

Patents, Designs, and Trade Marks

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, MAY 2, 1912.

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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.	Hungary with Bosnia and Herzegovina.
Austria.	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.*	Trinidad and Tobago.
	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, 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 Office Agent appointed.

Department of Justice, Wellington, 26th April, 1912.

HIS Excellency the Governor has been pleased to appoint

DANIEL PAUL PHILLIPS

to be Patent Office Agent at Westport, as from the 1st April, during the absence of O. E. Bowling.

J. A. HANAN.

Specifications open to Public Inspection before Acceptance.

(In accordance with the arrangements made between Australia and New Zealand.)

[The specifications may be inspected at the Patent Office, Wellington, on payment of a search fee of 1s. per hour.]

(NOTE.—The date given is the prior date applied for.)

N^{O.} 31087.—28th April, 1911.—A. P. Turnbull, wind-motor speed-governor.N^{O.} 31206.—27th April, 1911.—E. Buttery, shirt, &c., neck-band.

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 in brackets. † Denotes an application under the International and Intercolonial Arrangements.)

Meek, G., Dunedin, N.Z. . . . .	..	..	Mattress-retainer; 31159; 12th April.
Wright, E. L., Brisbane, Queens. . . . .	..	..	Roofing-tile machine; 31160; 13th April.
Messenger, J. H., London, Eng. . . . .	..	..	Tire*; 31161; 11th April, 1911.†
Lennon, T., Oponake, N.Z. . . . .	..	..	Alarm, fire, &c.; 31162; 11th April.
Cochrane, J., Auckland, N.Z. . . . .	..	..	Fluid, &c., agitation; 31163; 11th April.
Massey, W., Auckland, N.Z. . . . .	..	..	Fluid, &c., agitation; 31163; 11th April.
Latta, R., Owaka, N.Z. . . . .	..	..	Saw-bench attachment; 31164; 13th April.
Colins, R. M., Melbourne, Vic. . . . .	..	..	Ink-cabinet; 31165; 12th April.
McLaughlin, W. B., New York, U.S.A. . . . .	..	..	Desiccator*; 31166; 12th April.
Pees, C. S., Palmerston North, N.Z. . . . .	..	..	Cinematographic-picture projection, &c; 31167; 15th April.
Charlton, F., Wellington, N.Z. . . . .	..	..	Cinematographic-picture projection, &c.; 31167; 15th April.
Whitelaw, A. A., Wellington, N.Z. . . . .	..	..	Cinematographic-picture projection, &c.; 31167; 15th April.
Welch, G. J., Wanganui, N.Z. . . . .	..	..	Non-refillable bottle; 31168; 15th April.
McCaffrey, J., Capleston, N.Z. . . . .	..	..	Floor-scrubber; 31169; 15th April.
Ferris, D., Capleston, N.Z. . . . .	..	..	Floor-scrubber; 31169; 15th April.
Barrell, L. S., Hawera, N.Z. . . . .	..	..	Milk-release; 31170; 15th April.
Banks, W. A. D., Christchurch, N.Z. . . . .	..	..	Hatpin; 31171; 16th April.
Grumwald, G., Koputarua, N.Z. . . . .	..	..	Acetylene-generator*; 31172; 16th April.
Sneppard, T., Woodford, Eng. . . . .	..	..	Boot-cleaner; 31173; 16th April.
Eastwood, H., Seacombe, Eng. . . . .	..	..	Boot-cleaner; 31173; 16th April.
Raymond, F. V., Invercargill, N.Z. . . . .	..	..	Flax-treatment; 31174; 16th April.
Bere, W. O., Wellington, N.Z. . . . .	..	..	Flax-treatment; 31174; 16th April.
Rough, J. E., Foxton, N.Z. . . . .	..	..	Flax-treatment; 31174; 16th April.
Wastall, A., Shortland, N.Z. . . . .	..	..	Cow-tail clip; 31175; 13th April.
Jacquier, G., Johannesburg, Trans. . . . .	..	..	Gold and zinc recovery; 31176; 17th April.
Turnbull, A. P., Randwick, N.S.W. . . . .	..	..	Electric-generator mounting on windmill-frame*; 31177; 17th April.
Anderson, H., Palmerston North, N.Z. . . . .	..	..	Bench-cramp; 31178; 17th April.
Lowe, A. E., Hastings, N.Z. . . . .	..	..	Bicycle-driving gear; 31179; 17th April.
Terry, E. W., Hawhorn, Vic. . . . .	..	..	Leather-waterproofing; 31180; 16th April.
Kilborn, A., Elsternwick, Vic. . . . .	..	..	Liquid-drawing, &c.*; 31181; 12th June, 1911.†
Magelssen, Kristiania, Norway . . . . .	..	..	Fireproofing articles*; 31182; 18th April.
Marks, L., New Plymouth, N.Z. . . . .	..	..	Non-refillable bottle; 31183; 18th April.
Osborn, W. H., Bendigo, Vic. . . . .	..	..	Roof-water, &c., filter*; 31184; 18th April.
McCauley, D. J. L., Bendigo, Vic. . . . .	..	..	Roof-water, &c., filter*; 31184; 18th April.
Williams, S. B., Hamilton, N.Z. . . . .	..	..	Luggage-label*; 31185; 19th April.
Crawshaw, T. B., Christchurch, N.Z. . . . .	..	..	Trellis or lattice; 31186; 19th April.
Bulte, J., Christchurch, N.Z. . . . .	..	..	Hatpin-point protector; 31187; 20th April.
Hickson, W. E. A., Wellington, N.Z. . . . .	..	..	Varnish, &c., drying on paper; 31188; 20th April.
Wright-Bell Company (<i>Wright, A. H.</i>), Auckland, N.Z. . . . .	..	..	Stamping-machine; 31189; 18th April.
Shacklock, J. B., Dunedin, N.Z. . . . .	..	..	Range attachment; 31190; 18th April.
Loach, P. E., Hastings, N.Z. . . . .	..	..	Malt-essence-extracting machine; 31191; 22nd April.
Rodger, A. W., Norwood, Eng. . . . .	..	..	Curtain-protector*; 31192; 20th May, 1911.†
Downs, J. S., Waikumete, N.Z. . . . .	..	..	Spouting-bracket; 31193; 20th April.
King, G. W., Christchurch, N.Z. . . . .	..	..	Calendar; 31194; 22nd April.
Dawson, W. W., Christchurch, N.Z. . . . .	..	..	Sack-handling device; 31195; 22nd April.
Wallace, G., London, Eng. . . . .	..	..	Advertising, &c., device; 31196; 24th April.
Graham, J. E., London, Eng. . . . .	..	..	Advertising, &c., device; 31196; 24th April.
Walker, A., Dunedin, N.Z. . . . .	..	..	Boiler-frame*; 31197; 20th April.
Marriage, M. W., Dunedin, N.Z. . . . .	..	..	Boiler-frame*; 31197; 20th April.
Fiske, W. G., Puffleet, Eng. . . . .	..	..	Box-cover fastener*; 31198; 30th September, 1911.†
D'Anvers, F. T., Palmerston North, N.Z. . . . .	..	..	Laundry-wringer; 31199; 24th April.
Leonard, L. V., Kensington, Vic. . . . .	..	..	Belt-fastener; 31200; 24th April.
Edwards, G. W., Invercargill, N.Z. . . . .	..	..	Flax-stripper; 31201; 26th April.
North-western Wheel and Wagon Company, Bellingham, U.S.A. (<i>Tomlinson, C. L.</i>) . . . . .	..	..	Wheel*; 31202; 24th April.
United Shoe Machinery Company, Paterson, U.S.A. (<i>McFeely, R. F.</i>) . . . . .	..	..	Pulling-over machine; 31203; 24th April.
United Shoe Machinery Company, Paterson, U.S.A. (<i>Gouldbourn, J., and Hallam, H.</i>) . . . . .	..	..	Welt, &c., securing machine*; 31204; 24th April.
United Shoe Machinery Company, Paterson, U.S.A. (<i>Ashton, O., Galloway, D. E., and Perri, A.</i>) . . . . .	..	..	Pulling-over machine*; 31205; 24th April.
Buttery, E., Mosman, N.S.W. . . . .	..	..	Shirt, &c., neck-band*; 31206; 27th April, 1911.†
Aldred, A. R. E., Wellington, N.Z. . . . .	..	..	Primus, &c., burner; 31207; 24th April.
Griffiths, A. J., Wellington, N.Z. . . . .	..	..	Primus, &c., burner; 31207; 24th April.
Binns, A., Hobart, Tas. . . . .	..	..	Shoe-lace securing; 31208; 24th April.

Dodson, J. D. W., Christchurch, N.Z.	..	..	Pen; 31209; 24th April.
Robertson, A. W., Christchurch, N.Z.	..	..	Pen; 31209; 24th April.
Harvey, W. J., Masterton, N.Z.	..	..	Motor, &c., tire; 31210; 24th April.
Sneddon, D. D., Hukanni, N.Z.	..	..	Teat-cup; 31211; 25th April.
Preston, H., Clareville, N.Z.	..	..	Lotion; 31212; 25th April.
Vorbaeh, J., Renwicktown, N.Z.	..	..	Frame-hook*; 31213; 25th April.
Coles, G. A., and Co., Limited, Auckland, N.Z.	..	..	Leather toe-guard; 31214; 24th April.
Wearn, J. S., Christchurch, N.Z.	..	..	Soap-holder; 31215; 25th April.
Beresford, K., Wellington, N.Z.	..	..	Cold-storage box; 31216; 26th April.
Corson, W. L., San Francisco, U.S.A.	..	..	Liquid-fuel vaporizer*; 31217; 24th April.
Fahey, W. J., Dunedin, N.Z.	..	..	Hatpin-point protector; 31218; 24th April.
Smith, P. F., Dunedin, N.Z.	..	..	Fence; 31219; 24th April.
Hunter, J. D., Dunedin, N.Z.	..	..	Pasteurizer; 31220; 23rd April.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications from the 12th to the 25th April, 1912, inclusive:—

- No. 29712.—G. D. and A. P. F. Watson, fencing-standard.
 No. 29759.—M. Crowley, threshing-machine drum.
 No. 29866.—I. A. Blissett, hatpin-protector.
 No. 29870.—Ridd Milking Machine Company, Limited, milking-machine pulsator. (S. J. Sutton.)
 No. 29875.—H. G. Daikee, noxious-weeds eradicating.
 No. 29885.—W. T. Fowler, reaping-machine.
 No. 29893.—H. G. Daikee, box, &c., binding.
 No. 29899.—T. Corlett, range plate-rack.
 No. 29912.—J. J. Raynes, water heater.
 No. 29957.—H. H. Hinds, kapoc-scutcher, &c. (J. F. Wilson.)
 No. 29983.—United Shoe Machinery Company, inseam-sewing machine. (W. C. Meyer.)
 No. 29984.—United Shoe Machinery Company, sole-sewing machine. (A. Bates.)
 No. 30717.—J. Maitland, fencing-standard.
 No. 31114.—J. C. Field, train electric-signal circuit.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 1st May, 1912.

COMPLETE specifications relating to the un-dermentioned 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.

The copies of claims and extracts from the specifications and drawings are merely intended to give some further indication of the invention than is disclosed in the title, and the complete specifications and drawings should be referred to for a description of the invention.

No. 29136.—15th February, 1911.—LEONHARD PINK, of Blumenstrasse 70, Berlin, Germany, Pharmaceutical Chemist. Improvements in and relating to jointless coverings of walls, floors, and the like.

