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CONTENTS.

	Page
Official Notices	631
Applications for Letters Patent filed	632
Complete Specifications accepted	633
Provisional Specifications accepted	638
Letters Patent sealed	638
Letters Patent on which Fees have been paid	638
Subsequent Proprietors of Letters Patent registered	639
Applications for Letters Patent abandoned	639
Applications for Letters Patent void	639
Applications for Letters Patent lapsed	639
Application for Letters Patent withdrawn	639
Letters Patent void	639
Designs registered	639
Applications for Registration of Trade Marks	639
Trade Marks registered	644
Trade Mark Renewal Fees paid	644
Trade Marks removed from the Register	644
Cancellation of Part of Entry of Trade Mark on the Register	644
Notice <i>re</i> Advertisements	644
Illustrations of Inventions.	

Official Notices.

PATENT OFFICE LIBRARY.

THIS library contains the following publications, viz. :—

United Kingdom.

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 2nd November, 1905.

Classified abridgments of inventions to 1900.

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

Index of Applicants.

Subject-matter Index.

Commissioner of Patent Journal, &c. (°).

Trade Marks Journal to November, 1905.

Canada.

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

Australia.

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

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

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

United States.

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

Miscellaneous publications.

Illustrated catalogues, price-lists of machinery, &c.

BOOKS AND DOCUMENTS OPEN TO INSPECTION.

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

Patents.

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

1. The files relating to all applications for letters patent in respect of which complete specifications have been accepted.

2. Classified copies of specifications and drawings, with index and key (°).

3. Register of Application for Letters Patent.
4. Register of Patents.
5. Register of Subsequent Proprietors of Letters Patent^(e).
6. Index of Patentees^(f).
7. Index of Proprietors of Letters Patent granted prior to 1890^(g).
8. Index of Specifications^(h).

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⁽ⁱ⁾.
5. Index of Trade Marks.
6. Classified Representations of Trade Marks, with indexes.

Miscellaneous.

Register of Patent Agents.

FORMS.

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

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

OFFICIAL PUBLICATIONS.

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

- Printed specifications to the end of the year 1879.
- Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1888 inclusive.
- Annual reports of the Registrar, containing alphabetical lists of applicants for letters patent and of inventions patented from 1889 to 1904 inclusive.
- The Patents Supplement to *Gazette* (containing notifications, applications for letters patent, abridged descriptions and drawings of inventions, &c.), published fortnightly.

LOCAL PATENT OFFICES.

Local patent offices for the reception of applications for letters patent without extra payment have been appointed at the following places: Ashburton, Auckland, Blenheim, Christchurch, Dunedin, Gisborne, Greymouth, Hokitika, Invercargill, Napier, Nelson, New Plymouth, Oamaru, Queenstown, Thames, Timaru, Wanganui, Westport. These are situated in the Supreme Court Buildings and S.M. Court Houses.

PATENT AGENTS.

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

(*) Discontinued.
 (b) These may also be seen at the Public Libraries, Auckland and Christchurch.
 (c) In arrear. Not now being printed.
 (d) Key is in card index.
 (e) 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.
 (f) 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.
 (g) The names of proprietors of subsequent letters patent appear in the Index of Patentees.
 (h) Contains classified abridgments of specifications from 1861, with extracts from drawings from July, 1904.
 (i) Names of applicants for registration and proprietors of trade marks are indexed at the beginning of the Registers up to 31st December, 1889; in separate volume up to 5th September, 1904; and since the latter date are in card index.
 (j) May also be obtained at any local Patent Office or money-order office.

Applications for Letters Patent filed.

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

- No. 20685.—8th February.—J. Wilkinson, Paeroa, N.Z.
Mono-wheel vehicle.
- No. 20686.—8th February.—J. Trevethick, Auckland, N.Z.
Broom or brush^{*} manufacture.*
- No. 20687.—8th February.—G. F. Evans, Balaclava, Vic
Window-sash lock.
- No. 20688.—9th February.—R. Williams, Dunedin, N.Z.
Hot well.
- No. 20689.—9th February.—R. Williams, Dunedin, N.Z.
Sifting-screen.
- No. 20690.—9th February.—R. Williams, Dunedin, N.Z.
Sluice-box.
- No. 20691.—7th February.—F. Castle and W. Garey, Auckland, N.Z.
Tool and pencil sharpener.
- No. 20692.—7th February.—J. Robertson, Auckland, and W. C. Wheeler, Clevedon, N.Z.
Skim-milk delivery box and pump.*
- No. 20693.—8th February.—J. A. Walker, Auckland, N.Z.
Chair.
- No. 20694.—10th February.—J. E. Holland, Kaiapoi, N.Z.
Tool for withdrawing fencing-staple.
- No. 20695.—10th February.—W. C. Quinnell, Wellington, N.Z.
Milk pail and stool.
- No. 20696.—12th February.—R. A. Noedl, Woodville, N.Z.
Music-holder.
- No. 20697.—12th February.—A. Jack, Palmerston North, N.Z.
Gas-burner.*
- No. 20698.—13th February.—J. H. Hickman, Wellington, N.Z.
Show-case.
- No. 20699.—13th February.—J. H. Hickman, Wellington, N.Z.
Show-case.
- No. 20700.—10th February.—F. J. E. Smallbone, Invercargill, N.Z.
Picture-frame cramp.
- No. 20701.—5th February.—I. Lewis, Reefton, N.Z.
Ballot-box.
- No. 20702.—5th February.—I. Lewis, Reefton, N.Z.
Building material.
- No. 20703.—12th February.—C. J. Tuck, Dannevirke, N.Z.
Compasses.
- No. 20704.—12th February.—C. J. Tuck, Dannevirke, N.Z.
Pulley-block.
- No. 20705.—8th February.—R. E. Bell, Epsom, N.Z.
Concentrating and deflecting lens.
- No. 20706.—10th February.—S. Parker, Devonport, and W. Johnson, Mount Roskill, N.Z.
Window-screen.
- No. 20707.—10th February.—G. R. Warren, Onehunga, N.Z.
Priming-coat for paint-work.
- No. 20708.—12th February.—W. H. Jordan, Christchurch, N.Z.
Cooking-range.
- No. 20709.—13th February.—A. E. Kellam, Sydney, N.S.W.
Brooch and pin fastener.
- No. 20710.—13th February.—L. Chisholm, Wellington, N.Z.
Oil-can.
- No. 20711.—8th February.—J. Robertson, Waitati, N.Z.
Driving ditch-plough elevator.*
- No. 20712.—14th February.—G. Ridgway, Kalgoorlie, W.A.
Filter.*
- No. 20713.—14th February.—J. P. Campbell, Wellington, N.Z.
System of electrical distribution.* (R. Braun.)
- No. 20714.—14th February.—A. H. Braithwaite, Carterton, N.Z.
Three-horse^gswingle-tree.

