upon the lower end of the stalks, substantially as set forth.

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

No. 21946.—19th October, 1906.—LUDWIG RISSMULLER, of Hotel St. George, 51 Clark Street, Brooklyn, Kings, New York, United States of America, Manufacturer. Apparatus for drying, grinding, and screening.

Claims.—(1.) In an apparatus for drying, grinding, and screening, an inclined rotary drum having a central support or shaft, a block hung loosely on said shaft, a support pivoted to said block to swing lengthwise of the shaft, and a crushing-roller carried by said support and arranged to work against the inner surface of the drum. (2.) In an apparatus of the character specified under head 1, the construction of the roller-support as a U-shaped member, between the arms of which the roller may move toward and from the inner surface of the drum. (3.) In an apparatus of the character specified under head 1, the construction of the crushing-member as a double roller, one arranged on each side of the support. (4.) In an apparatus for drying, grinding, and screening, an inclined rotary drum, a stationary hopper at the inlet end of the drum, and a reciprocating shelf or feeder in said hopper. (5.) In an apparatus of the character specified under head 4, a connection between the rotary drum and the feeder so that the rotation of the drum will cause the feeder to reciprocate. (6.) In an apparatus for drying, grinding, and screening, an inclined rotary drum, and a blower for forcing a heated gaseous medium into one end of the drum and lengthwise thereof. (7.) An apparatus for drying, grinding, and screening, comprising an inclined rotary drum, a hopper at the upper end of the drum, a movable feeder in said hopper, mechanism for operating the feeder by the rotation of the drum, a device for causing a heated gaseous medium to enter the drum at its upper end and to pass therethrough lengthwise, spiral ribs arranged on the inside of the drum both in advance and in the rear of a crushing-compartment, a crushing-roller located in said compartment and capable of swinging both lengthwise and transversely of the drum and also capable of moving toward and from the inner surface of the drum, and a screening-compartment into which the crushed material is adapted to pass.

(Specification, 7s. 9d. ; drawing, 2s.)

No. 21969.—25th October, 1906.—JOHN BARTHOLOMEW LEYDON, of Bright Street, Gisborne, New Zealand, Carriage-builder. Improvements in seats for vehicles.

Claim.—Improvements in seats of vehicles comprising, in combination with a fixed seat having a fixed lazy back and arms, a seat hinged to the back of the fixed seat, brackets upon the ends of the fixed seat, rods hinged at one end to the brackets and having knobs at their other ends, bosses pivoted to the ends of the hinged seat and passing upon the rods and extensions to the arms of the fixed seat adapted to engage the bosses when the hinged seat is in its closed position, substantially as set forth.

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

No. 22011.—5th November, 1906.—ANDREW HERBERT BYRON, Civil Engineer and Architect, and DAVID JOHN BYRON, Draftsman, both of 46 Lambton Quay, Wellington, New Zealand. An improved method of constructing steel framing for buildings to stand earthquakes and to be fire-proof.

Claim.—The method of constructing walls with a view to resisting the action of fire, consisting in expanding girders with friction rollers, and space to allow of expansion, substantially as described in the specification, and illustrated in the drawings.

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

No. 22028.—7th November, 1906.—GEORGE FARQUHAR and ROBERT NORTH, both of 12A Shenton Street, London, England, Food-preservers. Improvements in and relating to devices for hermetically sealing metal receptacles for food and the like.

Claims.—(1.) A device for the purpose specified, comprising a chamber mounted upon suitable legs or supports and connected with an air-exhausting device, a movable closure for said chamber operated by means of a piston in a cylinder from which the air can be exhausted, a movable support for the vessel to be sealed carried by said closure, a cylinder containing a piston and a rod for operating said support, a soldering-iron within but heated from the exterior of the exhausting-vessel, and a valve for governing the vacuum in the chamber and cylinders. (2.) In a device of the kind specified, the combination with an exhausting-chamber and a soldering-iron of a lever forming a movable support for bringing the end of the vessel to be sealed into contact with the said iron, and a cylinder containing a piston the rod of which acts upon the lever. (3.) In a device of the kind specified, the combination with an air-exhausting chamber and a soldering-iron of a movable support for the vessel to be sealed, comprising a cylinder carried by the movable closure and provided with a piston and rod, the latter carrying at its upper end a support for the said vessel. (4.) In a device of the kind specified, the combination with an exhausting-chamber of a soldering-iron arranged in such chamber and heated by means of a Bunsen or other flame from the exterior thereof. (5.) A device for the purpose specified, constructed, arranged, and operating as described with reference to Figs. 1 and 2 of the drawings. (6.) A device for the purpose specified, constructed, arranged, and operating as described, with reference to Fig. 3 of the drawings.

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

No. 22088.—21st November, 1906.—ELIZABETH McFEE, of Regent Road, Dunedin, New Zealand, Housekeeper. Improved combined cabinet and teaching appliances.

Claim.—A desk for the purpose indicated, consisting of upright and horizontal parts, rollers mounted in the upright part, a band of material rolled around the rollers, shelves in the lower part of the desk, a second pair of rollers mounted in the lower part of the desk, a rod uniting the upright to the horizontal part, a writing surface upon one side and a black-board surface upon the other side of the horizontal part, and catches for retaining the parts in their closed position, substantially as set forth.

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

No. 22119.—27th November, 1906.—CORK ASPHALT, LIMITED, of 85 London Wall, London, E.C., England (assignees of Charles Morland Cunynghame Hughes, of Blomfield House, London Wall, London, England, Colonial Broker; Thomas Henry Quinlan, of 11 Angel Court, London aforesaid, Gentleman; and Harold Mills Clifford, of 25 Victoria Street, Westminster, London aforesaid, Gentleman). Improvements in the manufacture of blocks, plates, and other articles for use in road-making, building, and for similar purposes.

Claims.—(1.) A process for manufacturing blocks, plates, and other articles, consisting in mixing granulated bitumen in the cold state with cork and sawdust or the like, heating the mixture with constant stirring to from 130° C. to 150° C. so as to produce a homogeneous plastic material free from volatile oil, moulding the material, reducing the temperature to 110° to 125° C., compressing it in the moulds whilst hot, and maintaining the pressure until the contents of the mould have cooled. (2.) In the process of making plastic materials consisting of bitumen with cork and sawdust or the like, mixing the materials in the cold state and subsequently heating so as to cause the bitumen to melt in the mixture and to produce cohesion therein. (3.) Blocks, plates, and other articles produced from bitumen mixed with cork and sawdust or the like in a cold state and then heated and moulded.

(Specification, 4s.)

No. 22150.—24th March, 1906.—J. SAMUEL WHITE AND COMPANY, LIMITED, Shipbuilders and Engineers, EDWIN CHARLES CARNT, Engineer, and ANDREW FORSTER, Engineer, all of East Cowes, Isle of Wight, England. Improvements in marine turbines.

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

Claims.—(1.) A marine turbine of the class characterized by such an arrangement of the blading, and such arrangements for admission and passage of steam thereto and there-through, that the steam supplied to the turbine first acts on portions of the blading in opposite directions so as to balance its own pressure, and afterwards acts on another portion in opposition to the thrust of the propeller, which characteristics admit of a dummy piston being dispensed with. (2.) A marine turbine embodying the characteristics defined in the foregoing claim, and having the whole of the self-balance at one end of the turbine, as exemplified in Figs. 1 and 3 of the drawing. (3.) A marine turbine embodying the characteristics defined in claim 1, and having the self-balance in two parts, one at each end of the turbine, with a steam-inlet at each of the said parts, as exemplified in Fig. 2 of the drawing. (4.) A marine turbine having the characteristics defined in claim 1, and having a portion of the drum at the self-balance part of larger diameter than the remainder of the drum at that part, as exemplified in Fig. 3 of the drawing, and for the purpose set forth.

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

No. 22171.—7th December, 1906.—EDWARD WILLIAM BARTON-WRIGHT, of 1 Albermarle Street, Piccadilly, London, England, and QUINTON MARINO, of 2 Fitzroy Street, London aforesaid, Engineers. Improvements in the treatment of wood to be used in electro-chemical apparatus.

Claims.—(1.) In the treatment of wood for constructing electric batteries or accumulators, submitting the same, in the form of plates, tubes, fibres, or the like, to the influence of ammoniacal-cupreous liquor, and afterwards to a bath of liquid ammonia, from which it is withdrawn, washed in water and immersed in nitric acid, after which it is submitted to the action of sulphurous acid and to a solution composed of alcohol, acetate of ethyl, and caustic potash in various proportions for rendering it porous and permeable by the electric current whilst remaining neutral to the electric chemical reactions, substantially as described. (2.) The improved process for treating wood in the construction of electric batteries and the like, consisting in utilising a bath of pure ammonia solution at the end of the operations or treatment herein claimed so as to render neutral the wood impregnated with the sulphonic liquid, substantially as described. (3.) The improvements in the treatment of wood to be used in electro-chemical apparatus, substantially as described and set forth.

(Specification, 5s. 6d.)

No. 22174.—10th December, 1906.—GIES GEAR COMPANY, of 345 Bellevue Avenue, Detroit, Michigan, United States of America, Manufacturers (assignees of Frank G. Gies, of 345 Bellevue Avenue aforesaid, Engineer). Improvements in reversing-gear.