Claims.—(1.) A covering-compound for floors, walls, and so forth which consists in oleic acid and phosphoric acid, combined with a mass composed of burnt magnesite, magnesium-chloride lye, and a filling-agent, as described. (2.) A covering-compound for floors, walls, and so forth which consists in the addition, as described, of oleic acid alone, or with phosphates, to a mass of the kind set forth. (3.) The mode of producing a jointless covering for floors, walls, and so forth consisting in applying the compound of claims 1 or 2, and in stripping and wetting, as indicated. (Specification, 2s. 6d.)

No. 29429.—25th April, 1911.—DANIEL MCGILL, of Te Puni Street, Petone, Wellington, New Zealand, Engineer. Improved chemical process for treating flax.*

Claim.—(1.) A process of treating flax consisting in subjecting the flax, first, to the action of an alkaline bath, then to the action of a second bath containing chloride of lime, then to the action of a third bath containing diluted sulphuric acid, finally washing the fibres in water, and drying the same, as set forth. (Specification, 3s.)

[NOTE.—Here follows one other claim.]

No. 29442.—26th April, 1911.—FREDERICK WILLIAM ROOKE, of 73 Elgin Street, Hawthorn, Victoria, Australia, Mechanical Engineer, and JOHN RICHARD BRISTOW, of 97 Drummond Street, Carlton, Victoria aforesaid, Mechanical Engineer. Improvements in hairpins, and mode of using them for fastening purposes.

Claim.—(1.) A hairpin having any suitable head, and a helix of regular pitch, or nearly so, but with the diameter greatest at the point and decreasing in the direction of the head, whereby to enclose hair and to compress it, as described. (Specification, 4s. 6d.)

[NOTE.—Here follow two other claims.]

No. 29452.—27th April, 1911.—FRANK VICTOR RAYMOND, Solicitor, and JAMES E. ROUGH, Flax-miller, both of Foxton, and WYNFORD ORMSBY BEERE, Surveyor, of Wellington, all of New Zealand. Improvements in machines for treating flax.*

Claim.—The combination of a series of superposed pairs of rollers, pipes delivering jets of water to each pair in the direction of travel of fibre through the rollers, scrapers for removing vegetable matter adhering to the rollers, and compression-springs to each pair of rollers for keeping the peripheries of each pair of rollers in contact, as set forth. (Specification, 3s.)

No. 29471.—29th April, 1911.—GEORGE LESTER BURTON, Salesman, and TYR HERGH O'DONNELL, Salesman, both of Christchurch, New Zealand. Sewing-device for use in forming pile surfaces upon mats, rugs, and the like.

Claim.—(1.) In a device of the character indicated, comprising a pair of handle members slidably attached together, a needle having an eye to receive the yarn secured to and projecting downwardly from the lower end of one member, and a locking-bar correspondingly arranged upon the other member, said needle being offset from said locking-bar, substantially as and for the purpose set forth. (Specification, 3s.)

[NOTE.—Here follows one other claim.]

No. 29694.—6th June, 1911.—WILLIAM HENRY JONES RIDLEY, of Penrose, Auckland, New Zealand, Engineer. Improvements in a generator for the purpose of generating heat from crude petroleum or other liquid fuels for heating purposes.*

Claims.—(1.) Improvements in heat-generating apparatus, comprising a vaporizing and combustion chamber formed of a metal casing and a firebrick lining, and having an injecting-twyer and a burner projecting thereinto at one end, in the manner and for the purpose set forth, as described and illustrated. (2.) Improvements in heat-generating apparatus, comprising an injecting-twyer projecting into the vaporizing and combustion chamber and having opening thereinto a liquid-fuel-supply passage, said twyer being also connected to the forced-draught or blast supplies and steam-supply, in the manner and for the purpose set forth, as described and illustrated. (3.) Improvements in heat-generating apparatus, comprising a burner secured in position over the injecting-twyer and connected to the forced-draught or blast supplies and to the steam-supply, in the manner and for the purpose set forth, as described and illustrated. (Specification, 4s.)

[NOTE.—Here follow three other claims.]

No. 30937.—26th February, 1912.—JOHN HEATH NEWLYN, of Christchurch, New Zealand, Registrar of Electors. Disc balloting-machine for recording separately the votes cast for each candidate at an election.

Claim.—A series of ballot-boxes, either detached or combined in sets, corresponding to the number of candidates at an election, and operated by the use of a voting-disc, ball, or other suitable substance, having written, printed, embossed, or engraved thereon the essentials required by law, each box or set of compartments being provided with a bell, which, through the insertion of the disc or discs, &c. (according to the vote or number of votes to which an elector is

entitled), warns the official in charge of the booth or other place of voting that the elector has exercised the franchise; each box or compartment used has on it the name of a candidate, and in cases of preferential or municipal voting the discs are held in suspense in each set of compartments to postpone the ringing of the bell until the voter has exhausted his rights.

(Specification, 2s.)

No. 31004.—6th March, 1912.—CHARLES GIBBS BECKETT, of Christchurch, New Zealand, Agent. Improved indicating-device for tradespeople.

Claim.—A device of the character indicated, comprising the combination with a suitable backing, of a pair of segmental dials formed thereon, each graduated with various numbers of loaves, a pointer pivoted at the geometrical centre of each of said dials and capable of being turned so as to indicate any one of the said graduations, a vertically disposed scale arranged upon said backing between said bread-dials and graduated in pints, quarts, and gallons, and a pointer slidably mounted within a vertical slot in said backing and capable of being adjusted to any position upon the said vertical scale, so as to denote the quantity of milk desired.

(Specification, 2s. 3d.)

No. 31020.—11th March, 1912.—HAROLD ERNEST COOPER, of Railway Street, Rockdale, New South Wales, Australia, Traveller (nominee of George Oswald Duigan, of No. 50 Nickson Street, Surry Hills, near Sydney, New South Wales aforesaid, Engineer). An improved mirror-adjustment.

Extract from Specification.—The mirror-stand consists of the usual uprights, and to these uprights are pivoted arms, and at the other ends of such arms are pivoted links. Such links are provided with arms pivoted thereto and having toothed recesses capable of holding a lug or pin on each of the uppermost arms. The links may be fastened in any suitable manner to the side of the mirror-frame. Stops are provided in the uprights to limit the action of the pivoted arms above referred to.

(Specification, 3s.)

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

No. 31027.—13th March, 1912.—ROBERT MURTON POOLE, Draper, and FREDERICK HENRY DANIEL, Solicitor, both of Mount Gambier, South Australia, Australia. Improvements in spraying-system and apparatus.

Extract from Specification.—By this system a pumping plant is used with automatic mixers for producing a spraying-compound having the strength required for use, and in addition there is a system of surface or underground pipes extending to and between the trees and the plants of any desired extensive fruitgrowing-area, constituted by one or a series of orchards or the like. The owners of such orchards are thus enabled to secure the benefits of co-operation, and many owners may each spray at one time and each one have one or more men engaged in spraying independently of other men's assistance locally. There are provided various mixers, pressure-spraying devices, and connections constituting the features of novelty.

(Specification, 10s.)

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

No. 31028.—13th March, 1912.—THOMAS BASSFORD, of 547 Collins Street, Melbourne, Victoria, Australia, Signalman. Improvements in cycle and other wheel-tires.

Claims.—(1.) In a wheel-tire, the series of ribbon-steel springs having wire-threaded curled ends, in combination with a cover or the like, and a wheel-rim, and a hooked or like bolt-fastening, substantially as set forth. (2.) In a wheel-tire, an outer series of ribbon-steel springs having curled ends, in combination with an inner series of like springs of less length, and wires or the like through the curls. (3.) In a wheel-tire, springs as in the preceding claim, the outer series breaking joint with the inner series, substantially as indicated with reference to Fig. 5.

(Specification, 2s. 9d.)

No. 31029.—13th March, 1912.—THOMAS BASSFORD, of 547 Collins Street, Melbourne, Victoria, Australia, Signalman. Improvements in boat propelling and steering gear.

Claims.—(1.) In boat mechanism, a pair of pivoted levers each having an adjustable pedal and a fixed (or a fixed and an adjustable) hand-grip, with means to drive a propeller by gearing and connections. (2.) In boat mechanism, a pair of pivoted levers for hand and foot (or hand) operation, connections therefrom to drive a main shaft, a tail-shaft carrying a propeller and jointed to the main shaft, and a seat connected to a spindle connected to part of the said joint, whereby the propeller may be swung to steer the boat by turning the seat towards the objective.

(Specification, 2s. 9d.)

[NOTE.—Here follow four other claims.]

No. 31033.—13th March, 1912.—JOHN NORMAN MATHESON, of Tyers, Gentleman, and WILLIAM MAXWELL BRUCE, of Traralgon, Solicitor, both of Victoria, Australia (assignees of Henri Galopin, of Temple Court Place, Melbourne, Victoria aforesaid, Scientific-instrument Maker). Improvements in tachometers.

Claims.—(1.) In tachometers, a spring-controlled centrifugal governor adapted to operate an angle lever provided with a pin engaging a groove in the indicating-lever, said groove being shaped so as to compensate for the difference between the centrifugal force of the governor and the resistance of the balancing spiral spring thereof. (2.) In tachometers, an angle lever operated by a spring-controlled centrifugal governor and provided with a pin engaging a double-inclined groove in the indicating-lever, substantially as and for the purpose specified.

(Specification, 4s. 9d.)

[NOTE.—Here follow five other claims.]

No. 31038.—14th March, 1912.—JOSEPH ALBERT HILL, of Bernard Road Park, Sheffield, York, England, Engineer. Improvements in and relating to furnace-grates for locomotive and other boilers and other purposes.

Extract from Specification.—The invention consists primarily in dividing the furnace-grate into two or more portions, so arranged that they may be tilted in such a manner as to leave one or more gaps or slots through which the fire may be instantly dropped. The invention also consists in providing means for simultaneously tilting the several portions of the furnace-grate. The invention also consists in the combination with means for tilting or rocking the separate portions of the furnace, of means for shaking the firebars as required for cleaning the grate.

(Specification, 10s.)

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

No. 31048.—19th March, 1912.—GEORGE JOHN HOSKINS, M.Inst.M.E., of Wattle Street, Sydney, New South Wales, Australia, Engineer. Machine for trimming or fettling the socket and spigot ends of cast-iron pipes.

Claims.—(1.) Mechanical self-accommodating appliances as shown in Fig. 4, consisting of a sleeve with a cylindrical exterior but a square interior, such sleeve being adapted to revolve in a plane at right angles to its axis, but not susceptible to endway movement, in combination with an interior square sleeve having a central salient square block with four faces slightly convex, and a spindle within the square sleeve, the spindle having a square block adapted to loosely fit the square interior of the square sleeve, the square sleeve and the spindle being adapted to revolve with the outer sleeve in a plane at right angles to their axis, but the square sleeve and the spindle being adapted to have endway movement imparted to them independently of each other, as and for the purposes set forth. (2.) The appliances as set forth in claim (1), in combination with a cylindrical extension of the inner square sleeve, the cylindrical extension terminating in a chuck-face carrying adjustable tool-holders, as shown in Fig. 4, as and for the purposes specified.

(Specification, 9s.)

[NOTE.—Here follow six other claims.]

No. 31052.—20th March, 1912.—GEORGE LEWIS GILBERTHORPE, of Claude Street, Carpenter and Joiner, and HEDLEY CHARLES MARSHALL, of Fuller's Road, Builder, both of Chatswood, near Sydney, New South Wales. Improvements relating to adjustable fireproof and other blinds and louvres.