- No. 20715.—14th February.—M. Samuel and J. F. C. Farquhar, London, Eng.
Oil-lamp.* (Date applied for under section 106, 9th December, 1905.)
- No. 20716.—14th February.—M. Samuel and J. F. C. Farquhar, London, Eng.
Oil-lamp.* (Date applied for under section 106, 9th December, 1905.)
- No. 20717.—14th February.—L. Serpollet, Paris, France.
Steam automobile.*
- No. 20718.—14th February.—A. Edmond, Dunedin, N.Z.
Brooch, &c., pin fastener.*
- No. 20719.—14th February.—A. J. Billows, Brisbane, Q.
Producing aerated drinks.
- No. 20720.—14th February.—W. M. Davison, Port Pirie, S.A.
Liquid vending and recording apparatus.*
- No. 20721.—14th February.—W. M. Davison, Port Pirie, S.A.
Pump for vending and recording quantity of liquid.*
- No. 20722.—13th February.—A. Beck, Timaru, N.Z.
Internal-combustion engine.
- No. 20723.—12th February.—J. W. Fowler, Whangarei Heads, N.Z.
Appliance to control recoil of vehicle-springs.
- No. 20724.—13th February.—P. and D. Duncan, Limited, Christchurch, N.Z.
Disc plough. (*J. Keir.*)
- No. 20725.—15th February.—A. T. M. Thomson, London, Eng.
Operating telephonic exchange system.*
- No. 20726.—15th February.—A. M. Day, Salt Lake City, U.S.A.
Ore-smelting apparatus.*
- No. 20727.—15th February.—N. A. H. Abel, Copenhagen, Denmark.
Hoisting and distributing building material.*
- No. 20728.—15th February.—J. Duffy, London, Eng.
Wood paving-block.* (Date applied for under section 106, 18th February, 1905.)
- No. 20729.—15th February.—C. H. Withers, Palmerston North, N.Z.
Bath.*
- No. 20730.—16th February.—J. V. N. Dorr, Denver, U.S.A.
Separating materials.*
- No. 20731.—7th December, 1905.—T. Carter, Mirboo North, Vic.
Cream and milk cooler and aerator.*
- No. 20732.—13th February.—M. and J. Robertson, Pukehiki, N.Z.
Fence-bridle for animals.*
- No. 20733.—13th February.—S. P. Andersen, Auckland, N.Z.
Preserving milk, &c.*
- No. 20734.—13th February.—H. G. Mills and S. Wootton, Dunedin, N.Z.
Sifting and mixing machine.
- No. 20735.—13th February.—I. Stevenson and J. Cook, Port Chalmers, N.Z.
Stone-shoot for dredges.
- No. 20736.—13th February.—C. P. M. Benson, Puketeraki, N.Z.
Crayfish-trap.
- No. 20737.—13th February.—F. Steele, Port Chalmers, N.Z., and W. J. Pile, Puketeraki, N.Z.
Crayfish-trap.
- No. 20738.—13th February.—F. E. Ward, Dunedin, N.Z.
Gold-saving appliance. (*A. F. B. Ward.*)
- No. 20739.—13th February.—J. Christie, Dunedin, N.Z.
Scrap sheet-metal roofing, &c.
- No. 20740.—17th February.—F. J. Shelton, Wellington, N.Z.
Tailors' stove.*
- No. 20741.—17th February.—J. T. Hunter, Wellington, N.Z.
Receiving apparatus.* (*H. Shoemaker.*)
- No. 20742.—19th February.—A. J. Border and L. M. Coventry, Wellington, N.Z.
Indicator.
- No. 20743.—15th February.—A. S. Ford, Coromandel, N.Z.
Liquid-ejector.
- No. 20744.—15th February.—J. H. Michelle and F. M. Melville, Invercargill, N.Z.
Curtain-pole bracket.
- No. 20745.—19th February.—J. Stevenson and J. Atwill, Waimate, N.Z.
Animal-cover.

- No. 20746.—19th February.—J. S. Ryan, Dunedin, N.Z.
Flying-machine.
- No. 20747.—20th February.—G. S. W. Dalrymple, Masterton, N.Z.
Fire-escape.
- No. 20748.—16th February.—W. Allen, jun., Dargaville, N.Z.
Timber-flitch carrier and placer.*
- No. 20749.—20th February.—H. G. Cornwall, Wellington, N.Z.
Message and envelope form.
- No. 20750.—20th February.—W. Henry, Wellington, N.Z.
Building-bracket.
- No. 20751.—20th February.—A. Storrie, Invercargill, N.Z.
Coulter attachment to ridger.*
- No. 20752.—21st February.—H. C. L. Rolfe, Waipawa, N.Z.
Motor-car, &c., tire.
- No. 20753.—21st February.—H. Morgan, Roxburgh, N.Z.
Gold-saving device.
- No. 20754.—21st February.—H. Butters, Lethangie, Hawke's Bay, and F. A. Larkin, Napier, N.Z.
Fencing-standard.*
- No. 20755.—21st February.—H. Storey, Auckland, N.Z.
Boiler.
- No. 20756.—21st February.—J. H. Matthews and J. Mues.
Loading ships.

Notice of Acceptance of Complete Specifications.

Patent Office,

Wellington, 21st February, 1906.

COMPLETE specifications relating to the undermentioned applications for Letters Patent have been accepted, and are open to public inspection at this office. Any person may, at any time within two months from the date of this *Gazette*, give me notice in writing of opposition to the grant of any such patent. Such notice must set forth the particular grounds of objection, and be in duplicate. A fee of 10s. is payable thereon.

No. 18704.—5th November, 1904.—FRED WILKINSON, of Britannia Street, Petone, Wellington, New Zealand, Warehouseman. Improved bracket for spouting.*

[NOTE.—The title in this case has been altered. See list of provisional specifications, *Gazette* No. 95 of the 24th November, 1904.]

Claim.—For the purpose indicated, and in combination with spouting-bracket as hereinbefore described, a metal or other stay or brace passing over the spouting, one end of which can be first fixed to the building, and the outer end of which brace is so formed that it can be connected as indicated in the drawings with the spouting bracket, which bracket then passes under the spouting and can be nailed or otherwise fixed to the wall after the spouting is placed in position, as shown in the drawings and substantially as specified.
(Specification, 2s. 6d.; drawing, 1s.)