Claims.—(1.) A reversing-gear adapted for combination with driving and driven shafts axially in line, and consisting of a spur gear and a sprocket, each secured to one of said shafts, a carrier or casing provided with a counter-shaft carrying a spur wheel engaging that of the driving-shaft, and a sprocket, a chain carried by both sprockets, means for arresting the rotation of the casing or carrier, and means for connecting the casing to or releasing it from connection with the driven shaft. (2.) In a reversing-gear, the driving and driven shafts in line, and provided respectively with a gear and sprocket, combined with a casing in two parts detachably connected and supporting a counter-shaft provided with a pinion and sprocket, and a sprocket chain engaging the two sprocket wheels. (3.) The combination with the two shafts, gears, sprockets, segments, and casing, of a single lever and connections, whereby the said lever operates the segments to clamp the casing to the shaft 2 and disconnect it therefrom, and to contract the band about the flange 15 of the casing, through the medium of a lever and wedge. (4.) The combina-

tion of the shafts 1 and 2, a casing provided with a counter-shaft, gears 4 and 14, sprocket wheels 5 and 12, a chain 13, a flange on the casing, arms carried by the shaft 2, and means carried by said arms for locking the casing to and releasing it from the shaft 2, together with a brake band for arresting the rotation of the casing.

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

No. 22178.—10th December, 1906.—WILLIAM ERNEST HUGHES, of Queen's Chambers, Wellington, New Zealand, Patent Agent (nominee of Linotype and Machinery Limited, of 188 and 189 Fleet Street, London, England, the assignees of Jacques Mayer and Christian Augustus Albrecht, of 17-18 Chauseestrasse, Berlin, Germany). Improvements in linotype machines.

Claims.—(1.) The combination with a pivoted channelled matrix-guide consisting of two parts 25, 26 adapted to slide endwise over each other, of the specified means by which the act of shifting a series of escapement rods to effect a change of fount in a composing-machine having two or more magazines arranged one above the other makes the top of the said pivoted channelled matrix-guide register with the mouths of the respective magazine. (2.) In the means claimed in the preceding claim, the combination of pivoted channelled matrix-guides 25, 26, reciprocating-plate 22, shift lever 8, and connections between the latter and the said plate. (3.) The combination of two continuous belts, or one continuous belt and one annular surface, adapted to receive and grip between them the matrices of a fount rejected by a preliminary distributor, and by being parallel for only a portion of their course to carry the said matrices so far and then send them on their way to their distributor for character. (4.) The improved preliminary distributor characterized by two continuous belts, or one continuous belt and one annular surface, adapted to carry the matrices of a fount rejected by a preliminary distributor away from the latter, to lift them, and to then drop them towards their distributor for character. (5.) The described combination of shoot, rocking-plate forming part of the top thereof, spring holding it in normal position, bell-crank lever rocking with the said plate, and a bell-crank lever controlling the driving-clutch of the mechanism that drives the distributor-screws, held away from the said clutch by the first-mentioned lever so long as the rocking-plate is in normal position, and pulled towards the axis of the said clutch by a spring as soon as the rocking-plate is rocked out of normal position by a matrix jammed in the shoot.

(Specification, 12s. ; drawing, 4s.)

No. 22180.—10th December, 1906.—WALTER FRICKER, of "Kelbrook," Stanley Road, South Woodford, Essex, England, Paper-bag Manufacturer. Improvements in machines for making paper bags.

Claims.—(1.) In machines for making paper bags, having a rising and falling table carrying a platform, the employment of a roller in said rising table and a sensitive finger for drawing each sheet of paper to a gauge on said rising table, substantially as set forth. (2.) In machines for making paper bags, a spring-controlled folding and pressing roller, operated to rub one edge of the paper against a pasting-roller, and then passing it on to the other edge of the paper and pressing it thereon, substantially as set forth. (3.) In machines for making paper bags, a shooting paste-box carrying folding-appliances for applying paste to the top portion of the bottom of the bag and folding the top edge of the paper downwards, substantially as set forth. (4.) In machines for making paper bags, a folding-appliance for folding the bottom portion of the bottom of the bag, said folding-appliance carrying spring-controlled flaps for pasting the tabs after having received the paste from the shooting paste-boxes, substantially as and in the manner set forth. (5.) In machines for making paper bags, the employment of four sectors for compressing the tubular bag and drawing it off the mould, in conjunction with spring or spring-controlled tucking-appliances, a presser and a lifting roller, substantially as and for the purpose set forth. (6.) The improvements in machines for making paper bags, substantially as set forth.

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

No. 22182.—12th December, 1906.—CHARLES COOPER, of Mangatoki, Taranaki, New Zealand, Dairy-factory Manager and Mechanical Engineer. Improvements in scales for weighing sheep and the like.

Claims.—(1.) In apparatus such as described, and in which a pen is used, the employment of crank shafts below the pen, and means for raising the cranks to a vertical position, substantially as set forth. (2.) In apparatus such as described, and in which a pen is used, the employment of crank shafts below the pen, means for raising the cranks to a vertical position whereby the pen is supported by the cranks, and hooks attached to the frame of the apparatus and adapted to engage eyebolts secured to the pen, substantially as set forth. (3.) In apparatus such as described, and in which a pen is used, the employment of crank shafts below the pen, brackets by which the shafts are pivoted to the frame of the apparatus, a lever secured upon the end of one shaft, an arm secured upon the end of the other shaft, and a connecting-rod coupling together the lever and arm, substantially as set forth. (4.) The combination and arrangement of parts comprising the improvements in scales for weighing sheep and the like, substantially as and for the purposes specified, and as illustrated in the drawings.

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

No. 22186.—12th December, 1906.—EDWARD BOND BAKER, of Spring Street, Melbourne, Victoria, Australia, Grazier. Improvements in means for treating substances under pressure.

Claims.—(1.) The combination as a whole of substantially the parts described which are shown in Figs. 1 to 3. (2.) In a machine for treating substances under pressure, a chamber mounted on a hydraulic ram, adapted to be raised and lowered relatively to a cover, in combination with tubing for exhausting the air from the chamber, tubing for heating or cooling the chamber-contents, comprising a coil extending around within its walls, means for so supporting hides, meat, or other substances within the chamber as to allow circulation of liquid therein, a perforated ring, coil, or the like at the chamber-top, and another at the chamber-bottom, whereby liquid under pressure may be forced to enter, diffuse into, and leave the chamber through numerous small perforations, in each case located substantially as described. (3.) The combination of parts described with reference to claim 2, omitting a hydraulic ram or the like, and using a removable cover as described.

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

No. 22196.—13th December, 1906.—MICHAEL FRY, of Port Awanui, New Zealand, Bricklayer. Improvements in sheep-races.

Claims.—(1.) In sheep-races of the class described, the construction of the endless travelling-platform with an inclined portion and a horizontal portion continuous with the upper end of the inclined portion, substantially as and for the purposes specified. (2.) In sheep-races of the class described, the combination with a travelling-platform, such as that referred to in claim 1, of side-frame members having correspondingly inclined and horizontal portions hinged together, and strips extending longitudinally along their inner faces and projecting inwards beneath the respective edges of the platform, as and for the purposes specified. (3.) In sheep-races of the class described, the combination with a travelling-platform and side frames, such as those referred to in the preceding claims, of strips extending longitudinally along above the outer edges of the platform, as and for the purposes specified.

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

No. 22204.—11th December, 1906.—JOSEPH EDDY, care of Messrs. A. J. Park and Son, of 24 Manse Street, Dunedin, New Zealand, Grocer. A wire cheese-cutter.

Claims.—(1.) In a wire cheese-cutter, a single wire carried in a bow and strained by a tension screw, the whole hinged at one end to the base-board of the device, and at the other moving in a vertical slotted quadrant also secured to the said base-board, all for the purposes set forth, and substantially as described, and illustrated in the drawings.

(2.) In a wire cheese-cutter, a single wire carried in a bow and strained by a tension screw, the whole hinged at one end to the base-board, and at the other moving in a slotted quadrant also secured to the said base-board, in combination with a supporting platform provided with a longitudinal slot constructed to receive the cutting-wire, all for the purposes set forth, and substantially as described, and illustrated in the drawings. (3.) A wire cheese-cutter consisting of a metal wire carried in a bow and provided with a tension screw, one end of said bow being hinged to the base-board of the device while the other moves in a slotted quadrant, a platform for carrying the cheese provided with a longitudinal slot of a size and form to receive the cutting-wire, and with the required weight-zones and pin-holes thereon, an adjustable pivoted gauge-bar and set-pin, and an adjustable stop, all for the purposes set forth, and substantially as described, and illustrated in the drawings.

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

No. 22212.—14th December, 1906.—THOMAS REID CHRISTIE, of Dunedin, New Zealand, Plumber. Improvements in or relating to galvanised-iron skylights and the like.

Claims.—(1.) In a skylight, securing the threaded studs 2 substantially as described. (2.) A corner supporting-bracket 7, substantially as described. (3.) The combination with a galvanised-iron skylight combing of a supporting-bracket 7 for the corners thereof, substantially as described.

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

No. 22226.—20th December, 1906.—HENRY ERNEST PARRY, of Guildford, Western Australia, Civil Engineer. Compound counting-machine.