Extract from Specification.—It consists of either metal or wood slats connected together in ladder-like formation by means of jointed metal links pivoted to pins at the ends and other convenient parts of the slats, and arranged in pairs, to operate consecutively either for contraction or extension purposes. Each pair or set of links is capable of independent movement, and likewise of automatic adjustment when folding up, such movement always corresponding to the positions adopted by the slats (horizontal or slanting) when the blind or louvre is being raised or lowered, closed or opened. Slats and their attachments made wholly of metal, when used as designed in this invention, will serve the purpose of a fireproof blind or louvre, combined with which are recoil-spring winders with metal tapes, chains, or cords for lifting and lowering the slats. There are also suspended vertical clamping-bars for bringing the slats into contact with each other when the blind is lowered. In the event of fire occurring, these clamping-attachments are also devised to operate automatically by the release of the spring winders from their casings, which are secured with solder fusible at a comparatively low temperature.

(Specification, 7s.)

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

No. 31055.—20th March, 1912.—FOREST FINLAY, of No. 10A Cannon Street, Petersham, near Sydney, New South Wales, Australia, Mechanical Engineer. Improvements in roller skates.

Extract from Specification.—According to this invention, the present improvements consist, first, in constructing the overlapping extensions or shanks of the fore or sole piece and of the aft or heel piece of channel-section so that a maximum of rigidity is attained, and expeditious and easy adjustment as to length or size of the skate-sole is possible; secondly, in forming the outer of the brackets of the front and rear axle-bearings supports of a piece cut from the sole of the skate and bent downwardly and outwardly; thirdly, in strengthening the toe of the sole and the forward bracket of the front bearing-support, and at the same time providing a bearing for the adjusting-screw of the toe-clips by a rib or fin; fourthly, in strengthening the rear or outer bracket of the back bearing-support by a rib or fin; and, fifthly, in forming the inner stay or brackets of the axle-bearing supports with flanges or lips to engage the sides of said bearing-supports, and so firmly hold same. (Specification, 4s. 3d.)

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

No. 31058.—20th March, 1912.—NORMAN SINCLAIR MC-NAB, of Waiora Road, Caulfield, Victoria, Australia, Consulting Engineer. Improvements in and relating to machines for feeding, detaching, and affixing postage-stamps and the like to envelopes or other articles.

Extract from Specification.—This invention relates to apparatus or machines for feeding and detaching labels, coupons, vouchers, adhesive postage, duty, and other stamps, or the like, and, if desired, affixing same to envelopes, tickets, bills, documents, books, or other suitable matter. It consists of means of feeding the stamps, labels, or the like from a stock sheet, band, roll, rolls, or the like, means of damping or moistening the matter upon which the label is to be fixed, means to move the label to position, and mechanism to detach or cut off same from the roll, means of pressing the label and the matter together and of recording the number of labels which may have been used, and suitable coin-freed or analogous mechanism may be added so that use of the machine could be prevented excepting on insertion of a coin of the required value, and means of preventing the use of the machine unless unlocked by a key or the like. (Specification, 13s.)

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

No. 31075.—22nd March, 1912.—WILLIAM HENRY BIRD, of Reporoa, Waioapu, New Zealand, Engineer. Improved gate-fastener.

Claims.—(1.) In the improved gate-fastener, the flat-pointed tongue unequally pivoted in the lower end of the vertical forked portion of the hook, and adapted to normally assume a horizontal or locked position, in the manner and for the purpose set forth, as described and illustrated. (2.) The improved gate-fastener comprising a hook formed with a vertical forked portion, and having mounted at its lower end an unequally balanced pointed tongue, the upper end of said vertical forked portion being bent at right angles, and formed with an eyelet, said vertical forked portion being adapted to be dropped through an eyebolt or opening, in the manner and for the purpose set forth, as described and illustrated. (Specification, 2s. 9d.)

[NOTE.—Here follows one other claim.]

No. 31079.—26th March, 1912.—JAMES AUGHILTREE CAMERON, of 61 Poplar Street, Brooklyn, New York, United States of America, Manufacturer. Moving-picture machine.

Claims.—(1.) In a moving-picture machine having an exposure-opening, a film-retarding device, and film-advancing means potentially capable of advancing a greater amount of film past the exposure-opening during each cycle of the machine than the amount of film actually to be advanced, acting to produce a slack in the film after each film-advancing movement, and then acting in opposition to said film-retarding device to remove said slack and irregularities in the film prior to the next film-advancing movement. (4.) In a moving-picture machine provided with an exposure-opening, the combination with a device adapted to take up a definite amount of film during each cycle of the machine, a film-retarding device adapted to hold the film with sufficient tension to prevent movement thereof while any slack and irregularities therein are removed by stretching it, and a film-advancing member located between the retarding take-up devices and potentially capable of advancing a greater amount of film than that taken up by the take-up device during each cycle of the machine, whereby the film-advancing member will, during the first part of its

movement, intimately engage said film to take up the slack and place the film under tension, thereby removing irregularities therein, and when the film is thus under tension will act to advance the same during the second part of its movement. (Specification, 12s.)

[NOTE.—Here follow seven other claims.]

No. 31080.—26th March, 1912.—MARKS BINNES, of 95 Bellott Street, Manufacturer; HARRY BESWICK, of 120 Herbert Street, Engineer; and ROBERT BILLINGTON, of 72 Market Street, Merchant, all of Manchester, England. Improvements in or relating to the wheels and tires of motor road vehicles, velocipedes, and the like.

Claims.—(1.) An elastic wheel wherein a rigid tire is held to the wheel proper by an elastic band or diaphragm, this latter being made with thick and hard edges, and a thickened and hard central annular part, and said outer edges being of a shape which enables them to be clamped by means of bevelled flanges and rings, and the central part to be held by a divided clamp, substantially as set forth. (2.) An elastic wheel wherein a rigid tire is held to the wheel proper by an elastic or flexible band or diaphragm divided centrally and having thickened and hard edges, the inner adjacent edges being held against a central ring by clamping-plates, substantially as set forth. (3.) An elastic wheel wherein a hollow rigid tire is used and which is held to the wheel proper by an elastic band or diaphragm, this latter being made with thickened and hard edges, and a thickened and hard central annular part, in combination with annular plates or flanges, bevelled clamping-rings, and screwed studs and nuts, whereby the edges of the band or diaphragm are held to the tire, substantially as set forth. (Specification, 9s. 6d.)

[NOTE.—Here follow five other claims.]

No. 31081.—26th March, 1912.—ISAAC SHONE, of 47 Victoria Street, Westminster, London S.W., England, Engineer. Improvements in and connected with sewerage-systems.

Claims.—(1.) In sewerage-systems, the method of introducing fresh air into and keeping charged with it the various drains, pipes, conduits, and apparatus connected with or extending between the sources of sewage or other liquids from houses or buildings and the street or main sewers by directly combining and connecting the soil-pipes and other pipes with the rain-water pipes, for carrying off water from the roof, and adapting same to admit air to the soil-pipe above the level of the source of sewage liquid, and arranging or adapting the liquid from the water-closets pan to be discharged in a body in the manner described so as to directly fill the discharge-pipe in a body, and force air in it forwards in its fall, and at the same time introduce further fresh air from above, due to its fall and induction effect, substantially as set forth. (2.) A sewerage-system wherein the rain-water pipes for carrying off water from the roof, water-closets, &c., are all directly connected with a trapped automatic collector-ejector adjacent to the house or building, and between same and the street sewer, or interceptor, whereby all the said liquids are utilized for flushing, and at the same time cause air to be introduced into the various pipes, and ejector, and drains, and sewer, and keep them charged with fresh air, or an atmosphere which is not harmful to health, by the action of the waters or liquids, and the collector-ejector, in flowing down and through them, substantially as set forth. (Specification, £1 10s.)

[NOTE.—Here follow five other claims.]

No. 31092.—28th March, 1912.—ERNEST JAMES TAYLOR, of No. 162 Webster Street, Highlandville, Massachusetts, United States of America, Mechanical Engineer. Improvements in roller-bearings.

Claims.—(1.) A roller-bearing characterized by the fact that each pair of adjacent rollers of a series of main supporting-rollers are separated one from the other by a pair of separating-rollers, and with a retaining-ring extending around each of said pairs of separating-rollers, respectively, and projecting into annular grooves provided in said adjacent supporting-rollers. (2.) A roller-bearing in accordance with claim (1), characterized by the fact that the series of supporting-rollers are enclosed within a casing, and each of said supporting-rollers has oppositely inclined conical peripheries at opposite ends thereof, respectively, which bear against a plurality of bearing-rings also having conical peripheries and adjustable within said casing longitudinally of said supporting-rollers. (3.) A roller-bearing in accordance with claim (1), characterized by the fact that means are provided to prevent said retaining-rings from contacting with said supporting-rollers. (Specification, 5s. 6d.)

[NOTE.—Here follow seven other claims.]

No. 31099.—27th March, 1912.—GEORGE URBAN JUDKINS, of Christchurch, New Zealand, Plumber. Improved apparatus for the manufacture of spouting-brackets and the like.

Claims.—(1.) Apparatus for the purpose indicated, comprising a base having a horizontal slot adapted to receive for the desired distance a strip of metal in which the bend is to be formed, a lever pivoted at one end upon the said base at a point adjacent to the entrance of said slot, said lever being adapted to extend in line with said slot so as to underlie the projecting portion of the strip and to be turned upon its pivot to any angle so as to bend the strip, substantially as described. (2.) The combination with the matter claimed in claim 1, of an adjustable stop adapted to be set so as to limit the depth to which the strip is inserted in the slot. (3.) The combination with the matter claimed in claim 1, of an adjustable stop adapted to be set so as to arrest the movement of the lever at the desired angle. (4.) Apparatus for the purpose indicated, comprising a block having a convex profile around which a strip of metal is adapted to be passed for the purpose of forming a curve, said block being provided at one end with a transversely disposed slot adapted to receive the end of the strip, substantially as described.

(Specification, 4s. 9d.)

[NOTE.—Here follow two other claims.]

No. 31103.—29th March, 1912.—INIA RANGINUI, of Kākahi, King-country, New Zealand, Settler. Improvements in travelling-trunks.

Claims.—(1.) For the purpose indicated, an auxiliary bag or pocket attached to the exterior of a travelling-trunk or the like, and adapted to be folded or rolled up when not in use, substantially as set forth. (2.) For the purpose indicated, an auxiliary bag or pocket attached to the exterior of a travelling-trunk or the like, and a tag such as 4 to retain the pocket in position, substantially as set forth. (3.) For the purpose indicated, an auxiliary bag or pocket attached to the exterior of a travelling-trunk or the like, and adapted to be folded or rolled up, and a tag such as 7 to retain the pocket in its rolled-up position, substantially as set forth. (4.) Improvements in travelling-trunks substantially as specified, and illustrated in the drawings.

(Specification, 1s. 6d.)

No. 31104.—29th March, 1912.—INIA RANGINUI, of Kākahi, King-country, New Zealand, Settler. Improvements in brackets or hangers whereby clothes and other articles may be reached conveniently.

Claims.—(1.) For the purpose indicated, a bracket mounted pivotally in lugs fixed to any required article of furniture, the bracket extending horizontally, and hooks placed upon it, substantially as set forth. (2.) The improvements in brackets or hangers whereby clothes and other articles may be reached conveniently, substantially as specified, and illustrated in the drawings.

(Specification, 1s. 6d.)