No. 19138.—25th February, 1905.—THOMAS HIGGIE, of Wanganui, New Zealand, Farmer. Improvements relating to driving-reins.*

Claims.—(1.) For the purpose indicated, a pair of reins having one end of each rein secured to a bit and their other ends terminating in a ring secured to the collar, slip-rings passed upon the reins, second reins from the driver's hands passed through the said slip-rings through a ring on the crupper and secured to the shafts and forming a kicking-strap, substantially as set forth. (2.) For the purpose indicated, a pair of reins having one end of one rein passed through a bit-ring, thence through a ring near the horse's forehead, then passed around the throat and having its end secured to another ring upon the other side of the forehead, the corresponding end of the other rein being secured to the bit-ring, both the other ends of the reins terminating in a ring secured to the collar, slip-rings passed upon the reins, second reins from the driver's hands passed through the said slip-rings through a ring on the crupper, and secured to the shafts, and forming a kicking-strap, substantially as set forth. (3.) The combination and arrangement of parts comprising the improvements relating to driving-reins, substantially as and for the purposes set forth and illustrated in the drawing.
(Specification, 2s. 6d.; drawing, 1s.)

No. 19229.—21st March, 1905.—WILLIAM ANDREWS and ARTHUR WARD BEAVEN (trading as "Andrews and Beaven"), of South Belt, Christchurch, New Zealand. An improved seed and grain cleaning machine.*

Claims.—(1.) For the purpose indicated, brushes below the riddles, sliding-brackets having arms supporting the brushes, guide-bars adapted to receive the sliding-brackets and fixed to the frame of the machine with a slope corresponding to the slope of the riddles, and means for reciprocating the riddles, substantially as set forth. (2.) For the purpose indicated, in combination, a riddle-box having a plurality of riddles sloping downwardly towards the back of the machine, a second riddle-box having a plurality of riddles sloping towards the front of the machine, the seed from the bottom of the upper riddle-box passing to the top of the lower riddle-box, means for reciprocating the riddle-boxes in directions opposite to each other, brushes below the riddles, sliding brackets having arms supporting the brushes, guide-bars adapted to receive the sliding-brackets and fixed to the frame of the machine with a slope corresponding to the slope of the riddles, and means for reciprocating the riddles, substantially as and for the purposes specified and as illustrated in the drawings. (3.) For the purpose indicated, means for preventing leakage of seed at the sides of riddles and for securing riddles in their boxes, consisting of a bar provided with flexible material and fixed to the side of the riddle-box and above the riddle, substantially as specified and as illustrated in the drawings. (4.) For the purpose indicated, means for preventing leakage of seeds at the sides of riddles and for securing riddles in their boxes, consisting of a bar provided with flexible material, a bolt securing the bar at one end, its other end being secured by springs attached to a bracket, substantially as and for the purposes specified and as illustrated in the drawings. (5.) The combination and arrangement of parts comprising the improved seed and grain cleaning machine, substantially as and for the purposes specified and as illustrated in the drawings.

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

No. 19255.—27th March, 1905.—WILLIAM EDWARD PERCIVAL, of Inglewood, Taranaki, New Zealand, Accountant. An improved louvre-window.*

Claims.—(1.) A louvre-window comprising in combination a frame having flanges or flashings, a louvre-slat fixed to the top of the frame, louvre-slats pivoted upon pintles to the frame, eye-pieces secured to the slats, and a bar coupling the eye-pieces together, substantially as set forth. (2.) A louvre-window, comprising in combination a frame having flanges or flashings, a louvre-slat fixed to the top of the frame, louvre-slats pivoted upon pintles to the frame, eye-pieces secured to the slats, a bar coupling the eye-pieces together, and channels formed by bending over the edges of the frame, substantially as set forth. (3.) The combination and arrangement of parts comprising the improved louvre-window, substantially as and for the purposes set forth and illustrated upon the drawing.

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

No. 19313.—7th April, 1905.—WALTER SCOTT BAGBY, of Marton, New Zealand, Horse-tamer. Improvements in wagons, spring-carts, drays, and like wheeled vehicles.*

Claims.—(1.) The improvements in road-vehicles, substantially as specified and illustrated. (2.) In road-vehicles the employment of a fore-carriage comprising members integral with or fixed upon the sills of the body constructed in an upward curve and inclining downwardly to the middle of the front axle, substantially as specified and illustrated. (3.) In road-vehicles the employment of a fore-carriage comprising members integral with or fixed upon the sills of the body constructed in an upward curve and inclining downwardly to the middle of the front axle, springs connected to said members, and a seat supported upon said spring, substantially as specified and illustrated in the drawing.

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

No. 19355.—17th April, 1905.—CARL GUSTAV JOHANSON, of Christchurch, New Zealand, Storekeeper. An improved implement for cutting hedges and for other analogous purposes.*

Claims.—(1.) For the purpose indicated, an implement the blades of which are two-edged, constructed and operating substantially as described and as shown. (2.) For the pur-

pose indicated, an implement the blades of which are two-edged, in combination with a cross-bar between the handles of the blades, one blade being held secure upon one handle and the cross-bar, while the other is free to rock, and a link (as 8) between the end of the free blade and the other handle, substantially as described.

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

No. 19366.—19th April, 1905.—MANSON BARRACLOUGH, of Hawera, New Zealand, Butcher. Improvements in harness for horses.*

Claims.—(1.) In harness for horses, driving-reins threaded through the bit-rings on the respective sides of the horse's head in combination with rearwardly extending kicking-straps connected at their front ends to the reins, passing upwards through the rings of the collar, and then downwards and rearwards to the back strap of the harness on the respective sides to which their ends are secured, substantially as and for the purposes specified. (2.) The improvements in harness for horses, substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 19374.—20th April, 1905.—FRANCIS SEWELL, of Okoia, near Wanganui, New Zealand, Farmer. An implement for the extermination of noxious weeds.*

Claim.—An implement for the extermination of noxious weeds, the same consisting essentially of a handle portion, one end of which is formed with an oval-shaped knob or enlargement which is studded with nails, or the like, so that the heads project beyond the surface of the knob, and a gouge-shaped spud secured upon the other end of the handle, substantially as specified.