Claims.—(1.) Means whereby counters are separately and simultaneously rotated a unit distance, consisting of a push-plate as *a* for setting up a circuit, and by means of coils *d*, rocker *d1*, and bar *d2* releases balls as *e*, so allowing their fall on to a contact-maker as *f*, so forming a circuit to operate coils *g* or *h*, substantially as set forth, and as illustrated in the drawings. (2.) A hopper as *e3*, formed with an endless horseshoe-shaped race as *e5*, passages *e1*, chamber *e2*, and throat *e4* for containing ball contact agents as *e*, substantially as set forth, and as illustrated in the drawings. (3.) A circuit-former push-plate as *a*, made with two levels, on one of which, as *a*, sits a column of tickets as *a1*, said column falling on to the lower level, as *b*, by the forward push of the plate, so allowing a single ticket to be carried by shoulder *b1* for issue and delivery to the operator while the column is replaced on its own level as *a*, and said plate being returned by the homing-spring *b5*, substantially as set forth, and as illustrated in the drawings. (4.) A locking-bar as *c*, whose fall is electrically controlled by human agency, so rendering push-plates, as *a*, inoperative, substantially as set forth, and as illustrated in the drawings. (5.) A bar, as *g3*, connected to rocker *g1*, and operated by coils *g*, whereby any ball, as *e*, after effecting its circuit-forming duty, is pushed into its race, as *e5*, substantially as set forth, and as illustrated in the drawings. (6.) Means whereby any succeeding ball is prevented from entering the throat *e4* until the preceding ball is pushed into the race, consisting of a tumbler as *e6*, substantially as set forth, and as illustrated in the drawings. (7.) The peculiar construction and combination of parts constituting an electrically operated machine for the separate and simultaneous counting of single and grand totals, substantially as set forth, and as illustrated in the drawings.

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

No. 22243.—22nd December, 1906.—RICE OWEN CLARK, of Hobsonville, Auckland, New Zealand, Pipe-manufacturer. Improvements relating to yard-sinks and the like.

Extract from Specification.—In sinks, a circular groove or channel or projecting ring is formed on the outside bottom of the sink around the opening through which the water passes away, in order to prevent the water when running away from creeping along the bottom of sink and percolating through the joints, and thus becoming a nuisance and a danger.

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

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

No. 22245.—22nd December, 1906.—RICE OWEN CLARK, of Hobsonville, Auckland, New Zealand, Pipe-manufacturer. An improved automatic-fastening grate for drains and the like, and flanges for the same to fit into.

Claims.—(1.) In the improved form of automatic-fastening grate and flanges specified, the grate having an upper convex surface with holes tapered inwards and downwards through it and lugs formed on it, one lug having a loosely fitting swing-bar attached thereto, in combination with the flange or trap having a vertical and circumferential grooves formed within it, for the purpose set forth, as described and illustrated. (2.) In the improved form of automatic-fastening grate and flanges covered by claim 1, the loosely swinging bar attached to one of lugs fitted to be operated in the manner and for the purpose set forth, as described and illustrated. (3.) In the improved form of automatic-fastening grate and flanges covered by claim 1, the flange or trap having a vertical groove and circumferential groove formed within said flanges or trap, for the purpose set forth, as described and illustrated.

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

No. 22257.—29th December, 1906.—THOMAS BOSWELL SUTTON, of Thames Street, Rongotea, New Zealand, Builder and Contractor. An improved butter-box.

Claims.—(1.) A box for packing butter, consisting of a flanged cover and bottom, flanged sides adapted to pass within the flanges of the cover and bottom, ends fitting within the flanges of the sides and bands surrounding the box, substantially as set forth. (2.) In a box constructed as described in claim 1, grooves in the cover and bottom and sides of the box, and bands surrounding the box and lying within the said grooves, substantially as set forth. (3.) The employment with a box constructed as described in claim 1 of bands provided at one end with pivoted loops, and at the other end with pivoted levers adapted to pass through the loops and provided with kinks, substantially as set forth. (4.) The employment with a box constructed as described in claim 1 of a packing-cradle, consisting of a bottom to which ends and sides are secured, gaps in the sides and bars uniting the upper part of the sides and ends, substantially as set forth. (5.) The combination and arrangement of parts comprising the improved butter-box and packing-cradle therefor, substantially as and for the purposes set forth.

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

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

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

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

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

J. C. LEWIS,
Deputy Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 23rd January, 1907.

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

- No. 21972.—F. H. Jackson, garden-hoe.
- No. 22101.—H. V. Johansen, explosive engine.
- No. 22106.—S. Blackman, method of plastering walls and ceilings.
- No. 22221.—J. T. Keane, device for displaying mathematical tables.
- No. 22224.—A. J. Webster, milking-bail.
- No. 22228.—J. D. Jackson, water-heater.
- No. 22230.—A. A. Carson, water-heater.
- No. 22231.—F. E. McLean, teatcup-mouthpiece fastener.
- No. 22233.—F. W. Munt, stamp-affixer.
- No. 22234.—J. O. Galbally, weatherboarding.
- No. 22235.—J. S. Plummer, portable cot or stretcher.
- No. 22253.—C. Bristow, milking-machine.
- No. 22258.—G. M. Nichol, axe-handle extraction.
- No. 22320.—W. C. Bradshaw, method of propelling steam vessels.

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.

B

Letters Patent sealed.

LIST of Letters Patent sealed from the 10th to the 21st January, 1907, inclusive:—
Nil.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

NO. 15853.—F. J. Newberry and A. Walker, combustion chamber and fire-box for coppers. 9th January, 1907.

No. 15854.—H. T. Davis and E. Perrett, separation of oil from water. 9th January, 1907.

No. 15875.—A. R. Hardy, candlestick-sconce. 14th January, 1907.

No. 15885.—W. Aggers, cushioned furniture. 17th January, 1907.

No. 15895.—A. Hosking, tellurian and selenotrope. 17th January, 1907.

No. 16283.—Dolter Electric Traction, Limited, electric-traction system. (H. Dolter.) 9th January, 1907.

THIRD-TERM FEES.

Nil.

Subsequent Proprietor of Letters Patent registered.

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

NO. 15624.—Frederick George Sargood and Alfred Herbert Sargood, trading as "Sargood Brothers," at Nos. 238 and 242, Flinders Street, Melbourne, Victoria, and at Sydney, Perth, Brisbane, Adelaide, and Launceston, all in the Commonwealth of Australia. Rug for cows, &c. [J. Burge.] 17th January, 1907.

Notice of Request to amend Specification.

Patent Office,
Wellington, 23rd January, 1907.

A REQUEST for leave to amend the specification and drawings relating to the undermentioned application for Letters Patent has been received, and is open to public inspection at this office. Any person may at any time from one month from the date of this *Gazette* give me notice in writing of opposition to the amendments. Such notice must set forth the particular grounds of objection, and be in duplicate. A fee of 10s. is payable thereon.

No. 20239.—AMBROSE RIDD, of Waipuku, New Zealand, Farmer. Improvements in pneumatic teat-cups for milking-machines. (Advertised in Supplement to *New Zealand Gazette*, No. 81, of the 20th September, 1906.)

The nature of the proposed amendments is as follows:—
(1.) To insert the following paragraph after the word "designed," line 29, page 2, of the specification: "The novel features of the invention consist in an improved formation of the air-plate surrounding the top of the teat-cup (and already in use) to provide for the free ingress of air referred to by constituting a defined air-chamber around the root of the teat, and also the provision of special means whereby the inflation of the inner lining of the cup will be obtained in the manner described." (2.) To alter the word "mouthpiece," line 14, page 3, to "inlet"; and to insert after the words "the mouthpiece c," line 14, page 3, the following sentence: "The teat-cup is also provided with the usual rubber cap *a*¹ to hold the air-plate in position." (3.) To insert, after the words "end of the cup," line 25, page 3, the following words—"between the mouthpiece and the cup"; the words "in this invention" after the word "which," line 26, page 3; and the words "or bent downwards" after the word "curved," line 26, page 3. (4.) To omit all the words from "annular chamber" down to "gripping on the cup," lines 27, 28, 29, 30, and 31, page 3, and line 1, page 4, and to insert in place thereof the following words: "air-space beneath it in communication with the inlet *d* which passes through beneath the plate." (5.) To omit the words "insure of its shape being retained," line 3, page 4, and to insert instead the following words: "maintain its rigidity and insure its elevation above the top edge of the teat-cup." (6.) To omit the whole of the paragraph beginning with the words "the air-inlet *d*" and ending with the words "encircled by the mouthpiece," lines 4, 5, 6, and 7, page 4. (7.) To insert the words "as a mouthpiece" after the word "teat," line 12, page 5. (8.) To omit the whole of claim I, lines 23 to 30, page 5, and to insert instead the follow-

ing claim: "I. In pneumatic teat-cups, an annular air-plate formed with a downward extension on its inner periphery, and means for maintaining the said air-plate in position above the upper end of the teat-cup, substantially as and for the purposes specified." (9.) To omit the whole of claim 3, lines 9 to 13, page 6, and to alter the number of claim 4 to "3." (10.) In the drawings, to alter Fig. 1 and Fig. 3.

The applicant states, "My reason for making the amendments is to more clearly explain the novel features of the invention as foreshadowed in the provisional specification, and to more strictly define the scope of the claims."