No. 31106.—29th March, 1912.—WILLIAM ANDREWS, of Christchurch, New Zealand, Engineer. Improvements in chaffcutters.

Extract from Specification.—Each blade is provided with a back having a vertical flange adapted to fit within the curve of the spoke of the wheel. A horizontal flange integral with the first flange fits upon the face of the spoke. The back is provided with slots which fit upon the necks of bolts passing through the spoke, the axes of the bolts lying in the plane of rotation of the wheel. The backs are turned accurately in the lathe or ground and have a recess or rebate to receive the edge of the blade, which is riveted to the back. This recess is bevelled, and being part of a circle forms part of a cone. The blade secured by rivets in the recess is made to assume the shape of a frustrum, or part, of a cone, and is given an angle such as is correct for purposes of chaffcutting.

(Specification, 5s. 3d.)

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

No. 31112.—30th March, 1912.—LEWIS SOULE WATRES, of Scranton, Lackawanna, Pennsylvania, United States of America, Mechanical Engineer. Improvements in lubricating-apparatus.

Claim.—(1.) Lubricating-apparatus for engines, air-compressors, &c., comprising a receptacle adapted to hold a stick or block of lubricant in the form of a solid, automatically operated means for cutting or grinding from said block finely divided lubricating-particles, and means whereby the lubricating-particles may be transferred to the surfaces to be lubricated.

(Specification, 4s. 3d.)

[NOTE.—Here follow three other claims.]

No. 31124.—1st April, 1912.—CLIFFORD TOON, of Christchurch, New Zealand, Gas-fitter. Improved means for temporarily closing gas-mains and the like.

Extract from Specification.—The invention consists of a standard, which is held in a tube by a cap attached to the standard. Thin metal strips or springs are hinged at one end to the bottom of the standard, and at the other end are hinged to a plunger slidable in the standard. Canvas, leather, or other similar material is attached to the springs so that when the springs are opened out the said material forms a disc. A rod provided with a handle slides in a hole in the cap and upon being pressed causes the plunger to open out the springs until they take the shape of the section of the main, which is thus effectually closed and may be repaired without risk.

(Specification, 2s. 6d.)

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

No. 31135.—1st April, 1912.—ROBERT BERTRAM WALKER, of Christchurch, New Zealand, Motor Salesman. Tapping-device for petrol-tins and the like.

Claim.—A device of the character indicated, comprising a spout provided with a nipple adapted to be screwed into the usual recess formed in petrol-tins and the like, a hollow conical nose provided upon said nipple and adapted to penetrate the diaphragm and to project into the interior of the tin, said nose being formed with openings to permit the contents of the tin to enter the spout, and a suitable strainer arranged within said nose so as to prevent any solid matter from entering the spout.

(Specification, 2s. 9d.)

No. 31148.—9th April, 1912.—BERNARD PLOTZKER, of 5 University Avenue, Glasgow, Scotland, Merchant. Improvements in and connected with shirts.

Claims.—(1.) In the neck-bands of shirts opening at the back, forming the loose ends, which are provided with a number of stud-holes at equal distances apart, so that they overlap each other, with a flap or fly on one of the loose ends of the neck-band, and with a slit at the back cut at such an angle as to have the back and front studs always opposite each other, all substantially as and for the purposes described, and illustrated on the sheet of drawings. (2.) The general arrangement and combination of parts operating substantially as and for the purposes described, and illustrated on the sheet of drawings.

(Specification, 2s. 6d.)

Copies of drawings may be obtained at the uniform price of 1s. each. In exceptional cases this price may be increased at the discretion of the Office.

An asterisk (*) denotes the complete specification of an invention for which a provisional specification has been already lodged. A dagger (†) denotes a prior date upon the International and Intercolonial Arrangements.

NOTE.—The cost of copying the specification 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 the Gazette.

J. C. LEWIS,
Registrar.

Provisional Specifications accepted.

Patent Office,

Wellington, 25th April, 1912.

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

- No. 30969.—W. Miller, wall-plate, &c., checking-machine.
- No. 31002.—R. Latta, music-stand.
- No. 31003.—H. I. M. Ross, ventilator.
- No. 31007.—F. Thompson, selector's enrolment-claim.
- No. 31013.—J. Reilly, letterette-form.
- No. 31017.—H. Headland, envelope.
- No. 31018.—A. G. Tomkies, kettle.
- No. 31022.—C. Grace, flow-of-oil indicator.
- No. 31023.—A. S. Fleming, disinfectant-distributor.
- No. 31034.—H. Hanson, nail.
- No. 31035.—H. Hanson, lead-headed-nail machine.
- No. 31036.—E. A. Griffiths, alarm apparatus.
- No. 31042.—W. G. Wilson, toheroa-opener.
- No. 31051.—E. G. Stone and E. J. Siddeley, concrete, &c., casting manufacture.

- No. 31056.—G. Reid, milk-release.
 No. 31066.—P. S. O'Neill, pneumatic wheel.
 No. 31067.—H. F. Sherwood-King, curtain-fastening.
 No. 31073.—F. B. Clapcott, gate-fastener.
 No. 31076.—C. E. Hardley, vacuum tank.
 No. 31077.—C. E. Hardley, broadcast spreader for drills.
 No. 31078.—V. C. J. Nightingall, incandescent-lamp manufacture.
 No. 31083.—W. Fairhead, bench-cramp, &c.
 No. 31086.—M. Mouat, sanitary apparatus.
 No. 31094.—W. Fairhead, clothes-peg.
 No. 31097.—W. Jacobsen, J. D. Cameron, and F. J. Lough, street and station indicator.
 No. 31107.—W. Andrews, chaff-cutter-blade sharpener.
 No. 31110.—E. W. Bachelor, mail-bag-mouth securing.
 No. 31117.—F. J. Kelly, non-refillable bottle.
 No. 31118.—A. B. Robertson, teat-cup claw.
 No. 31123.—R. Greenwell, pneumatic tire.
 No. 31128.—C. Barrett, J. P. Cranny, and F. O. W. Sambell, talking-machine cabinet.
 No. 31130.—F. Hatton, moulding-machine.
 No. 31131.—E. A. Toler-Curtis, hat-fastener.
 No. 31168.—G. J. Welch, non-refillable bottle.

[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 8th to 22nd April, 1912, inclusive:—

- No. 28385.—J. Downham, fibre-decorticator.
 No. 28578.—G. H. Baylis, hair-pad.
 No. 28942.—H. W. Lee and G. N. Weedman, mine-alarm.
 No. 28950.—F. J. W. Fear, scissors, &c.
 No. 28959.—D. McCrae, bedding.
 No. 28961.—C. E. Player, mat-attachment.
 No. 28987.—A. C. Robertson, A. C. Murray, and W. W. Smith, speed-controller, &c.
 No. 28990.—W. S. Lind, hames-attaching.
 No. 29027.—R. Burn, tag, label, &c., printing, &c.
 No. 29041.—C. Christie, ore-classifier, &c. (H. R. M. Whittell.)
 No. 29055.—E. Hayes, gate-hanger.
 No. 29075.—United Shoe Machinery Company, grinding, &c., machine. (W. A. Reed and J. Foley.)
 No. 29090.—J. Greenslade, threshing-machine.
 No. 29112.—B. J. Weger, rimming deep well-borings.
 No. 29127.—H. M. Keesing, grate.
 No. 29197.—Scott Bros., Limited, gas-production. (J. L. and G. Seott.)
 No. 29235.—W. C. Joel, flash-gas sign.
 No. 29325.—J. W. Tong, concrete-mixing.
 No. 29389.—J. V. N. Dorr, settling-apparatus.
 No. 29425.—J. Annand, concrete-building.
 No. 29796.—Coulls, Culling, and Co., Limited, envelope. (C. Bristow.)
 No. 30024.—J. Anderson, wind-sail, &c., propeller.
 No. 30160.—M. Goehler, power-operated saw.
 No. 30194.—M. Kahn, pile-shoe.
 No. 30195.—V. H. Mackinney and S. D. Chalmers, illuminating-apparatus.
 No. 30209.—J. Denniss and W. L. Fidler, vacuum chamber.
 No. 30211.—C. E. McCay, cargo-raising.
 No. 30213.—H. S. Hele-Shaw and F. L. Martineau, hydraulic apparatus.
 No. 30259.—H. Dennis, C. G. Sheppard, and R. O. Watts, building-block.
 No. 30328.—W. H. Luther, roof-light.
 No. 30343.—W. F. Floessell, railway-sleeper dog-spike.
 No. 30346.—R. D. Tossawill, sawdust-removal.
 No. 30376.—M. Purser, jun., fencing.
 No. 30383.—R. F. Colborne, railway-carriage, &c.
 No. 30384.—R. F. Colborne, hand-brake.
 No. 30385.—R. F. Colborne, carriage-balanced window.
 No. 30413.—F. Lobnitz, rock-cutter.
 No. 30477.—R. A. Canfield, stopper-making machine. (W. S. Dorman and R. C. Manville.)
 No. 30573.—R. S. Wardrop, plaster partition.
 No. 30579.—R. A. Canfield, stopper-making machine. (H. M. Brown.)
 No. 30581.—A. E. Gill, clod-crusher.
 No. 30600.—E. Schwer, gas and tap interlocking.
 No. 30623.—G. P. Pierce, window-sash stile.
 No. 30664.—J. Dyson, wool-treatment.
 No. 30674.—L. H. Freidman, typewriter.

Letters Patent on which Fees have been paid.

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

LIST of Letters Patent on which fees have been paid from the 12th to the 25th April, 1912, inclusive:—

SECOND-TERM FEES.

- No. 24223.—Thompson Type Machine Company, type-casting machine. (J. S. Thompson.) 24th April, 1912.
 No. 24283.—W. G. Landells, cattle-branding appliance. 18th April, 1912.
 No. 24311.—C. H. Williams, fencing-dropper. 24th April, 1912.
 No. 24312.—E. C. E. Mills, P. Heyes, and W. J. Napier, stamps, tickets, &c., vending machine. (R. J. Dickie and J. H. Brown.) 18th April, 1912.
 No. 24513.—United Shoe Machinery Company, beating-machine for finishing boots, &c. (F. L. Alley.) 24th April, 1912.
 No. 24557.—United Shoe Machinery Company, boot-sole, operating, &c., machine. (E. E. Winkley.) 24th April, 1912.
 No. 24558.—United Shoe Machinery Company, vamp-trimming machine. (J. B. Hadaway.) 24th April, 1912.
 No. 24732.—A. James, tube or ball mills. (W. Neal.) 18th April, 1912.

THIRD-TERM FEES.

- No. 19482.—W. E. Hughes, colour-printing. (C. B. Cottrell and Sons Company—M. A. McKee.) 24th April, 1912.
 No. 19530.—J. K. Stewart, motor and power-transmitting mechanism. 18th April, 1912.
 No. 19531.—J. K. Stewart, driving-clutch for power-transmission. 18th April, 1912.
 No. 19610.—United Shoe Machinery Company, staple making and driving machine. (W. H. Borden.) 24th April, 1912.

Subsequent Proprietor of Letters Patent registered.

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

NO. 25602.—The New Idea Fencing Dropper Company, Limited, a company duly registered and incorporated under the provisions of the Companies Acts, 1863 to 1909, and having its registered office at Maryborough, Queensland, Australia. Fencing-dropper. (A. Cowell and J. Phillips.) 16th April, 1912.

Request for Correction of Clerical Error in Application for Letters Patent.