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

No. 19449.—10th May, 1905.—WILLIAM ALFRED ERNEST BROWNE, of 82 Booth Street, Annandale, near Sydney, New South Wales, Australia, Accountant. Improvements in multiple wood-drilling machines.*

Claims.—(1.) In hand-operated multiple wood-drilling machines, the combination with the drill-spindles of a bar holding same and adjustable longitudinally on top and bottom traversing-rods, said spindles being provided with sprocket or other gearing, so that the drills progress through the wood at a uniform rate, substantially as described and explained. (2.) In hand-operated multiple wood-drilling machines, the combination with the drill-spindles of a bar such as 8, traversing-rods such as 9, adjustable bearings for the spindles such as 18, adjustable feet such as 23, and suitable gearing for driving the spindles, substantially as described and explained and as illustrated. (3.) The improved multiple wood-drilling machine, consisting of the combination and arrangement of parts, all substantially as described and explained and as illustrated in the drawings.

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

No. 19486.—15th May, 1905.—JAMES BAIRD, of Devonport, near Auckland, New Zealand, Engineer. An improved means of crushing auriferous and other ore.*

Claims.—(1.) In the improved means of crushing auriferous and other ore specified, the dead-weight crusher having the axles fixed thereto one on each side, so that said dead-weight crusher will rock in the box from end to end thereof as power is applied to said axles, convex shoe fitted to foot of said dead-weight crusher, said box having concave bed fitted therein, convex racks or sprocket attachments fixed to and part of said convex shoe, concave racks or sprockets recesses and guides fixed to inner sides of said box, hopper for feeding material through feed-hole in said dead-weight crusher to between said convex shoe and concave bed, and mesh screen fitted on ends of said box in combination for the purpose set forth, substantially as described and illustrated. (2.) The combination, arrangement, and application of the several parts specified to the purpose set forth, substantially as described and illustrated.

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

No. 19501.—16th May, 1905.—ARTHUR CURWOOD, of Campbelltown, Shipwright, JOSEPH HARRISON, of Half-moon Bay, Stewart Island, Fish-merchant, and EWEN ALEXANDER CAMERON, of Spey Street, Invercargill, Civil Engineer and Architect, all in New Zealand. An improved means for hanging and locking sashes in window-frames.*

Claims.—(1.) Apparatus for the purpose indicated in combination with the window-frame, a sash having a groove formed on each side, a rack covering each groove, a bracket secured to the window-frame opposite each side of the sash, a toothed wheel revolvably mounted in the bracket and gearing with the rack, a locking-bar entering a slot provided in the bracket and passing between the teeth of the toothed wheel, a handle integral with the locking-bar and projecting through the window-frame, a stem integral with the handle, and a spiral spring threaded upon the stem, a bracket in which the handle and stem are mounted and secured to the window-frame, substantially as set forth. (2.) The combination and arrangement of parts comprising the improved means of fastening windows, substantially as and for the purposes set forth and illustrated in the drawing.

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

No. 19518.—26th May, 1905.—RAFFAELLO PALADINI, of Arney Street, Newtown, Wellington, New Zealand, Cabinet-maker. An improved fastener for mail-bags and the like.*

Claims.—(1.) For the purpose indicated, a hollow boss, a chain secured at one end to the boss, a bar fastened to the other end of the chain and adapted to fit into a groove across the fastener, a pin projecting upon each side of the bar and adapted to lie in a groove or hollow in the side of the fastener, substantially as set forth. (2.) For the purpose indicated, a hollow boss, a chain secured at one end to the boss, a bar fastened to the other end of the chain and adapted to fit into a groove across the fastener, a pin projecting upon each side of the bar and adapted to lie in a groove or hollow in the side of the fastener, a cam pivoted to the fastener, a socket integral with the cam, and a rod adapted to fit the socket, substantially as set forth. (3.) The combination and arrangement of parts comprising the improved fastener for mail-bags and the like, substantially as and for the purposes set forth and illustrated in the drawing.

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

No. 19584.—9th June, 1905.—ANDREW TAIT WALKER ALLAN, of Amy Street, Thames, New Zealand, Miner. An improved iron standard and picket for either barbed or plain wire fencing.*

Claim.—In fencing standards and pickets, holes formed laterally at desired distances apart and adapted to receive the wires of which the fencing is composed, such holes being provided with slot-extensions extending from one side to the edge of the standard or picket, in combination with a ring threaded loosely through the standard or picket above each hole therein, and depending down within the hole, and extending across the opening therefrom into the slot, substantially as specified.

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

No. 19689.—5th July, 1905.—ROBERT WESTON, of No. 8 Argyle Street, Brougham Street, Sydenham, Canterbury, New Zealand, Pattern-cutter. Cycle-pedal strap.*

Claims.—(1.) A device for the purpose indicated, comprising a main band having straps secured one at each end, said straps passing through holes in the ends of the band and being secured to a buckle upon the top of the band, substantially as specified and illustrated. (2.) A cycle-pedal strap constructed, arranged, and operating, substantially as and for the purposes specified and as illustrated in the drawings.

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

No. 19831.—3rd August, 1905.—HILARY QUERTIER, of Woods Hotel, Dunedin, New Zealand, Engineer. Apparatus for clearing the rails of tramways and the like.*

Extracts from Specification.—According hereto I employ a frame which is approximately rectangular in plan, and having one of its ends pivotally mounted in brackets secured beneath the vehicle. The frame extends forwardly, and is supported by tension springs. Ploughs or scrapers, one for each of the rails, are arranged one upon each side of the front of the

frame. . . . Said frame also carries a pair of bristle or wire brushes one for each rail, said brushes each having a projecting portion adapted to fit into the rail-groove. The axle which carries said brushes is revolvably mounted in bearings at the lower ends of vertical spindles, which are capable of vertical movement in the frame. A spring threaded upon each of said spindles normally presses the axle downwards. When the apparatus is employed in connection with an electrical railway system an electric motor is carried upon the brush-axle for the purpose of revolving the same, current being conveyed to said motor through a switch under control of the attendant on the vehicle.

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

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

No. 19851.—8th August, 1905.—JOHN BELL, of No. 165B High Street, Prahran, near Melbourne, Victoria, Australia, Bootmaker. A pump-repairing jack for boots and shoes.*

Claims.—(1.) A pump-repairing jack for boots and shoes, consisting of the various parts constructed, arranged, and operating, substantially as and for the purposes specified and as illustrated in the drawings. (2.) In a pump-repairing jack a last (as F) pivotally or adjustably mounted upon the upper end of a standard in combination with a stout spring (as I) to engage the heel of the pump, substantially as and for the purposes specified and as illustrated in the drawings. (3.) In a pump-repairing jack a last (as F) adjustably mounted upon the upper end of a standard in combination with a spring (as G) on its under-side to take in the slack of the upper, substantially as and for the purposes specified and as illustrated in the drawings. (4.) In a pump-repairing jack a last (as F) pivotally mounted upon the upper end of a standard projecting upwardly from a tripod or other stand (as A), said last being connected to or mounted upon said standard by a knuckle-joint and clamping screw or bolt (as E) substantially as and for the purposes specified and as illustrated in Figs. 1 to 3 of the drawings. (5.) In a pump-repairing jack a last (as F) connected by ball-and-socket joint with a standard (as B), substantially as and for the purposes specified and as illustrated in Fig. 4 of the drawings.