J. C. LEWIS,
Deputy Registrar.

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 10th January, 1907, to the 23rd January, 1907, inclusive:—

- No. 20698.—J. H. Hickman, show-case.*
- No. 20699.—J. H. Hickman, show-case.*
- No. 20709.—A. E. Kellam, brooch and pin fastener.*
- No. 20710.—L. Chisholm, oil-can.*
- No. 20714.—A. H. Braithwaite, three-horse swingletree.*
- No. 20722.—A. Beck, internal-combustion engine.*
- No. 20835.—J. Bowner, can for boiling water.
- No. 20836.—H. T. Twiss, milk-can.
- No. 20839.—F. Gossler, linotype machine.
- No. 20842.—F. G. Semb, billiard-recorder.
- No. 20848.—A. A. Gibbs, curtain-suspender.
- No. 20854.—A. Gillies, teat-cup of milking-machine.
- No. 20858.—A. Williams, trolley-pole adjuster.
- No. 20859.—A. Williams, tin-opener.
- No. 20860.—J. O. Galbally, window-sash adjuster.
- No. 20861.—R. E. Brett, astronomical instrument.
- No. 20863.—A. Curwood, clothes-peg.
- No. 20865.—G. A. Watson, milk-strainer fastening.
- No. 20866.—H. E. McDonald, spanner.
- No. 20875.—C. J. Tuck, shackle or link.
- No. 20876.—C. J. Tuck, cart-saddle pocket.
- No. 20877.—J. G. Dawson, egg-carrier.
- No. 20887.—M. Woods and T. J. Gilbert, dressing rails.
- No. 20888.—D. Morgan, riffling-device for gold, &c., saving.
- No. 20889.—A. A. Holdsworth, tent.
- No. 20893.—W. Angus, valve.
- No. 20894.—T. J. Davenport, trace-hook.
- No. 20896.—J. W. Mackay, prop-clip.
- No. 20899.—J. S. Ryan, tram-rail cleaner.
- No. 20901.—O. K. Carlson, protecting water-pipes from frost.
- No. 20902.—W. E. Garey and F. Castle, floor-polisher.
- No. 20903.—J. J. Macky, aerated-water bottle.

* Omitted from last Gazette.

Application for Letters Patent void.

APPLICATIONS for Letters Patent, with which complete specifications have been lodged, void, owing to non-acceptance of such complete specifications, from the 10th January, 1907, to the 23rd January, 1907, inclusive:—

- No. 20180.—R. Love and T. H. Keesing, pictorial post-card.

Applications for Letters Patent lapsed.

LIST of Letters Patent lapsed, owing to Letters Patent not being sealed, from the 10th January to the 23rd January, 1907, inclusive:—

- No. 19701.—D. St. C. Macgregor, raising and lowering curtain-poles.
- No. 19709.—A. J. Border, station-indicator.
- No. 19715.—A. J. Hunter, alternating gear for septic-tank discharge.
- No. 19737.—H. Carlson, hobble.
- No. 19741.—E. Sprey, spring hooks and eyelets.
- No. 19743.—G. Barrett, tool-holder.
- No. 19746.—W. Coyle, H. Gentles, and J. M. Morran, safety-pin.
- No. 19758.—H. J. Lloyd, daylight-reflector.
- No. 19762.—A. F. Jagger, metal-castings mould-dresser.
- No. 19780.—J. Hercus, W. Morton, and F. W. Barton, flooring, lining, &c., cramp.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 10th to the 23rd January, 1907, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 15500.—J. Murphy, means for securing front of horse-cover.
- No.*15506.—G. Adcock, milk-strainer.
- No.*15513.—T. Rice, umbrella-clip.
- No.*15515.—J. P. Wiens, dustless-sweeping brush.
- No. 15516.—W. A. Maddern, furnace.
- No. 15519.—A. Weaver, wool-washing apparatus.
- No. 15521.—A. A. Humphrey, air-compressor.
- No. 15532.—A. E. Cleaver, fire-escape.
- No. 15537.—R. P. Gibbons, steam-engine.
- No. 15538.—W. J. Botting, blight-destroyer.
- No. 15541.—W. C. Forbes, distance-recorder for ships.
- No. 15542.—The Clancy White-lead Company Proprietary, Limited, manufacture of white-lead from lead-ores. (J. C. Clancy.)
- No. 15550.—P. F. A. and J. Robertson, seed-sower.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 11980.—H. A. and R. J. Hancox, rotary engine.*
- No. 11992.—S. L. Fog and A. G. Kirschner, headless match.*
- No. 11993.—E. Maertens, cleaning wool.*
- No. 12008.—J. J. Pearce, grid or broiler.*
- No. 12025.—Wright's Taper Roller BearingsTM Syndicate, Limited, roller bearings. (W. H. Wright.)*
- No. 12055.—D. Gilmour, manufacture of lumber.*
- No. 12071.—H. Tindal, apparatus for production of ozone.*
- No. 12072.—H. Tindal, liquid-steriliser.*
- No. 12078.—A. C. Kley, printing-apparatus.
- No. 12079.—A. C. Klev, inking-pad.
- No. 12087.—The Parish's Patent Steam Jacketed Cooker Company, Limited, steam-cooker. (E. W. Parish.)
- * No. 12088.—D. Gilmour, lumber-manufacture.
- * No. 12092.—W. E. Shaw, lid.
- * No. 12107.—W. E. Hughes, means for attaching corrugated-iron sheets. (C. H. Windle.)

* Omitted from last Gazette.

THROUGH EXPIRY OF TERM.
Nil.

Design expired.

THE copyright in the following design has expired:—
No. 144.—Stephen Mills, of Greymouth, New Zealand, Class 3.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 23rd January, 1907.

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: 5480.
Date: 23rd August, 1905.

TRADE MARK.



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

NAME.

C. MACHEN AND HUDSON, of 42 Great Howard Street, Liverpool, England, Export Bottlers.

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

No. of application: 6321.
Date: 2nd November, 1906.

TRADE MARK.



The essential particulars of this trade mark are the combination of devices and the word "Bilz"; and applicants disclaim any right to the exclusive use of the added matter.

NAME.

SCHREIBER AND Co., of Cromwell Buildings, 366A Bourke Street, Melbourne, in the State of Victoria and Commonwealth of Australia.

No. of class: 42.
Description of goods: Cordials, non-alcoholic.

No. of application: 6322.
Date: 2nd November, 1906.

TRADE MARK.

(The mark as shown in preceding notice, No. 6321.)

The essential particulars of this trade mark are the combination of devices and the word "Bilz"; and applicants disclaim any right to the exclusive use of the added matter.

NAME.

SCHREIBER AND Co., of Cromwell Buildings, 366A Bourke Street, Melbourne, in the State of Victoria and Commonwealth of Australia.

No. of class: 44.
Description of goods: Mineral and aerated waters.

No. of application: 6344.
Date: 28th November, 1906.

TRADE MARK.

The words

"KIA ORA."

NAME.

WHITTOME, STEVENSON, AND Co., LIMITED, of Domain Factory, Auckland, in the Provincial District of Auckland, in the Colony of New Zealand, Manufacturers.

No. of class: 42.

Description of goods: Substances used as food or as ingredients in food, except tea or the like, such as cereals, flour, oatmeal, cornflour, bread, scones, pastry, cakes, biscuits, malt, pulse, hops, yeast, baking-powder, custard-powder, powdered gelatine, egg-powder, lard, cream tartar, tartaric acid, citric acid, dripping, honey, condensed milk, coffee, cocoa, chocolate, confectionery, fresh fruit, preserved fruit, canned fruit, dried fruit, preserved pineapples, cocanut, milk, cream, sugar, jam, marmalade, bonbons, olive-oil, salad-oil, oil-cakes, sago, essences, jellies, cheese, pepper, mustard, anchovies, vinegar, cayenne-pepper, chutney, curry-powder, ketchup, pickles, sauces, condiments, unfermented and non-alcoholic bitters, chemical food, salt, egg-preserved, eggs, canned vegetables, preserved vegetables, garden produce, beer-clarifier, limejuice, cordials, non-aerated beverages, non-alcoholic beverages, salmon, fish, preserved fish, salted fish, canned fish, dead rabbits, dead hares, dead game, dead poultry, bacon, ham, preserved meat, extract of meat, canned meat, spiced meat, regged meat, salted meat, and frozen meat.

No. of application: 6386.
Date: 20th December, 1906.

TRADE MARK.



The essential particular of this trade mark is the distinctive device, viz., a tree; and applicants disclaim any right to the exclusive use of the added matter.

NAME.

ALFRED TYREE AND Co., LIMITED, of Lichfield Street, Christchurch, in the Colony of New Zealand, Boot Importers and Manufacturers' Agents.

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

No of application : 6396.
Date : 28th December, 1906.

TRADE MARK.



The essential particulars of the trade mark are the following—the distinctive label and the combination of devices; and applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their name.

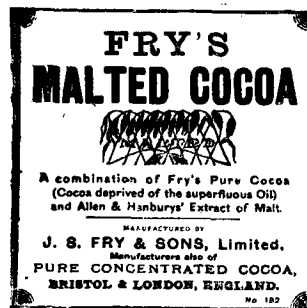
NAME.

J. S. FRY AND SONS, LIMITED, of 25 Union Street, Bristol, England, Cocoa and Chocolate Manufacturers.

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

No. of application : 6397.
Date : 28th December, 1906.

TRADE MARK.



The essential particulars of the trade mark are the following—the distinctive label and the combination of devices; and applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of their name.

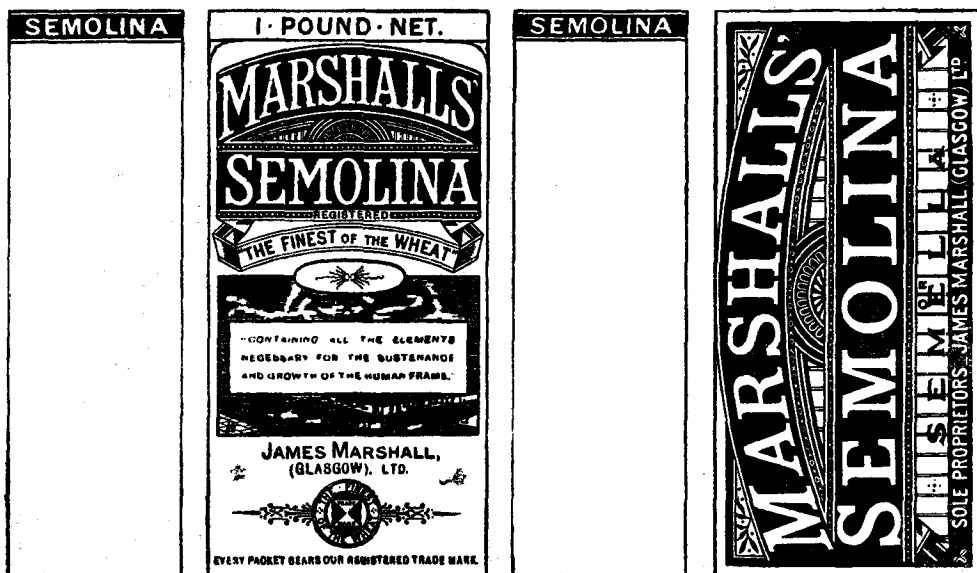
NAME.