NO. 30068.—H. Hoare and J. T. Evans, utilization of oil-fuel. (Advertised in Supplement to *New Zealand Gazette*, No. 36, of the 18th April, 1912.)
 To alter the word "combination" to "combustion" in the third line of claim 2.

Application for Letters Patent opposed.

NOTICE of opposition has been filed in the following case:—
 No. 29176.—E. D. Berry, pasteurizer. Opposed by A. Hosking.

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 13th to the 25th April, 1912, inclusive:—
 No. 29720.—V. E. Mason and R. E. Harrison, filter for water-tanks.
 No. 29727.—J. H. P. Hendriksen, securing the cover of ships' hatches.
 No. 29728.—J. H. P. Hendriksen, cover for ships' hatches.
 No. 29731.—A. Crawford, dust-bin.
 No. 29732.—H. M. Keesing, preserves, &c., jar and cap, and sealing-appliance.

No. 29738.—E. J. Armstrong, vacuum valve.
 No. 29739.—C. J. Cooze, animal-trap.
 No. 29741.—M. Mout, sanitary apparatus.
 No. 29742.—F. V. Raymond, paint-manufacture.
 No. 29756.—W. Fitzgerald, feeding-bag for horse, &c.
 No. 29757.—E. J. French, clothes-cleaning.
 No. 29758.—E. P. Levien, fibre-catching machine.
 No. 29766.—J. Armstrong and W. G. Joy, venetian, &c., blind raising, &c.
 No. 29768.—J. Fraser, window-sash safety-fitting.
 No. 29769.—M. W. Marriage and A. Walker, laundry boiler and washer.

Applications for Letters Patent void.

A PPLICATIONS for Letters Patent, with which complete specifications have been lodged, void owing to non-acceptance of such complete specifications, from the 12th to the 25th April, 1912, inclusive:—

No. 29015.—Storey Smoke Consumer and Fuel Economizer Company, Limited, smoke-preventing apparatus and fuel-economizer. (G. Storey.)
 No. 29020.—D. McAuslin, boot.
 No. 29021.—W. Atken and H. F. Marsh, seed threshing, bagging, &c., machine.
 No. 29024.—R. M. Murie, illusion apparatus.
 No. 29048.—B. O'Loughlin, gas-illuminated sign.
 No. 29049.—A. Levin, preserving perishable comestibles.

Applications for Letters Patent lapsed.

A PPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 12th to the 25th April, 1912, inclusive:—

No. 28443.—E. A. Allan, basket-attachment to saddle.
 No. 28577.—R. G. Ralph, rat-trap.
 No. 28586.—E. P. Wainwright and A. J. Rison, vehicle-controlling apparatus.
 No. 28595.—H. Droutledge, teat-cup lining.
 No. 28603.—G. Carrington, gate-wire strainer.
 No. 28612.—E. M. Thompson, venetian-blind check-action.
 No. 28618.—J. C. May, egg-carrier.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 13th to the 25th April, 1912, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 28909.—A. H. Cotton, toy.
 No. 28913.—H. Herrenschildt, manufacture of electric-conducting products.
 No. 28915.—United Shoe Machinery Company, lasting-machine. (J. Cavanagh, jun.)
 No. 28917.—R. F. Carey, mechanism for opening and closing doors.
 No. 28919.—W. J. Roebuck, adjustable foot for ladders.
 No. 28920.—T. C. Smiley, apparatus for adjusting light-vehicle seats.
 No. 28923.—J. Anderson, R. H. Free, and W. H. Hampton, cramp.
 No. 28930.—T. C. Smart, fender for hearth.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 18958.—Huff Electrostatic Separator Company, electro-static separation. (C. H. Huff—C. H. Huff, G. W. Piekard, and P. H. Wynne.)
 No. 18965.—G. Clements, D. Urquhart, M. Evans, and C. Sloper, removing wool from sheep and lamb skins and ouing pelts.
 No. 18971.—J. Richmond, gold-saving appliance.

THROUGH EXPIRY OF TERM.

No. 10510.—G. Labram, separating diamonds from earthy matters.
 No. 10523.—Gibson Patent Brand Company, Limited, branding-composition. (H. Gibson.)

Design registered.

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

No. 578.—William George Dudfield, of "Ayr," 1 Elgin Street, Armadale, Melbourne, Australia, Commercial Traveller. Class 13. 11th April, 1912.

Designs expired.

THE copyright in the following designs has expired:—

No. 318.—Noone and Trevarthen. Class 3.
 No. 319.—J. P. Wallace. Class 3.
 No. 320.—J. P. Wallace. Class 3.
 No. 321.—G. H. Grapes. Class 5.
 No. 322.—O. S. and E. S. Pees, "Non-Pareil Cycle and Motor Company." Class 1.

Applications for Trade Marks filed.

LIST of applications for registration of Trade Marks filed from the 12th to the 26th April, 1912, inclusive:—

No. 10358.—12th April.—J. R. Carey, Petone, N.Z. Class 3.
 No. 10359.—13th April.—W. Rew, "R. Rew," Auckland, N.Z. Class 42.
 No. 10360.—15th April.—H. E. Partridge and Co., Limited, Auckland, N.Z. Class 12.
 No. 10361.—15th April.—British Luxfer Prism Syndicate Limited, London, Eng. Class 15.
 Nos. 10362 and 10363.—15th April.—C. A. Falk, "C. Falk," Sydney, N.S.W. Classes 13 and 18.
 No. 10364.—15th April.—Clark and Company, Limited, Paisley, Scot. Class 23.
 No. 10365.—15th April.—J. and P. Coats, Limited, Paisley, Scot. Class 23.
 No. 10366.—15th April.—J. Chadwick and Brother, Limited, Bolton, Eng. Class 23.
 No. 10367.—16th April.—H. H. Price, "Herb. Price," Wellington, N.Z. Class 38.
 No. 10368.—17th April.—Briscoe and Co., Limited, Wellington, N.Z. Class 13.
 No. 10369.—19th April.—Birchfield Butter Factory, "W. T. Bithell," Birchfield, N.Z. Class 42.
 No. 10370.—19th April.—E. A. Toler-Curtis, Wellington, N.Z. Class 13.
 No. 10371.—19th April.—Langdown and Son, Limited, Sydenham, N.Z. Class 42.
 No. 10372.—20th April.—J. G. Jeffery, Dunedin, N.Z. Class 3.
 No. 10373 and 10374.—24th April.—Menley and James, Limited, London, Eng. Classes 2 and 3.
 No. 10375 and 10376.—24th April.—A. and F. Pears, Limited, London, Eng. Classes 47 and 48.
 No. 10377.—24th April.—Brand and Co., Limited, London, Eng. Class 42.
 No. 10378.—24th April.—E. W. Evans, Auckland, N.Z. Class 42.
 No. 10379.—24th April.—La Bruyere Société Anonyme, Jura, France. Class 50.
 No. 10380.—24th April.—Maguire, Miller, and Co., Liverpool, Eng. Class 47.
 Nos. 10381 and 10382.—24th April.—Thames Paper Company, Purfleet, Eng. Classes 39 and 50.
 No. 10383.—24th April.—H. Markwald, Melbourne, Vic. Class 1.
 No. 10384.—24th April.—Société Anonyme de la Distillerie de la Liqueur Benedictine de l'Abbaye de Fécamp, Fécamp, France. Class 43.
 No. 10385.—24th April.—Sharpe Bros., Glebe, N.S.W. Class 44.
 No. 10386.—25th April.—Pyle National Electric Headlight Company, Chicago, U.S.A. Class 18.
 Nos. 10387 and 10388.—25th April.—Vacuum Oil Company Proprietary, Limited, Melbourne, Vic., and elsewhere. Class 47.
 No. 10389.—25th April.—J. Smith, Martinborough, N.Z. Class 38.
 No. 10390.—25th April.—A. Boake Roberts and Co., Limited, London, Eng. Class 43.
 No. 10391.—26th April.—W. Rew, "R. Rew," Auckland, N.Z. Class 47.
 No. 10392.—26th April.—Wilburine Oil Works, Limited, New York, U.S.A. Class 47.
 No. 10393.—26th April.—E. C. Burt Company, Brooklyn, U.S.A. Class 38.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 25th April, 1912.

A PPLICATIONS for registration of the following Trade Marks have been received. Notice of opposition to the registration of any of these applications may be lodged at this office within two months of the date of this *Gazette*. Such notice must be in duplicate, and accompanied by a fee of £1.

No. of application: 9434.
Date: 7th March, 1911.



The essential particular of this trade mark is the distinctive label.

NAME.

THE NAPIER WOOLLEN COMPANY, LIMITED, of Napier, in the Dominion of New Zealand, Woollen-manufacturers.

No. of class: 34.
Description of goods: Woollen piece-goods.

No. of application: 9505.
Date: 27th March, 1911.

TRADE MARK.

The word

GREENHILL.

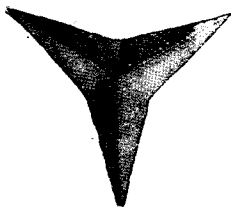
NAME.

ARCHIBALD McLEAN, of Greenhill, Hastings, Hawke's Bay, in the Dominion of New Zealand.

No. of class: 4.
Description of goods: Wool.

No. of application: 9732.
Date: 23rd June, 1911.

TRADE MARK.



NAME.

DAIMLER MOTOREN-GESELLSCHAFT, a corporation duly organized under the laws of the German Empire, of Fabrikstrasse of Untertürkheim, near Stuttgart, Germany, Manufacturers.

No. of class: 6.
Description of goods: Machinery of all kinds included in this class, and parts of machinery included in this class, but not including washing-machines and windmills, or goods of a like description.

No. of application: 10070.
Date: 22nd November, 1911.

TRADE MARK.

The word

CHANTECLER.

The essential particular of this trade mark is the word "Chantecler."

NAME.

JOSEPH NATHAN AND CO., LIMITED, of Featherston Street, Wellington, in the Dominion of New Zealand.

No. of class: 42.
Description of goods: Dried fruits.

B

No. of application: 10180.
Date: 16th January, 1912.

TRADE MARK.



NAME.

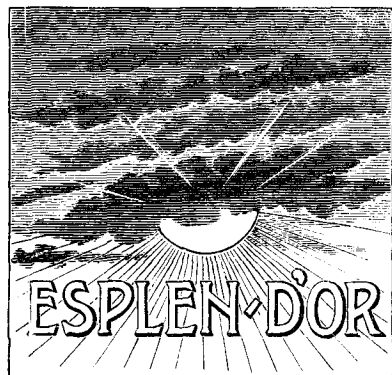
WARDLE AND DAVENPORT, LIMITED, of Big Mill, Mill Street, Leek, Staffordshire, England, Silk and Cotton Manufacturers.

No. of class: 23.
Description of goods: All goods included in this class.

[NOTE.—Class 23 is for "Cotton yarn and thread, such as sewing-cotton on spools or reels; sewing-cotton not on spools or reels; dyed-cotton yarns."]

No. of application: 10181.
Date: 16th January, 1912

TRADE MARK.



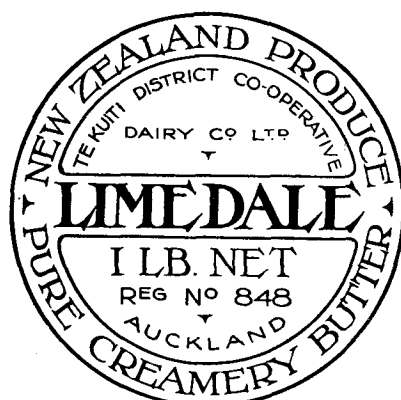
NAME.