(Specification, 3s. 6d. ; drawings, 2s.)

No. 20031.—14th September, 1905.—JAMES STOCKER SCARR, of 115 and 117 Elizabeth Street, Hobart, Tasmania, Australia, Importer. Bush-vermin trap.*

Claims.—(1.) The bush-vermin trap consisting of the frame A with slots G, bars B, tank or bait-holder C, tray or saucer D, wire-cover E, and tips F, substantially as described and illustrated. (2.) The combination of the frame A with bars B, tank or bait-holder C, tray D, wire cover E, and tips F, substantially as set forth. (3.) The general construction, arrangement, and combination of parts composing my bush-vermin trap as and for the purposes set forth. (4.) In a device for trapping vermin, in combination, a frame A having slots G for the reception of the bars B, the tank or bait-holder C with tray or saucer D, wire bait-protector E, and tips F, substantially as set forth and as shown in the drawings and specification.

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

No. 20089.—20th September, 1905.—ROBERT JOHN BURLTON-BENNET, Commission Agent, and WALTER SHADGETT, Electrician, both of Auckland, New Zealand. An improved electric belt.

Claims.—(1.) The improved electric belt, constructed substantially as described and explained and as illustrated in the drawings. (2.) In electric belts, the combination with an electric battery, the terminals of which are respectively connected to metallic contact-discs upon the front and rear portions of the belt, of permanent or electro-magnets attached to the front and rear portions of the belt, substantially as specified.

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

No. 20148.—6th October, 1905.—THE UNIVERSAL PATENT BOTTLE COMPANY, LIMITED, a company registered according to the laws of the State of New South Wales, Australia, having their registered office at Union Street, Tighe's Hill, near Newcastle, New South Wales, aforesaid, assignees of

Alexander Houseman and Louis Weichert, both of Charlestown, near Newcastle. Improvements in anti-fraudulent bottles.

Extract from Specification.—According to these improvements the neck of the bottle has a rabbet or step or recess internally there of a short distance from the top or mouth. Below and from this rabbet the neck is made slightly convex lengthwise and holds the cork. A lock stopper or plug of glass or porcelain or other suitable material having compressible protruding catches or springs is adapted to be inserted in the neck of the bottle until the compressed catches or springs pass under the rabbet or into the recess and engage therein, thus locking said stopper or plug against withdrawal until the head or neck is broken off, which is facilitated by an external recess at the junction of head and neck.

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

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

No. 20516.—3rd January, 1906.—WILLIAM SAMUEL LAYCOCK, of Victoria Works, Millhouses, Sheffield, England, Engineer. Improvements in seats for railway-carriages or other vehicles.

Claims.—(1.) In a seat of the kind herein referred to, the combination with arms supporting the back of levers pivotally connected with the said arms and provided with pins or projections engaging in slots in the frame of the seat, the upper ends of said levers engaging projections upon brackets secured to the seat proper, as described with reference to the drawings. (2.) The combination with mechanism such as described in claim 1 of cheeks or cam-surfaces upon the end of the arms carrying the seat-back and fixed projections designed to engage said surfaces, in order to alter the inclination of the seat-back.

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

No. 20543.—16th May, 1905.—ARTHUR CURWOOD, of Campbelltown, Southland, New Zealand, Shipwright, JOSEPH HARRISON, of Half-moon Bay, Stewart Island, Fish-merchant, and EWEN ALEXANDER CAMERON, of Spey Street, Invercargill, Southland, aforesaid, Civil Engineer and Architect. Improved means for balancing and fastening window-sashes.

Extract from Specification.—This invention relates to means for balancing and fastening window-sashes, and according hereto each sash is provided with a rack sunk into a groove formed in each side of the sash. Brackets in which toothed wheels are mounted are let into the framing on each side of the window so that the racks on the sashes engage with the toothed wheels. The usual sash-balance weight and cords are dispensed with, and I make the weights with racked teeth to engage the toothed wheels before mentioned. Each bracket is provided with rollers, against which the weight rests and by which its teeth are kept in gear with the toothed wheel. The bracket has a slot into which a locking-bar passes and engages the teeth of the toothed wheels, which are thus prevented from revolving, and thereby fasten the window-sashes.

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

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

No. 20553.—10th January, 1906.—ROBERT HARBEN WHITELEGG, of Stuart House, Upton Lane, Forest Gate, Essex, England, Locomotive Engineer. An improved variable blast-pipe arrangement for locomotive engines.

Extract from Specification.—A convenient way of carrying out my invention when applied by way of example in connection with the ordinary link-motion gear is as follows: On the reversing-shaft I provide a lever which I connect with the downwardly continued stem of a regulating-cone which is arranged in the centre of the coned upper end of the exhaust-pipe in the smoke-box, the arrangement being such that the greatest opening for the exhaust is given when the valve-gear is either in the full forward or full backward position, whilst the smallest opening occurs when the valve-gear is notched up and worked most expansively.

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

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

No. 20565.—9th January, 1906.—ALFRED BRADFIELD, Junior, of Ratanui, New Zealand. An attachment for lifting-jacks.

Claims.—(1.) In lifting-jacks the combination of an ordinary jack having a heel, with a plate or bands passing under the bottom and forming a reverse heel on each side of the heel that is part of jack, substantially as shown and as described and for the purposes set forth. (2.) In bottle or similar jacks, the combination of a jack with straps or bands fixed to both ends of said jack and forming heels capable of being drawn apart by the usual action of the jack, all substantially as shown in the drawing and as explained and described.

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

No. 20581.—16th January, 1906.—HILARY QUERTIER, of Woods Hotel, Dunedin, New Zealand, Engineer. Improvements in rail-cleaners for tramways and the like.

Extract from Specification.—My present invention comprises improvements in the construction of the ploughs for clearing rail-grooves and means for securing them to a pivoted carrying-frame, dirt-deflecting screens for the revolving cleaning-brushes, and a method of constructing the brushes which renders them renewable at a low cost when worn out.