J. S. FRY AND SONS, LIMITED, of 25 Union Street, Bristol, England, Cocoa and Chocolate Manufacturers.

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

No. of application : 6400.
Date : 2nd January, 1907.

TRADE MARK.



The essential particulars of this trade mark are as follows—the combination of devices and the distinctive label; and applicants disclaim any right to the exclusive use of the added matter, except their name.

NAME.

JAMES MARSHALL (GLASGOW), LIMITED, of 25 East Cumberland Street, in the County of the City of Glasgow, Scotland, Millers.

No. of class : 42.
Description of goods : A cereal product for food.

No. of application : 6401.
Date : 2nd January, 1907.

TRADE MARK.

The word

“ FAROLA.”

NAME.

JAMES MARSHALL (GLASGOW), LIMITED, of 25 East Cumberland Street, in the County of the City of Glasgow, Scotland, Millers.

No. of class : 42.
Description of goods : A cereal product for food.

No. of application : 6405.
Date : 5th January, 1907.

TRADE MARK.



The essential particulars of this trade mark are the word “Curatyre” and the design; and applicants disclaim any right to the exclusive use of any added matter.

NAME.

ROBERT HENRY LUCAS, of 73 Flemington Road, North Melbourne, Victoria, in the Commonwealth of Australia, Chemical-manufacturer.

No. of class : 50.
Description of goods : A compound for automatically sealing punctures in pneumatic tires and the like (no india-rubber contained in this compound).

No. of application : 6406.
Date : 5th January, 1907.

TRADE MARK.

The word

“ DJIN-DJIN.”

NAME.

JAMES JOSEPH CRONIN, of Sussex Chambers, Wellington, in the Colony of New Zealand, Wholesale Merchant and Indent Agent.

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

No. of application : 6407.
Date : 5th January, 1907.

TRADE MARK.

The word

“ AJAX.”

NAME.

JAMES JOSEPH CRONIN, of Sussex Chambers, Wellington, in the Colony of New Zealand, Wholesale Merchant and Indent Agent.

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

No. of application : 6408.
Date : 7th January, 1907.

TRADE MARK.

The word

“ NUT.”

NAME.

GEORGE WILLIAM HEAN, of Christchurch, in the Colony of New Zealand, Chemist.

No. of class : 3.
Description of goods : Pills or other medicines.

No. of application : 6411.
Date : 9th January, 1907.

TRADE MARK.



The applicants claim that this trade mark has been in use by them in respect of the goods mentioned since the year 1881.

NAME.

THE STANDARD TOOL COMPANY, an incorporated company doing business at 1260 Central Avenue, in the City of Cleveland, County of Cuyahoga and State of Ohio, in the United States of America, Manufacturers of Machinists' Tools.

No. of class : 12.
Description of goods : Twist drills, taps, reamers, milling-cutters, and other small machinists' tools.

No. of application : 6412.
Date : 9th January, 1907.

TRADE MARK.



NAME.

JAMES McDONALD COX, trading as "Eureka Consumption Cure," of 94 Pitt Street, Sydney, in the State of New South Wales and Commonwealth of Australia, Manufacturer.

No. of class : 3.

Description of goods: Medicinal preparations for the cure of consumption and other diseases.

No. of application : 6413.
Date : 9th January, 1907.

TRADE MARK.

The word

" FERRINE. "

NAME.

ALCIDE CHARLES GEORGES JOSEPH DESMAZURES, of Noumea, New Caledonia, Manufacturer.

No. of class : 1.

Description of goods: Paints and pigments.

No. of application : 6415.
Date : 10th January, 1907.

TRADE MARK.

The word

" METEOR. "

NAME.

THE UNION OIL, SOAP, AND CANDLE COMPANY, LIMITED, of Lower Albert Street, Auckland, in the Colony of New Zealand.

No. of class : 47.

Description of goods: Candles.

No. of application : 6416.
Date : 10th January, 1907.

TRADE MARK.



The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned from the year 1886.

NAME.

WHEELER AND WILSON MANUFACTURING COMPANY, a corporation organized under the laws of the State of Connecticut, and located and doing business in the City of Bridgeport, County of Fairfield, Connecticut, United States of America.

No. of class : 6.

Description of goods: Sewing-machines of all kinds and their parts and attachments.

No. of application : 6417.
Date : 10th January, 1907.

TRADE MARK.

Wheeler
&
Wilson
MFG Co.

The applicants claim that this trade mark has been in use by them in respect of the articles mentioned from the year 1886.

NAME.

WHEELER AND WILSON MANUFACTURING COMPANY, a corporation organized under the laws of the State of Connecticut, and located and doing business in the City of Bridgeport, County of Fairfield, Connecticut, United States of America.

No. of class : 6.

Description of goods: Sewing-machines of all kinds and their parts and attachments.

No. of application : 6420.
Date : 11th January, 1907.



The essential particulars of this trade mark are—the distinctive device in the shape of the letter Q, the horse climbing the hammer, and pincers crossed, the horse-shoe, and the nail-cap; and applicant disclaims any right to the exclusive use of the added matter, except his name.

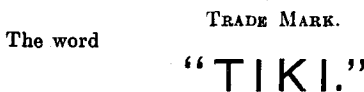
NAME.

WILMOT CLIFTON QUINNELL, M.R.C.V.S., of 12 Taranaki Street Extension, in the City of Wellington, in the Colony of New Zealand, Veterinarian, trading as "The Wellington Animal Hospital and School of Farriery."

No. of class : 2.

Description of goods : Chemical substances prepared for use for veterinary purposes.

No. of application : 6421.
Date : 12th January, 1907.



NAME.

COLLINS BROS. AND Co., LIMITED, of Auckland, in the Provincial District of Auckland and Colony of New Zealand.

No. of class : 39.

Description of goods : Playing-cards.

No. of application : 6427.
Date : 17th January, 1907.



NAME.

HENRY ALFRED LADBROOK, of Tay Street, Invercargill, in the Colony of New Zealand, Cycle Dealer.

No. of class : 22.

Description of goods : Bicycles and motor-bicycles, and motor-cars.

No. of application : 6432.
Date : 27th December, 1906.



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

NAME.

J. E. WATSON AND Co., LIMITED, of Invercargill, in the Colony of New Zealand.

No. of class : 42.

Description of goods : Cheese, Stilton cheese, bacon, oat-meal.

J. C. LEWIS,
Deputy Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 12th to the 26th January, 1907, inclusive :—

- No. 4888 ; 6157.—G. G. Sandeman, Sons, and Co., Limited. Class 43. (*Gazette* No. 93, of the 1st November, 1906.)
- No. 4889 ; 6255.—W. Anderson. Class 42. (*Gazette* No. 93, of the 1st November, 1906.)
- No. 4890 ; 6271.—W. Waterhouse. Class 42. (*Gazette* No. 93, of the 1st November, 1906.)
- No. 4891 ; 6277.—W. F. Roberts. Class 42. (*Gazette* No. 93, of the 1st November, 1906.)
- No. 4892 ; 6284.—M. B. Hern. Class 9. (*Gazette* No. 93, of the 1st November, 1906.)
- No. 4893 ; 6293.—J. B. Stetson Company. Class 38. (*Gazette* No. 93, of the 1st November, 1906.)
- No. 4894 ; 6202.—Lever Bros., Limited. Class 47. (*Gazette* No. 88, of the 18th October, 1906.)
- No. 4895 ; 6203.—Lever Bros., Limited. Class 48. (*Gazette* No. 88, of the 18th October, 1906.)
- No. 4896 ; 6206.—Lever Bros., Limited. Class 47. (*Gazette* No. 88, of the 18th October, 1906.)
- No. 4897 ; 6257.—Reckitt and Sons, Limited. Class 47. (*Gazette* No. 88, of the 18th October, 1906.)
- No. 4898 ; 6297.—Schott and Gen. Class 15. (*Gazette* No. 96, of the 15th November, 1906.)
- No. 4899 ; 5740.—A. Lowry. Class 22. (*Gazette* No. 10, of the 8th February, 1906.)
- No. 4900 ; 6328.—The Spider Golf-ball Syndicate. Class 49. (*Gazette* No. 96, of the 15th November, 1906.)
- No. 4901 ; 6333.—F. J. Cooper. Class 2. (*Gazette* No. 96, of the 15th November, 1906.)
- No. 4902 ; 6334.—F. J. Cooper. Class 3. (*Gazette* No. 96, of the 15th November, 1906.)
- No. 4903 ; 6335.—F. J. Cooper. Class 43. (*Gazette* No. 96, of the 15th November, 1906.)

Trade Mark Renewal Fees paid.