WARDLE AND DAVENPORT, LIMITED, of Big Mill, Mill Street, Leek, Staffordshire, England, Silk and Cotton Manufacturers.

No. of class: 50.
Description of goods: Sewing and embroidery and the like threads composed of artificial silk.

No. of application: 10217.
Date: 9th February, 1912.

TRADE MARK.



The essential particular of this trade mark is the word "Limesdale"; and the applicants disclaim any right to the exclusive use of the added matter, except so far as it consists of their name and address.

NAME.

THE KUITI DISTRICT CO-OPERATIVE DAIRY COMPANY, LIMITED, of Te Kuiti, in the Dominion of New Zealand.

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

No. of application : 10321.
Date : 28th March, 1912.

TRADE MARK.

The word

RECORD

NAME.

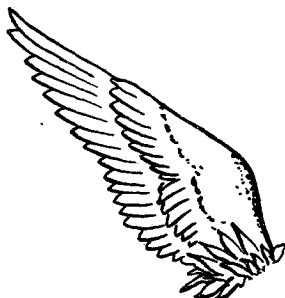
C. AND J. HAMPTON, LIMITED, of Livingston Road Works, Livingston Road, Attercliffe, Sheffield, England, Iron-founders and General Tool Manufacturers.

No. of class : 13.
Description of goods : Metal goods not included in other classes.

[NOTE.—Class 13 is for "Metal goods not included in other classes—such as anvils, keys, basins (metal), needles, hoes, shovels, corkscrews."]

No. of application : 10345
Date : 9th April, 1912.

TRADE MARK.



REDWING

The essential particulars of this trade mark are the device of a bird's wing accompanied by the word "Redwing."

NAME.

JAMES HEARTH AND Co., of Newarke Street, Leicester, England, Manufacturers.

No. of class : 38.
Description of goods : Articles of clothing, but not including boots, shoes, slippers, leggings, gaiters, and corsets.

No. of application : 10350
Date : 9th April, 1912.

TRADE MARK.

The word

PEPICURA.

The essential particular of this trade mark is the word "Pepicura."

NAME.

A. G. WINSTONE, of Wanganui, in the Dominion of New Zealand. Chemist.

No. of class : 3.
Description of goods : Cough-cure.

No. of application : 10358.
Date : 12th April, 1912.

TRADE MARK.



NAME.

JONATHAN REYNOLDS CAREY, of Jackson Street, Petone, Wellington, in the Dominion of New Zealand, Merchant.

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

No. of application : 10359.
Date : 13th April, 1912.

TRADE MARK.



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

NAME.

WILLIAM REW, trading as "Robert Rew," of 15 Queen Street, Auckland, in the Dominion of New Zealand, General Provider.

No. of class : 42.
Description of goods : Substances used as food.

No. of application : 10362.
Date : 15th April, 1912.

TRADE MARK.

The word

DALMA.

The essential particular of this trade mark is the word "Dalma."

NAME.

CARL ANTHON FALK, trading as "C. Falk," of 16 Car-rington Street, Sydney, New South Wales, Commonwealth of Australia.

No. of class : 13.
Description of goods : Gas-burners and lanterns included in this class.

No. of application : 10363.
Date : 15th April, 1912.

TRADE MARK.

The word

DALMA.

The essential particular of this trade mark is the word "Dalma."

NAME.

CARL ANTHON FALK, trading as "C. Falk," of 16 Car-rington Street, Sydney, New South Wales, Commonwealth of Australia.

No. of class : 18.
Description of goods : Gas-mantles, spirit and kerosene stoves.

No. of application : 10365.
Date : 15th April, 1912.

TRADE MARK.



The essential particulars of this trade mark are the word "Swiss" and a cross with stars; and any right to the exclusive use of the added matter is disclaimed.

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned before 1890.

NAME.

J. AND P. COATS, LIMITED, of Ferguslie Mills, Paisley, Scotland.

No. of class: 23.

Description of goods: Sewing-cottons on reels or spools and not on reels or spools.

No. of application: 10366.

Date: 15th April, 1912.

TRADE MARK.



The essential particulars of this trade mark are the word "Eagley" and the design of a bird; and any right to the exclusive use of the added matter is disclaimed.

The applicants claim that the said trade mark has been used by them and their predecessors in business in respect of the articles mentioned before 1890.

NAME.

JAMES CHADWICK AND BROTHER, LIMITED, of Eagley Mills, Bolton, Lancashire, England.

No. of class: 23.

Description of goods: Sewing-cottons on reels and spools and not on reels or spools.

No. of application: 10367.

Date: 16th April, 1912.

TRADE MARK.

The word

MIKADO.

The essential particular of this trade mark is the word "Mikado."

NAME.

HERBERT HENRY PRICE, trading as "Herb. Price," of 56 Willis Street, Wellington, in the Dominion of New Zealand, Mercer and Tailor.

No. of class: 38.

Description of goods: Linen collars.

No. of application: 10368.

Date: 17th April, 1912.

TRADE MARK.

The word

A J A X.

The essential particular of this trade mark is the word "Ajax."

NAME.

BRISCOE AND Co., LIMITED, of Victoria Street, Wellington, in the Dominion of New Zealand, Iron-merchants.

No. of class: 18.

Description of goods: Warming-apparatus, grates for fire-places, ventilating-apparatus, filtering apparatus, lighting-contrivances, and drainage-contrivances.

No. of application: 10370.

Date: 22nd April, 1912.

TRADE MARK.

The words

THE "TIKI" HAT FASTENER.

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

NAME.

EDITH ADELINE TOLER-CURTIS, of Wellington, in the Dominion of New Zealand.

No. of class: 13

Description of goods: Hat-fastener.

No. of application: 10373.

Date: 24th April, 1912.

TRADE MARK.

The word

VETIOD.

NAME.

MENLEY AND JAMES, LIMITED, of Menley House, Faringdon Road, London, England, Manufacturing Chemists.

No. of class: 2.

Description of goods: Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes.

No. of application: 10374.

Date: 24th April, 1912.

TRADE MARK.

The word

VETIOD.

NAME.

MENLEY AND JAMES, LIMITED, of Menley House, Faringdon Road, London, England, Manufacturing Chemists.

No. of class: 3.

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

No. of application: 10375.

Date: 24th April, 1912.

TRADE MARK.

The word

BUBBLES.

NAME.

A. AND F. PEARS, LIMITED, of 71 New Oxford Street, London, England, Soap-makers and Perfumers.

No. of class: 47.

Description of goods: Candles; common soap; detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes.

No. of application: 10376.

Date: 24th April, 1912.

TRADE MARK.

The word

BUBBLES.

NAME.

A. AND F. PEARS, LIMITED, of 71 New Oxford Street, London, England, Soap-makers and Perfumers.

No. of class: 48.

Description of goods: Perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap).

No. of application: 10378.

Date: 24th April, 1912.

TRADE MARK.

The word

ROBUR.

The essential particular of this trade mark is the invented word "Robur."

NAME.

EDWIN WILLIAM EVANS, of Hobson Park Road, Parnell, Auckland, in the Dominion of New Zealand, Warehouse-manager.

No. of class: 42.

Description of goods: All food substances in Class 42 with the exception of tea.

No. of application: 10387.
Date: 25th April, 1912

The word TRADE MARK.

KALIF.

NAME.

VACUUM OIL COMPANY PROPRIETARY, LIMITED, of 90 William Street, in the City of Melbourne, in the Commonwealth of Australia, and elsewhere, Oil and Grease Merchants.

No. of class: 47.

Description of goods: Heating, lubricating, and illuminating oils and greases; petroleum spirits, naphtha, and benzene.

No. of application: 10389.
Date: 25th April, 1912.

The word TRADE MARK.

HEALONA.

NAME.

JOHN SMITH, of Martinborough, Wairarapa, in the Dominion of New Zealand, Boot-manufacturer.

No. of class: 38.

Description of goods: Protectors for hosiery.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 12th to the 25th April, 1912, inclusive:—

No. 8078/9480.—L. Christeson. Class 48. (*Gazette* No. 33, of the 20th April, 1911.)

No. 8079/9481.—L. Christeson. Class 48. (*Gazette* No. 28, of the 6th April, 1911.)

No. 8080/9853.—W. H. Gibson. Class 2. (*Gazette* No. 10, of the 8th February.)

No. 8081/9975.—Ambury Limited. Class 42. (*Gazette* No. 91, of the 16th November, 1911.)

No. 8082/10193.—C. J. Van Houten and Zoon. Class 42. (*Gazette* No. 10, of the 8th February.)

Nos. 8083/9825, 8084/9827, and 8085/10170.—Keystone Watch Case Company. Classes 10 and 14. (*Gazette* No. 6, of the 25th January.)

Nos. 8086/10046 and 8087/10047.—W. A. Tyzack and Co. Classes 7 and 12. (*Gazette* No. 6, of the 25th January.)

No. 8088/10164.—Josefsthaller Gummi-und Asbestwarenfabrik. Kommanditgesellschaft (Moor, Horowitz, and Co.) Class 50. (*Gazette* No. 6, of the 25th January.)

No. 8089/9585.—Mann, Byars, and Co. Class 38. (*Gazette* No. 102, of the 14th December, 1911.)

No. 8090/9625.—J. D. and H. P. Wormald, and W. E. L. Wears. Class 18. (*Gazette* No. 102, of the 14th December, 1911.)

No. 8091/9894.—W. Woodward, Limited. Class 3. (*Gazette* No. 3, of the 11th January.)

Nos. 8092/10005.—Dollfus-Mieg et Cie., Société Anonyme. Class 23. (*Gazette* No. 102, of the 14th December, 1911.)

No. 8093/10072.—Wormalds and Walker, Limited. Class 35. (*Gazette* No. 102, of the 14th December, 1911.)

No. 8094/10078.—V. C. Johnson. Class 3. (*Gazette* No. 102, of the 14th December, 1911.)

No. 8095/10085.—C. Leetham and Co. Class 38. (*Gazette* No. 102, of the 14th December, 1911.)

No. 8096/10086.—Stapley and Smith, Limited. Class 38. (*Gazette* No. 102, of the 14th December, 1911.)

Nos. 8097/10092 and 8099/10095.—T. R. Ellin. Class 7. (*Gazette* No. 102, of the 14th December, 1911.)

Nos. 8098/10093, 8110/10096, and 8101/10097.—T. R. Ellin. Classes 37, 37, and 50. (*Gazette* No. 102, of the 14th December, 1911.)

No. 8102/10111.—J. A. von Wülfing. Class 3. (*Gazette* No. 10, of the 8th February.)

No. 8103/10165.—Sargood, Son, and Ewen, Limited. Class 38. (*Gazette* No. 10, of the 8th February.)

No. 8104/9451.—New Zealand Dairy Association, Limited. Class 42. (*Gazette* No. 23, of the 23rd March.)

Trade Mark Renewal Fees paid.

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

No. 2352/1876.—27th April, 1912.—J. Neil, Dunedin, N.Z. 16th April, 1912.

No. 2392/1939.—17th June, 1912.—J. Wilkie and Co., Dunedin, N.Z. 22nd April, 1912.

No. 2422/1923.—18th July, 1912.—A. Clark and Sons, Limited, Auckland and elsewhere, N.Z. (A. Clark and Sons.) 24th April, 1912.

No. 2456/1948.—29th August, 1912.—W. F. Lucas and Co., London, Eng. 24th April, 1912.