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

(Specification, 7s. ; drawings, 2s.)

No. 20585.—17th January, 1906.—JAMES BROOKS, of Chicago, Illinois, United States of America, Physician. Improvements in flasks or cores for castings.

Claims.—(1.) The described composition of matter, consisting of sand and borax. (2.) The described composition of matter, consisting of sand, sodium-borate, and a liquid. (3.) A composition of matter for use in making cores for castings, and consisting of a body of earthy material, borax, and a liquid to unite them. (4.) A mouldable composition adapted to be moulded and hardened in a predetermined form, comprising a boron-compound and a silicious filler. (5.) A mouldable composition adapted to be moulded and hardened in a predetermined form, comprising a borate of sodium, a liquid, and a silicious filler. (6.) The described composition of matter, consisting of a mixture of sand, borax, and a liquid, hardened by heat. (7.) A composition of matter for use in making cores for castings, consisting of a body of earthy material, borax, and a liquid, hardened by heat. (8.) A mouldable composition adapted to be moulded and hardened by heat in a predetermined form, comprising a boron-compound and a silicious filler. (9.) A mouldable composition adapted to be moulded in a predetermined form, comprising an alkaline borate, a silicious filler, and a suitable liquid, hardened by heat. (10.) A mouldable material, comprising borax, sand, and water, adapted to be moulded and hardened by heat in a predetermined form.

(Specification, 3s. 6d.)

No. 20589.—18th January, 1906.—JAMES INGLE, of 58 Smith Street, Kennington Park, London, England, Engineer, and WILLIAM JAMES GREEN, of 60 North Side, Clapham Common, London, England, Chemist. Improvements in and relating to branding-machines for casks, cases, and the like.

Claims.—(1.) A branding-machine, consisting of a sliding-frame, a set of type-wheels mounted on said sliding-frame, operating-gear for moving the said type-wheels, means carried by the frame of the machine adapted to co-act with the type-wheel operating-gear so as to move the type-wheels and present consecutive numbers at each operation, and means for heating the said type-wheels with gaseous fuel, substantially as described. (2.) A branding-machine, consisting of a sliding-frame, a set of type-wheels mounted on said sliding-frame, operating-gear for moving the said type-wheels, means carried by the frame of the machine adapted to co-act with the type-wheel operating-gear so as to move the type-wheels and present consecutive numbers at each operation, and a gas-burner supported on the operating-gear of the vertical moving-frame and adapted to pass under and move away from the type-wheels automatically by the movement of the operative mechanism, substantially as described. (3.) In a branding-machine as claimed in claim 2, the arrangement of an automatically controlled gas-supply upon the gas-burner device, substantially as described. (4.) The arrangement and construction of a consecutive-numbering branding-machine, substantially as described and illustrated in and by the drawings.

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

No. 20590.—18th January, 1906.—ALBERT LINCOLN JOHNSON, of St. Louis, Missouri, United States of America, Civil Engineer. Improvement in corrugated bars.

Extract from Specification.—My invention relates to corrugated bars for reinforced concrete constructions, and has for its principal objects to produce a corrugated bar having a uniform cross-section; to produce a corrugated bar having projections or depressions arranged at such an angle to the axis of the bar that in any transverse plane the area of the section through the projections or depressions will be equal to the area of such section in any other transverse plane; to produce a corrugated bar having projections or depressions inclined to the axis of the bar, and so disposed relatively to each other as to neutralise the forces tending to move the bar laterally; to overcome the objectionable results arising from ribs, projections, or depressions inclined at an angle to the axis of the bar.

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

(Specification, 8s.; drawing, 1s.)

No. 20592.—18th January, 1906.—WILLIAM ERNEST HUGHES, of Queen's Chambers, Wellington, New Zealand, Registered Patent Agent (nominee of William Maple Bradshaw, of 400 Whitney Avenue, Wilkensburg, Pennsylvania, United States of America, Electrical Engineer). Improvements in alternating-current electric motors.

Claims.—(1.) An alternating-current motor having shunt and series field coils with separate cores for said coils, one of said cores having a main polar projection and polar projections at right angles thereto separated from the main polar projection by air-gaps, and the other of said cores having polar projections which are opposite the gaps in the first core, substantially as described. (2.) An alternating-current motor with a core of the kind described, and having a closed circuit conductor adjustable longitudinally on the main polar projection, substantially as and for the purpose specified.

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

No. 20594.—2nd February, 1905.—BELTON TATNALL HAMILTON, of the Finchley Motor and Engineering Company, Limited, of Finchley, Middlesex, England, Engineer, and LEWIS STROUD, of 19 and 20 Holborn Viaduct, London, England, Solicitor. Improvements in and relating to locking devices.

[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 controlling device of the kind described, the combination with the handle C and arm B D having slight relative movement of spring-controlled balls or rollers E, the whole being arranged and operated substantially as described. (2.) In a controlling device of the kind described, the combination with the arm B of the cam-shaped portion D, substantially as and for the purpose described. (3.) In a controlling device of the kind described, the combination with the arm B of the casing B'. (4.) In a controlling device of the kind described, the combination with the bar A of the movable member G, handle C, and locking device E F, substantially as described. (5.) The complete controlling device acting as described or illustrated in Figs. 1 to 3, or in Figs. 4 and 5, or in Fig. 6, or in Fig. 7 of the drawings.

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

No. 20599.—17th January, 1906.—JOHN J. BRYERS, of Rawene, Hokianga, New Zealand, Proprietor of the Masonic Hotel. An improved automatic fire-escape.

Claims.—(1.) A balanced trap-door, cover, lid, window, grating, skylight, ventilator, or damper, as the case may be, counterbalanced by a ladder, shoot, hoist, or vehicle, as the circumstances may dictate, by means of a "conveyer" such as described in combination for the purposes described. (2.) A "conveyer" such as described in combination with a balanced hinged trap-door, cover, lid, window, grating, skylight, ventilator, or damper, as the case may be, counterbalanced by a hinged ladder, shoot, hoist, or vehicle, as may be, in combination with a "conveyer" such as described, for the purpose described.

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

No. 20613.—18th January, 1906.—FRANCIS STEELE, of Port Chalmers, New Zealand, Fisherman. Improved crayfish trap.

Claim.—A crayfish-trap in which the upper portion is bent inwardly in a hook shape, leaving an opening, and in which the bait-support lies across the top of the trap, substantially as described.