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

- No. 715/577.—27th February, 1907.—The Distillers Company, Limited, of Edinburgh, Scotland. 10th December, 1906.
- No. 687/580.—19th January, 1907.—British-American Tobacco Company, Limited, of London, England. 10th December, 1906.
- Nos. 694/543 and 695/544.—24th January, 1907.—W. Reece, trading as "Edward Reece and Sons," of Christchurch, New Zealand. 2nd January, 1907.

No. 696/834.—25th January, 1907.—The Omimi Dairy Factory Company, Limited, of Seacliff, Otago, New Zealand. 2nd January, 1907.

No. 717/568.—27th February, 1907.—A. B. Donald, trading as "Donald and Edenborough," of Auckland, New Zealand. 11th January, 1907.

No. 879/729.—31st August, 1907.—J. and J. Colman, Limited, of London, England. 11th December, 1906.

No. 883/733.—31st August, 1907.—J. and J. Colman, Limited, of London, England. 11th December, 1906.

No. 884/734.—31st August, 1907.—J. and J. Colman, Limited, of London, England. 11th December, 1906.

No. 885/735.—31st August, 1907.—J. and J. Colman, Limited, of London, England. 11th December, 1906.

No. 886/736.—31st August, 1907.—J. and J. Colman, Limited, of London, England. 11th December, 1906.

No. 887/737.—31st August, 1907.—J. and J. Colman, Limited, of London, England. 11th December, 1906.

Trade Marks removed from the Register.

TRADe Marks removed from the Register, owing to the non-payment of the renewal fees, from the 12th December, 1906, to the 9th January, 1907, inclusive:—

No. 564/462.—12th September, 1892.—Sorenson and Busck, of Manaia, N.Z. Class 42.

No. 565/479.—15th September, 1892.—S. King and P. Engel ("Lange and Thoneman"), of Melbourne, Vic. Class 42.

No. 566/480.—15th September, 1892.—S. King and P. Engel ("Lange and Thoneman"), of Melbourne, Vic. Class 42.

No. 568/482.—15th September, 1892.—S. King and P. Engel ("Lange and Thoneman"), of Melbourne, Vic. Class 42.

No. 569/498.—15th September, 1892.—R. Harper and Co., of Melbourne, Vic. Class 42.

No. 570/499.—15th September, 1892.—R. Harper and Co., of Melbourne, Vic. Class 42.

No. 574/445.—21st September, 1892.—Stone Bros. and Co., of Auckland, N.Z. Class 42.

No. 577/446.—27th September, 1892.—N. C. Schumacher, of Lyttelton, N.Z. Class 44.

No. 579/490.—30th September, 1892.—The Mauriceville Dairy Company, Limited, of Mauriceville, N.Z. Class 42.

No. 581/447.—6th October, 1892.—H. E. Grear and W. H. Grear ("H. and W. Grear"), of Sydney, N.S.W. Class 1.

No. 582/472.—6th October, 1892.—The Pyn-Ka Syndicate, Limited, of Liverpool, Eng. Class 50.

No. 586/461.—12th October, 1892.—A. Hill, of Christchurch, N.Z. Class 44.

No. 591/491.—17th October, 1892.—R. T. Booth and Co., Limited, of Dunedin, N.Z. Class 3.

No. 593/698.—18th October, 1892.—E. H. Crease and Son, of Wellington, N.Z. Class 42.

No. 596/488.—20th October, 1892.—Gilmour and Falkner, of Manaia, N.Z. Class 42.

Subsequent Proprietors of Trade Mark registered.

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

NO. 951/741.—James Shiel, James Hugh Nimmo, and George William Gibson, all of Dunedin, in Otago, New Zealand, Seed Merchants. [J. H. Hancock—Hood and Davidson.] 21st January, 1907.

Application for Trade Mark withdrawn.

THE following application for Trade Mark has been withdrawn:—

No. 5741.—R. Dunne. (Advertised in Supplement to *New Zealand Gazette*, No. 10, of the 8th February, 1906.)

Trade Mark Registration cancelled.

BY order of the Court the Register has been rectified by the cancellation of the following trade mark:—

No. 5154/4047.—The Cambridge Bottling Stores: Beaver Brand. (Advertised in Supplement to *New Zealand Gazette*, No. 17, of the 23rd February, 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.

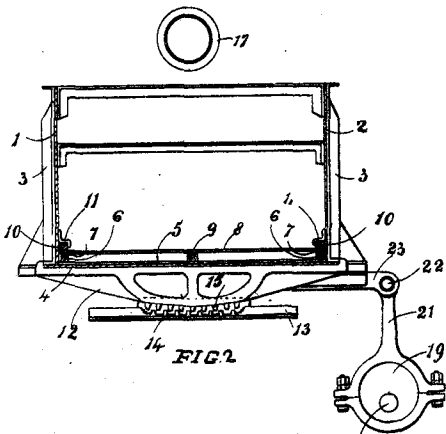
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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.

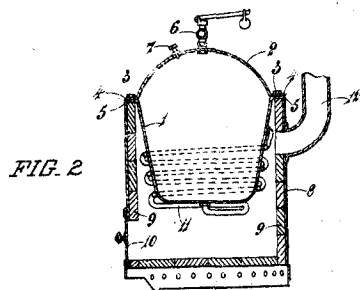
By Authority: JOHN MACKAY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

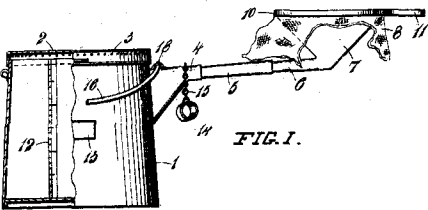
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



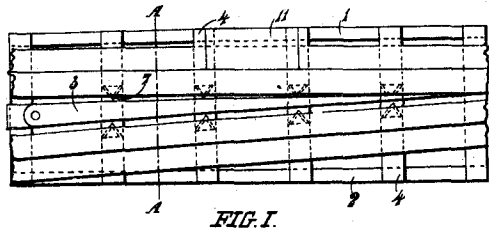
20689
Williams. Sifting-screen.



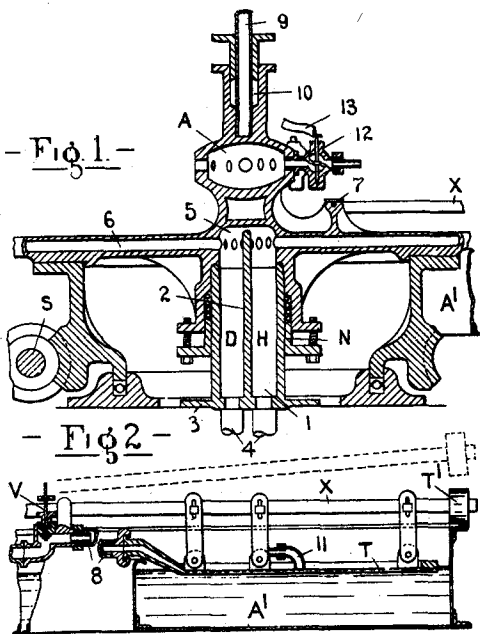
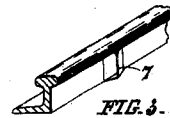
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Storey. Boiler.



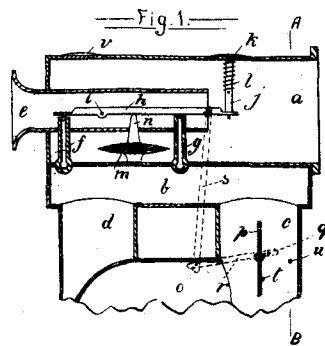
20695
Quinnell. Milk pail and stool.



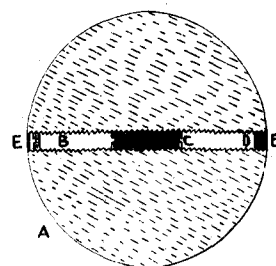
20793
Gillies. Tramway-point.



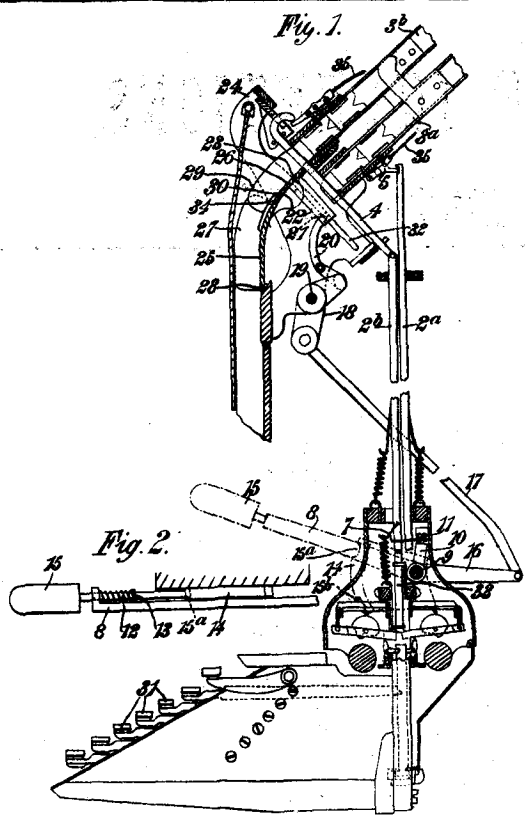
20819
Ridgway. Filter.