Trade Marks removed from the Register.

TRADe Marks removed from the Register owing to the non-payment of the renewal fees, from the 12th to the 25th April, 1912, inclusive:—

No. 2246/1800.—13th January, 1898.—S. E. Francis, Wellington, N.Z. Class 38.

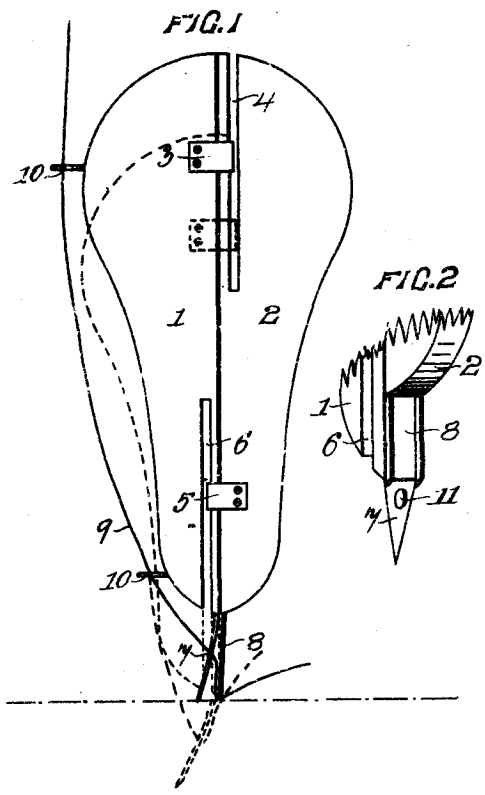
No. 2247/1894.—13th January, 1898.—The Skabcurea Dip Company, Chicago, U.S.A. Class 2.

No. 2248/1804.—19th January, 1898.—The Rover Cycle Company, Limited, Coventry, Eng. Class 22.

No. 2250/1802.—21st January, 1898.—Daisy Limited, Leeds, Eng. Class 3.

ILLUSTRATIONS OF INVENTIONS.

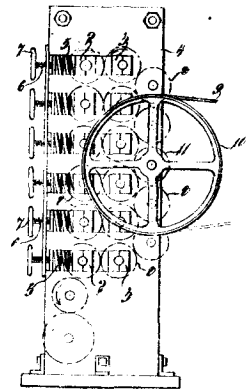
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



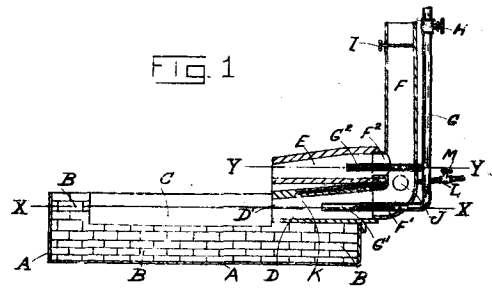
Sewing device. Bourton & O'Donnell. 29471.



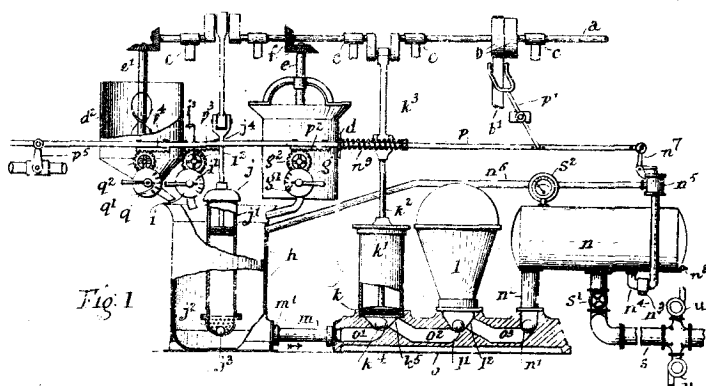
Hair-pin. Rooke & Bristow. 29442.



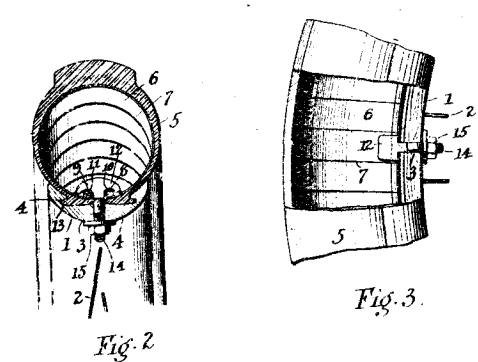
Flax machine. Raymond, Rough & Beere. 29452.



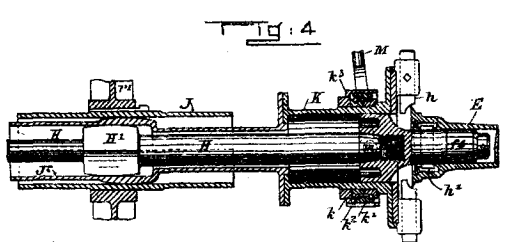
Generator. Ridley. 29694.



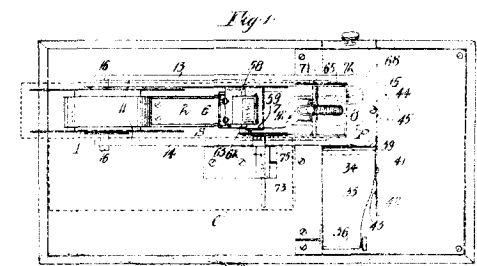
Sprayer. Poole & Daniel. 31027.



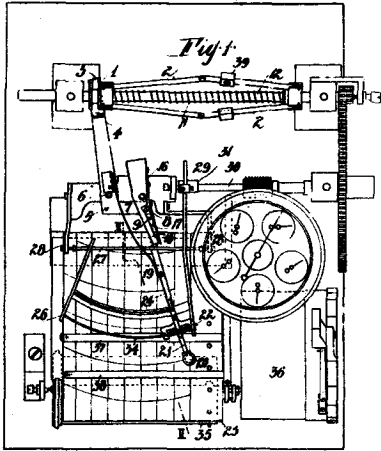
Tyre. Passford. 31028.



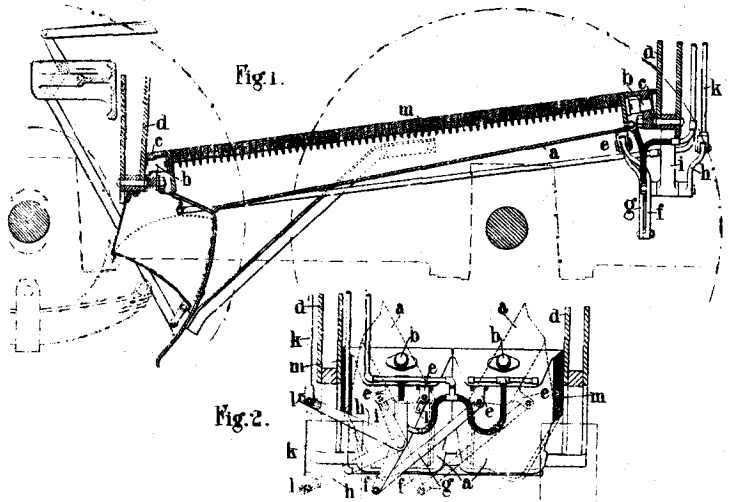
Pipe socket & spigot trimming. Hoskins. 31048.



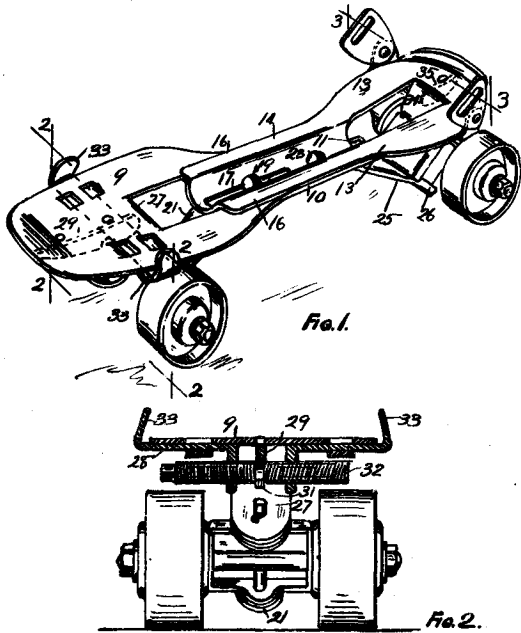
Postage stamp affixing machine. Mc Nab. 31058.



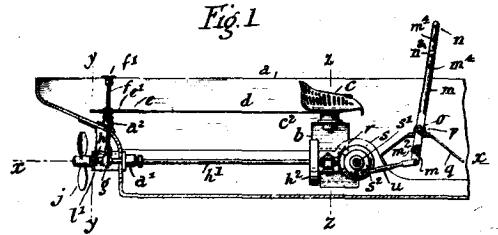
Tachometer. Matheson & Bruce
(Galopin) 3033.



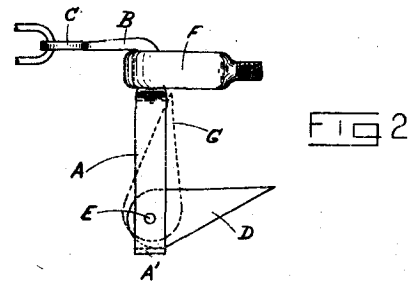
Furnace grate. Hill. 3038.



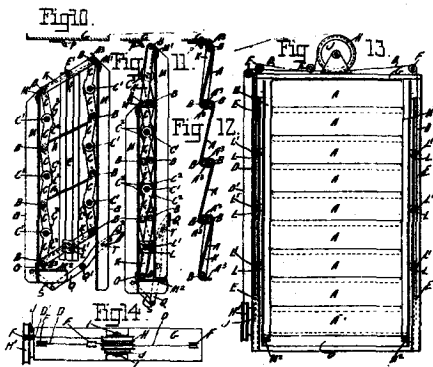
Skate. Finlay. 3055.



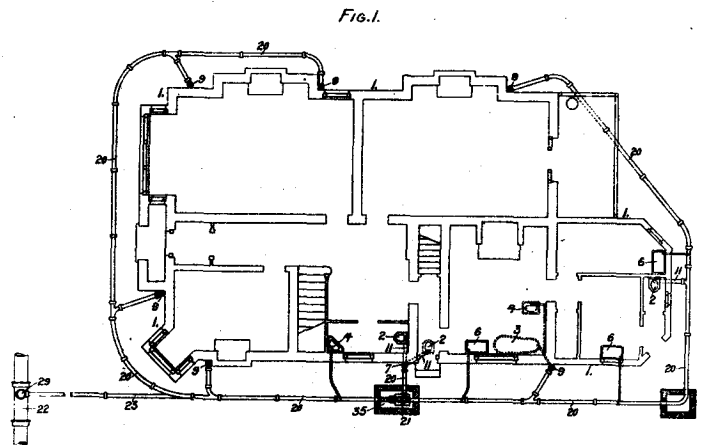
Boat propeller. Bassford. 3029.