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

No. 20620.—23rd January, 1906.—HENRY JAMES MARKS, of Russell Street, Toowoomba, Queensland, Australia, Architect. An improved method of hanging windows, shutters, or doors.

Claims.—(1.) In an improved method of hanging windows, shutters, or doors an arm hinged to the jamb and pivoted centrally or thereabouts to the rail of the window-shutter or door, as described and illustrated by drawings. (2.) In an improved method of hanging windows, shutters, or doors an arm hinged to the jamb and pivoted centrally or thereabouts to the rail of the window, shutter, or door, to one end of which at top and bottom are secured pins adapted to slide in grooves in sill and head of opening, as described and illustrated by drawings.

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

No. 20621.—23rd January, 1906.—HENRY JAMES MARKS, of Russell Street, Toowoomba, Queensland, Australia, Architect. Improved chimney-top and ventilator.

Claim.—In chimney-tops, ventilators, and the like having enlarged chambers with transverse drain-gutters under the upper opening, the use of drip edges *f*, and ribs *c*, as arranged in the forms, substantially as described and illustrated by drawings.

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

No. 20622.—23rd January, 1906.—ALEXANDER TAYLOR, of Dunedin, New Zealand, Attendant. Improved flushing-cistern.

Claims.—(1.) In a flushing-cistern, an arm pivoted to the discharge-lever and carrying at its end a cup with a small opening in its bottom, the cup being adapted to descend into and be filled by the water in the cistern when the discharge-lever is actuated for discharge thereof, substantially as and for the purposes set forth. (2.) In a flushing-cistern, an air-pipe entering the discharge-pipe below the valve, substantially as and for the purpose set forth. (3.) Improved flushing-cistern, substantially as described and illustrated in the drawing.

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

No. 20733.—13th February, 1906.—SÖREN PEDER ANDERSEN, of Auckland, New Zealand, Dairy Expert, C.A., Royal Danish Agricultural College. An improved method of preserving milk, cream, butter, and suchlike.

Claims.—(1.) The method of preserving milk, cream, butter, and suchlike in its semi-natural state by mixing with the milk or cream one-sixteenth to one-twentieth percentage of bicarbonate of soda (NaHCO_3), stirring it, and again mixing with it three-tenths to five-tenths of ten-volume strength of hydrogen-peroxide (H_2O_2), then heating the mixture to 110° Fahr. under occasional stirring, and keeping it at that temperature for fifteen to thirty minutes, subsequently cooling it down to 50° Fahr., all for the purpose set forth, substantially as described. (2.) The method of when milk or cream has been treated with the process as explained in claim 1 hereof, of adding and mixing with it while it should contain any microbes, germs, or spores, a three-tenths to five-tenths percentage of ten-volume strength of hydrogen-peroxide (H_2O_2), and then heating such mixture to 110° Fahr. for fifteen to thirty minutes under occasional stirring, and subsequently cooling it down to 50° Fahr., all for the purpose set forth, substantially as described. (3.) The method of adding or mixing with milk or cream a three-tenths to five-tenths percentage of ten-volume strength of hydrogen-peroxide (H_2O_2), and heating the mixture to 110° Fahr. for fifteen

to thirty minutes under occasional stirring, and then subsequently cooling it down to 50° Fahr., all for the purpose set forth, substantially as described.

(Specification, 4s. 6d.)

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, 21st February, 1906.

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

- No. 19495.—C. E. Beer, road-vehicle lock and clamp, &c.
No. 20428.—P. J. Cocks and F. O. Andrews, poultry-feeder.
No. 20472.—F. Stubbs, fixing tubes in steam-boilers.
No. 20494.—W. Shephard, blight-destroying composition.
No. 20557.—J. Todd, spreader for draught-chains.
No. 20573.—F. E. A. Gordon, metal-polishing composition.
No. 20574.—J. Pomeroy, signal-lamp.
No. 20575.—H. Mitchell, brooch-fastening.
No. 20603.—J. C. D. Dow, liquid measurer and draw-off.
No. 20605.—W. G. Meddings, recording breakage of fire-prevention sprinkler.
No. 20609.—R. Dunne, sleeve-cuff protector.
No. 20611.—J. A. Woodward, brace and trouser adjustment.
No. 20614.—J. Strachan, fan.
No. 20615.—A. L. Speden, door-lock.
No. 20616.—T. Driffield and P. T. Johns, chimney-top.
No. 20617.—S. B. Corrigan, solution for curing potato-blight.
No. 20618.—W. J. Healey, brooch-fastening.
No. 20619.—J. Glossop, sock.
No. 20623.—K. Knox, candle-holder for sewing-machine.
No. 20625.—D. McKinnon, seed-sower.
No. 20626.—J. R. Masson, recovery of gold and antimony from ores and tailings.
No. 20631.—W. Jenkins, boot-sole attachment.
No. 20632.—M. Daly, windmill mechanism.
No. 20634.—F. A. Alcock, billiard-table pocket.
No. 20646.—W. H. Mawhinay, fire-kindler.
No. 20647.—J. A. Boyd and H. S. Woolcott, paint.
No. 20648.—H. Ashworth, train arrival and departure indicator.
No. 20649.—R. A. Noedl, bicycle-pedal protector.
No. 20651.—F. A. Oddie, pressure-vat for metallurgical operations.
No. 20653.—D. H. Bird, seed-sower.
No. 20658.—E. R. Godward, egg-beater, whisk.
No. 20666.—R. B. Smith, stump-jump plough and cultivator.
No. 20668.—G. T. Booth, exterminating Californian thistle.
No. 20670.—E. A. Evans, blind-cord fastener.
No. 20673.—F. H. Trevellian, cash-register.
No. 20676.—H. B. Tucker and A. Jack, rim-protector for motor-car wheel.
No. 20677.—G. H. Sutcliffe and J. Mounce, operating number of rock-drills together.
No. 20683.—G. B. Holmes and A. D. Allen, trolley-head.
No. 20687.—G. F. Evans, window-sash attachment.
No. 20688.—R. Williams, hot well.
No. 20693.—J. A. Walker, movable chair seat and back.
No. 20694.—J. E. Holland, tool for withdrawing fencing-staples.
No. 20695.—W. C. Quinnell, milk pail and stool.
No. 20696.—R. A. Noedl, music-holder.
No. 20702.—I. Lewis, building material.
No. 20704.—C. J. Tuck, pulley or block.