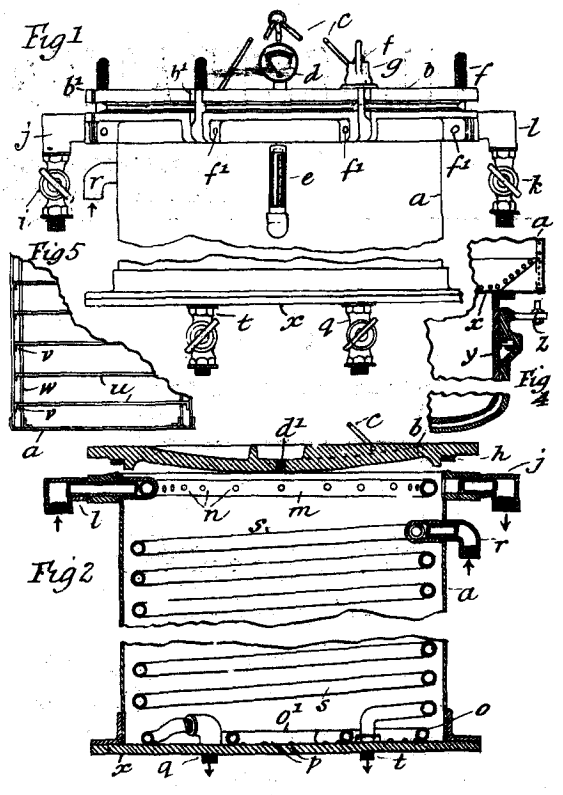
21194
Dörwald. Carburettor.



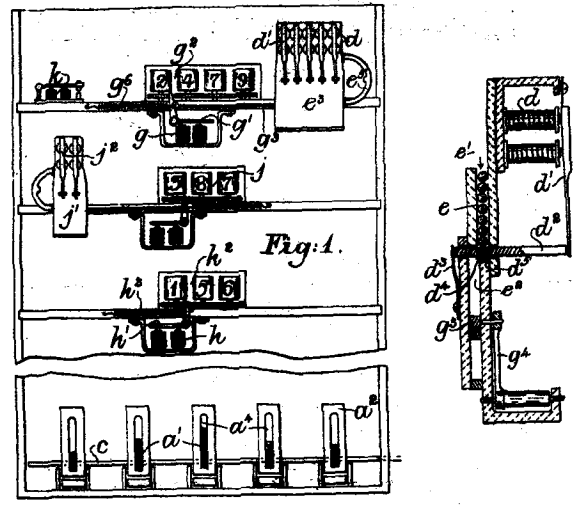
21689
Dall. Bowl adjustment.



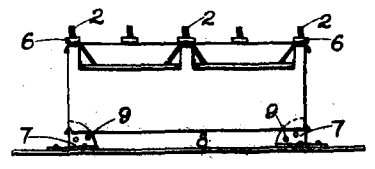
22178
Hughes. Linotype (Linotype and Machinery Ltd.—Mayer and Albrecht.)



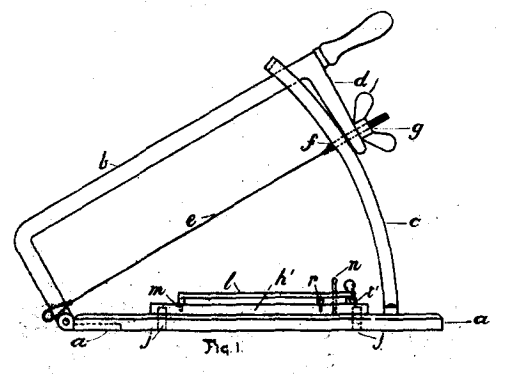
22186
Baker. Treating substances under pressure.



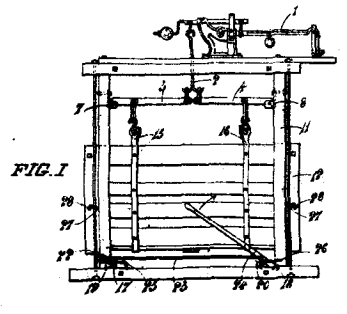
22226
Parry. Counting-machine.



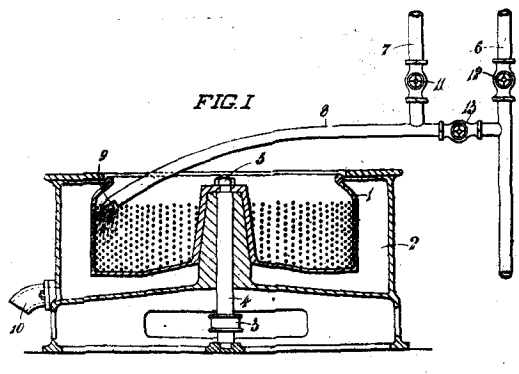
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Christie. Skylight.



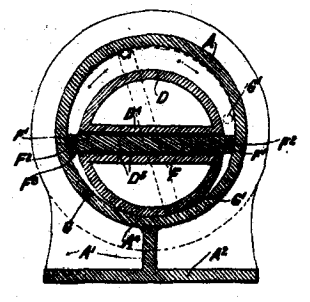
22204
Eddy. Wire cheese-cutter.



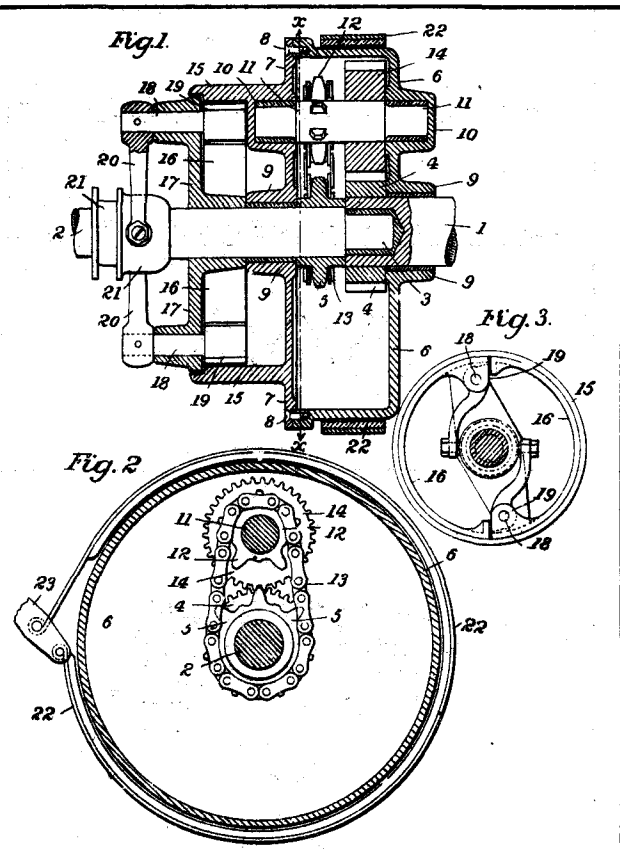
22182
Cooper. Scales.



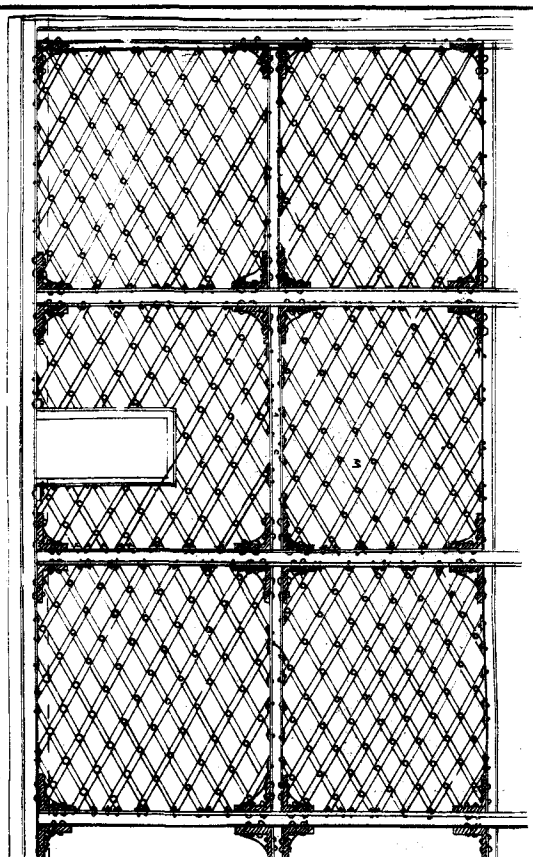
20849
Becker. Hydro-extractor.



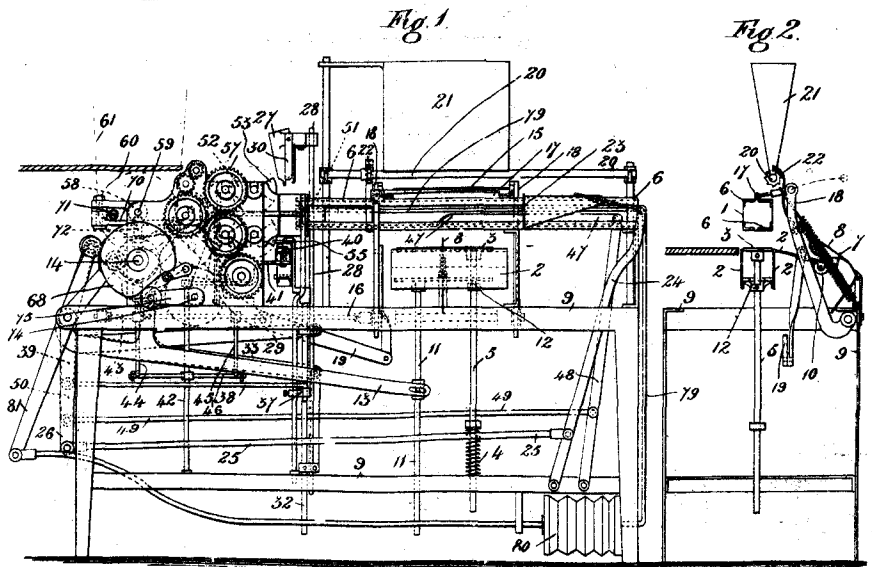
20852
Delehanty. Rotary Engine.