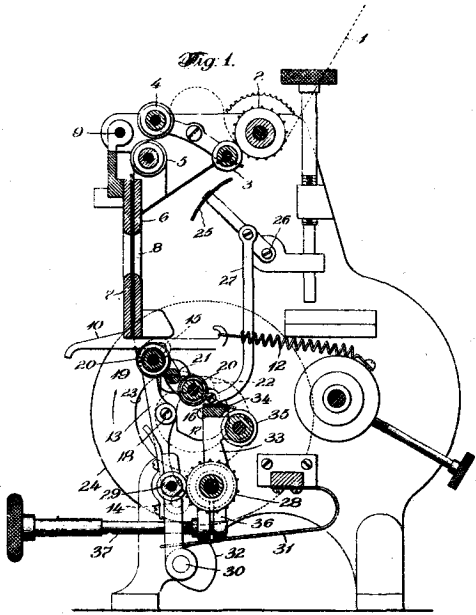
Gate fastener. Bird. 3075.



Blind. Gilberthorpe & Marshall. 3052.



Sewage system. Stone. 3081.



Picture machine. Cameron. 3079.

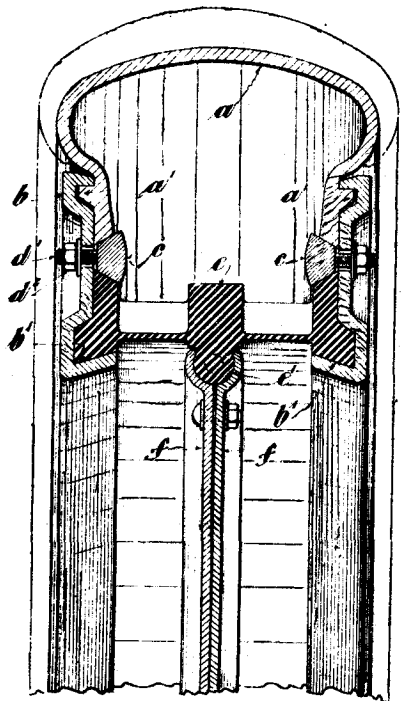
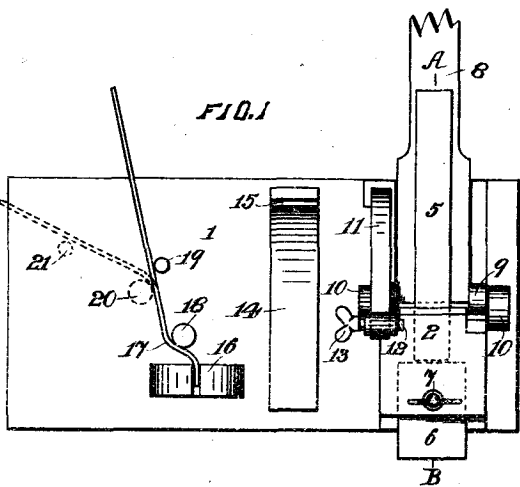
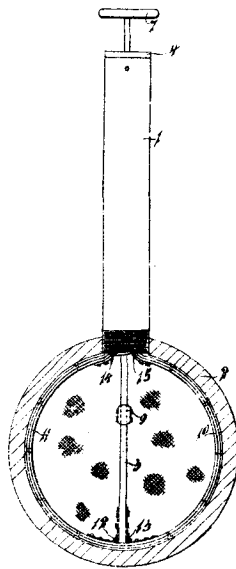


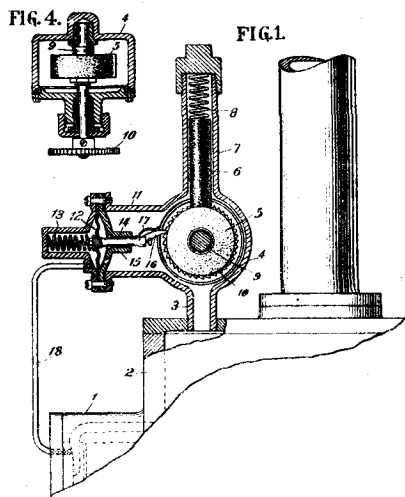
Fig. 1.
Wheel, etc., Baines, Beswick &
Billington. 3180



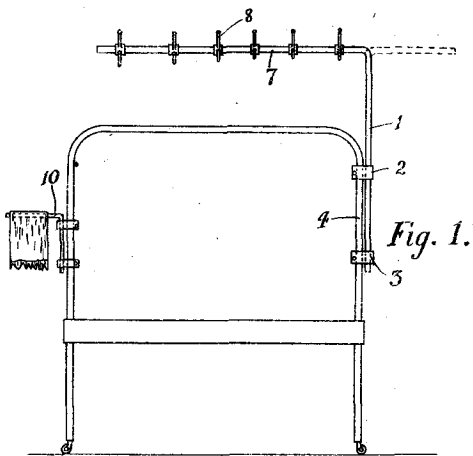
Spouting bracket apparatus. Judkins 31099.



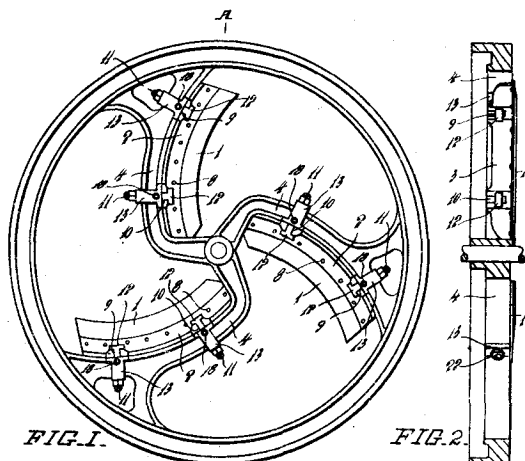
Gas main closing.
31124.



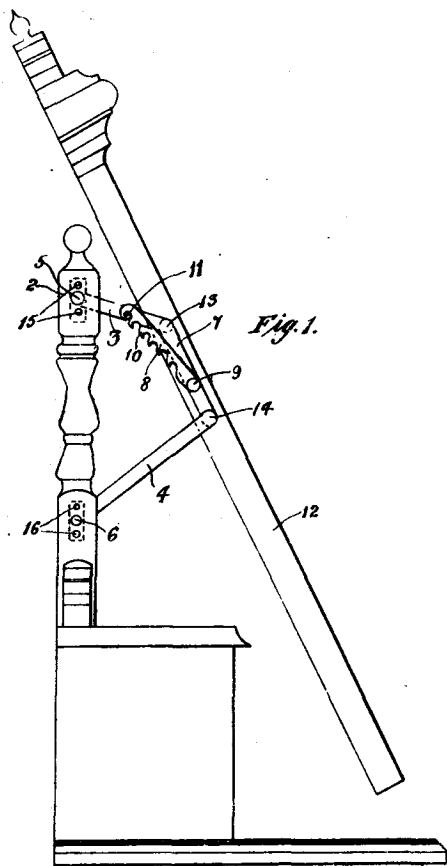
Lubricator. Watres. 31112.



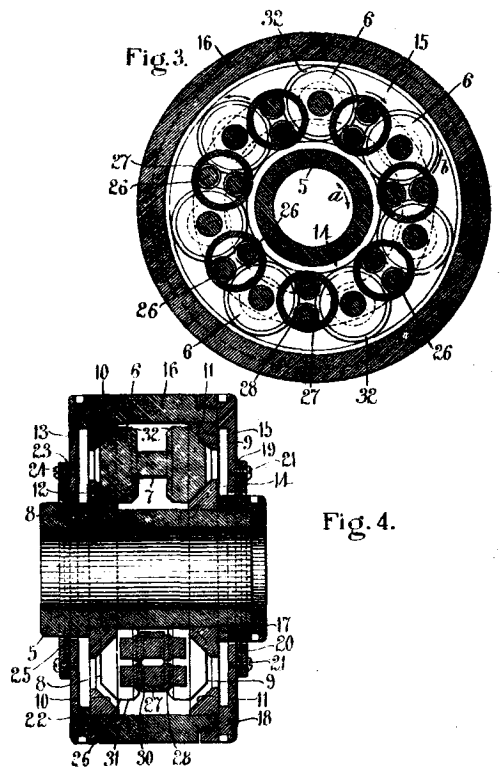
Clotheshanger. Ranginui. 31104.



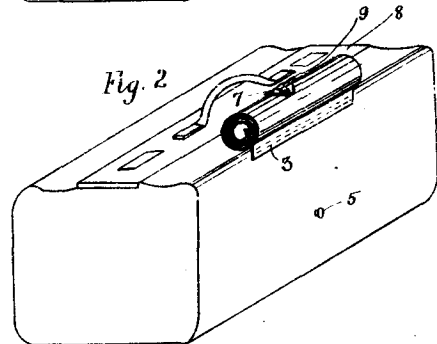
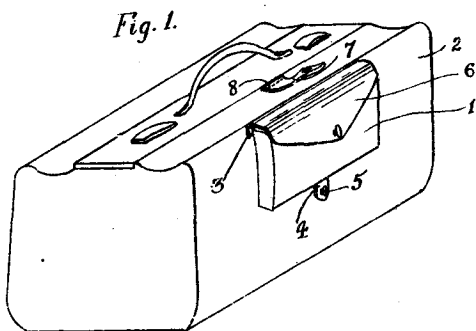
Chaff cutter. Andrews. 31106



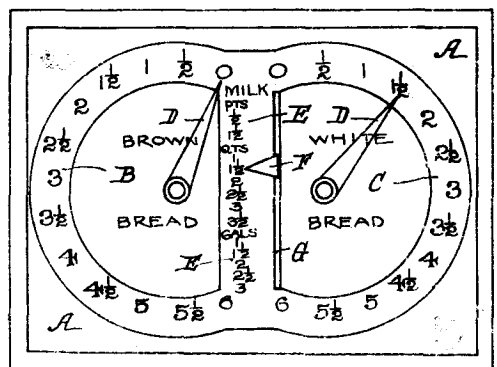
Mirror adjustment. Cooper & Duigan 31020.



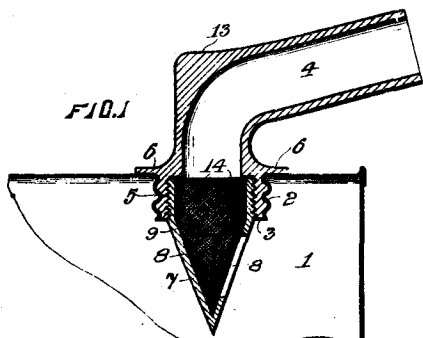
Roller bearing. Taylor. 31092.



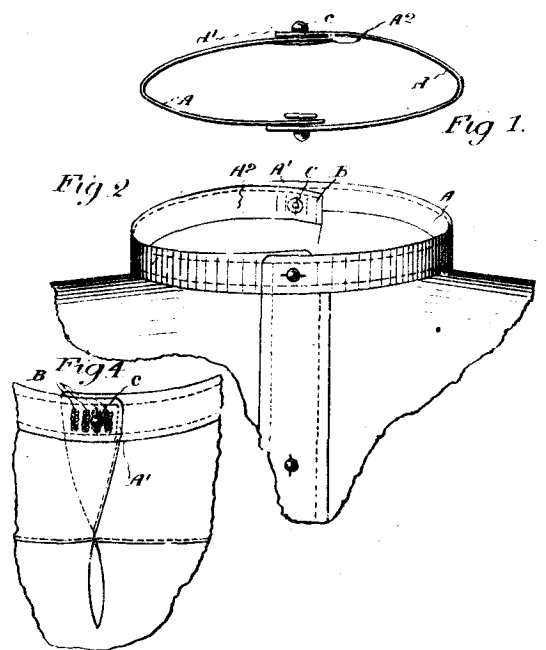
Frank. Ranginui. 31103.



Indicating device. Peckitt 31004



Pin tapping device Walker 31135.



Shirt. Plotker. 31148.