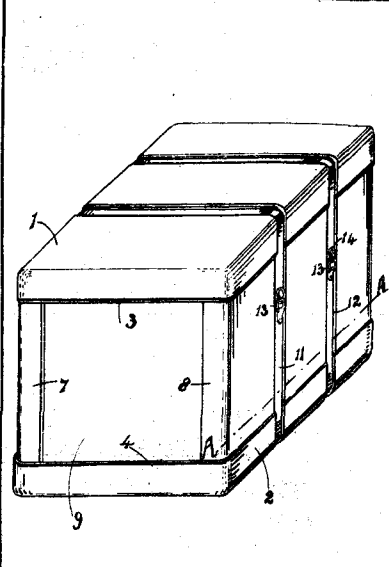
22174
Gies Gear Co. Reversing-gear. (Gies.)



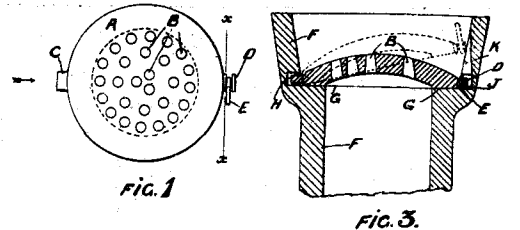
22011
A. H. & D. J. Byron. Steel framing for buildings.



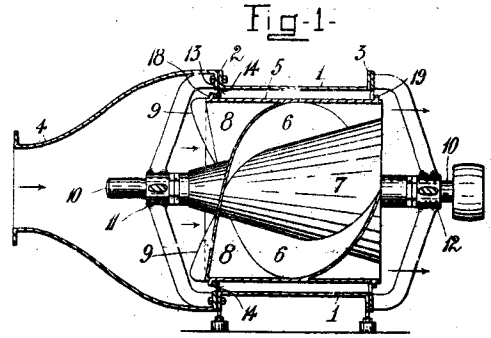
22180
Fricker. Paper-bag machine.



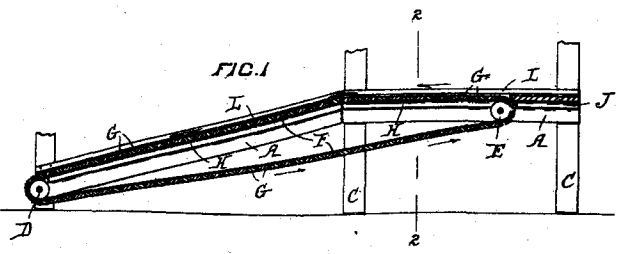
22257
Sutton. Box.



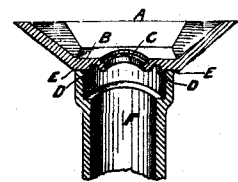
22245
Clark. Drain-grating.



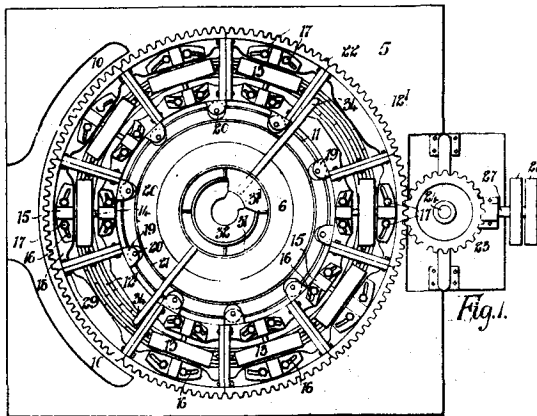
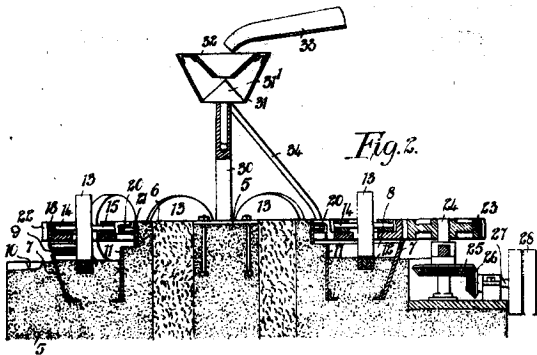
21163
Gilday. Pump.



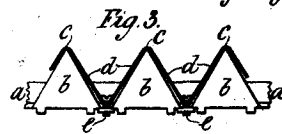
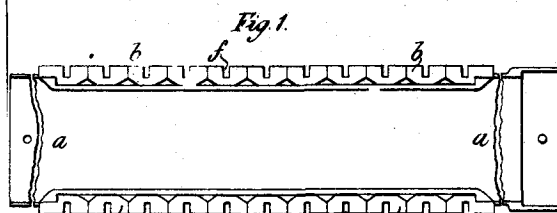
22196
Fry. Sheep-race.



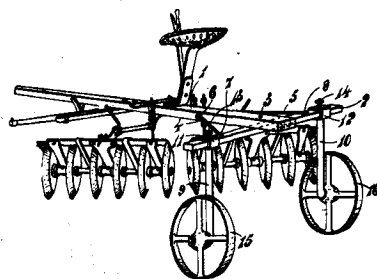
22243
Clark. Yard-sink.



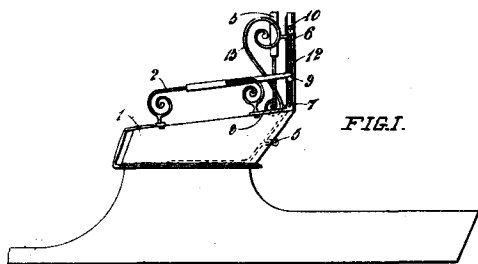
21795 Storey and Wauchape. Ore-crusher.



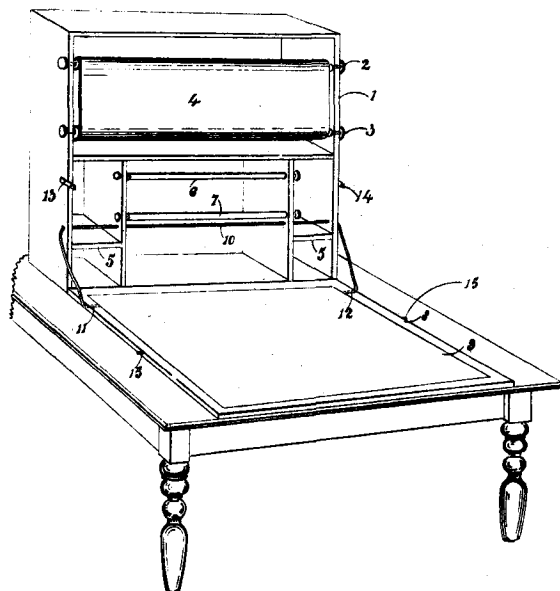
21889 Stoddart. Liquid-distributor.



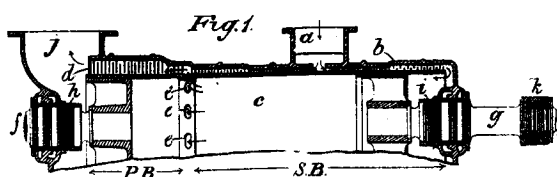
21923 Taylor. Harrow.



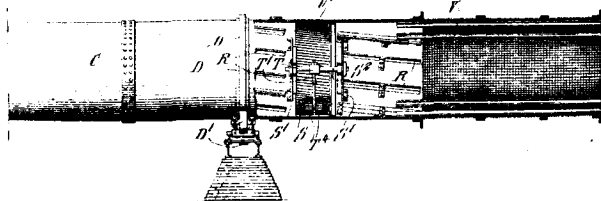
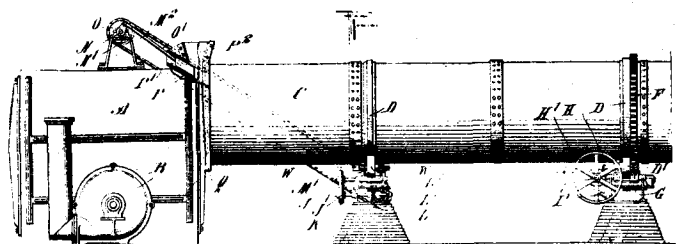
21989 Leydon. Vehicle-seat.



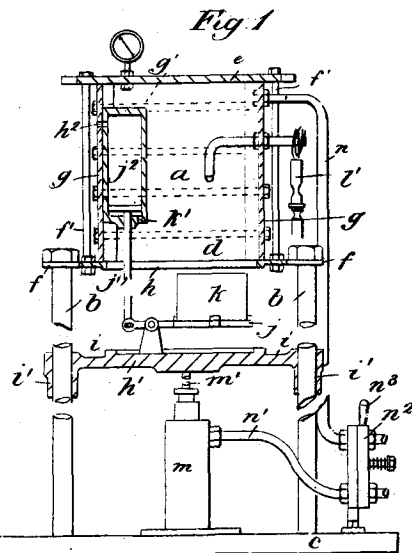
22088 McFee. Cabinet and teaching-appliance.



22150 J. Samuel White & Co. Ltd., Carnit and Forster. Turbine.



21946 Rissmuller. Dryer and grinder.



22028 Farquhar and North. Tin-seal.