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 7th to the 21st February, 1906, inclusive:—

- No. 18555.—H. Falkner, moulding-boards.
No. 18602.—G. W. Darvall, combined bottle-stopper, &c.
No. 18649.—W. M. Pritchard and J. S. Boyle, boot-sole.
No. 18652.—A. McColl, mechanism for timber veneer.
No. 18654.—J. W. Wrigley, corrugated and other iron roofing.
No. 18821.—H. H. Nicholson, bird-trap.
No. 18828.—J. J. Strain, gas-stove.
No. 18955.—J. Strathern, automatic water-power. (W. Moorcraft.)
No. 19181.—R. C. Bishop, boiler for gas-range.
No. 19193.—J. A. Walker, billiard and dining table.
No. 19425.—N. Lombard, governor.
No. 19748.—T. R. Moses, draught-excluder for doors.
No. 19916.—J. R. Park, chimney. (C. Weber.)
No. 19942.—J. C. Barker, water-filter.
No. 19987.—H. Pieper, electrically driven machine.
No. 19990.—D. Charleston, sealing punctures in tires, &c.
No. 19991.—G. and C. Hoskins, Limited, locking bar-pipes. (G. J. Hoskins.)
No. 20024.—R. C. Bishop, gas-heated boiler.
No. 20074.—F. A. Dixon, gutter-fascia.
No. 20136.—J. T. Innes, water-feed for steam-boiler, &c.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 14516.—J. M. Phillipps, windmill. 12th February, 1906.
No. 14550.—The American Machine Telephone Company, Limited, telephone exchange. (G. W. Lorimer.) 7th February, 1906.
No. 14611.—The British Westinghouse Electric and Manufacturing Company, Limited, alternating or polyphase current-circuit. (J. T. Hunter—F. Conrad.) 19th February, 1906.
No. 14620.—The British Westinghouse Electric and Manufacturing Company, Limited, collector-ring for electrical machine. (W. T. L. Travers—R. Siegfried.) 15th February, 1906.
No. 14644.—The British Westinghouse Electric and Manufacturing Company, Limited, dynamo electric generator. (J. P. Campbell—B. G. Lamme.) 15th February, 1906.
No. 14647.—United Shoe-machinery Company, fastenings-inserting machine. (L. A. Casgrain.) 13th February, 1906.
No. 14649.—The British Westinghouse Electric and Manufacturing Company, Limited, electrical distribution. (W. E. Hughes—B. G. Lamme.) 19th February, 1906.
No. 14670.—Babcock and Wilcox, Limited, oil-separator. (J. Chambers and Son, Limited—A. Arndt.) 19th February, 1906.
No. 14671.—Babcock and Wilcox, Limited, mechanical chain grate-stoker. (J. Chambers and Son, Limited—G. W. Thode.) 19th February, 1906.
No. 14672.—Babcock and Wilcox, Limited, mechanical chain grate-stoker. (J. Chambers and Son, Limited—G. W. Thode.) 19th February, 1906.
No. 14697.—United Shoe-machinery Company, heel-nailing machine. (B. F. Mayo.) 13th February, 1906.
No. 14698.—United Shoe-machinery Company, pulling-over machine. (R. F. McFeely.) 13th February, 1906.
No. 14789.—United Shoe-machinery Company, jack for heel-nailing machine. (J. H. Pope.) 13th February, 1906.
No. 14811.—L. B. Baron, cigarette-manufacturing machine. 15th February, 1906.
No. 15682.—R. Sorby and Sons, Limited, sheep-shears. (H. Burgon.) 13th February, 1906.

THIRD-TERM FEES.

- No. 11383.—J. Greenslade, grain-dresser. 15th February, 1906.
No. 11425.—The British Westinghouse Electric and Manufacturing Company, Limited, switch for electric circuit. (G. Wright.) 19th February, 1906.
No. 11436.—W. R. S. Jones, railway-car gear. 7th February, 1906.
No. 11454.—The Greenwich Inlaid Linoleum (Frederick Walton's New Patents) Company Limited, mosaic floor-cloth. (F. Walton.) 14th February, 1906.
No. 11465.—The British Westinghouse Electric and Manufacturing Company, Limited, electric motor and meter. (H. P. Davis and F. Conrad.) 19th February, 1906.

No. 11466.—The British Westinghouse Electric and Manufacturing Company, Limited, electric current conversion and distribution. (B. G. Lamme.) 19th February, 1906.

No. 11467.—The British Westinghouse Electric and Manufacturing Company, Limited, electric-motor controller. (H. P. Davis.) 19th February, 1906.

No. 11468.—The British Westinghouse Electric and Manufacturing Company, Limited, regulation of rotary transformer direct-current electromotive force. (C. F. Scott and B. G. Lamme.) 19th February, 1906.

No. 11493.—The British Westinghouse Electric and Manufacturing Company, Limited, circuit-breaker. (H. P. Davis.) 19th February, 1906.

No. 11494.—The British Westinghouse Electric and Manufacturing Company, Limited, electric brake. (H. P. Davis.) 19th February, 1906.

No. 11495.—The British Westinghouse Electric and Manufacturing Company, Limited, alternating-current measuring instrument. (H. P. Davis and F. Conrad.) 19th February, 1906.

No. 11496.—The British Westinghouse Electric and Manufacturing Company, Limited, electric current utilisation and conversion. (B. G. Lamme.) 19th February, 1906.

Subsequent Proprietors of Letters Patent registered.

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

NO. 17148.—Minerals Separation, Limited, of 62 London Wall, in the City of London, England. Concentration and classification of ores. [A. E. Cattermole.] 8th February, 1906.

No. 17769.—The New Century Engine Company, Limited, having its registered office at 155 Salisbury House, London Wall, in the City of London, England. Locomotive engine and generator. [The New Century Engine (Foreign Patents) Company, Limited.] 8th February, 1906.

No. 18493.—The Golden Bay Coal Company, Limited, a company incorporated in New Zealand, and having its registered office at Auckland, in the Colony of New Zealand. Obtaining ammonium chloride from coal, &c. [A. G. French.] 8th February, 1906.

Applications for Letters Patent abandoned.

LIST of applications, with which provisional specifications only have been filed, abandoned (i.e., complete specifications not lodged), from the 7th to the 21st February, 1906, inclusive:—

- No. 19321.—J. L. Kirkbride, life-guard for tram-car.
- No. 19323.—J. Lambie, cycle-tire.
- No. 19326.—O. and P. Paora, grinding-machine.
- No. 19327.—H. Sandlant, mantle and globe carrier.
- No. 19328.—J. Shepherd, lubricator.
- No. 19331.—E. A. Allan, mouth-organ.
- No. 19332.—W. Seal, pump.
- No. 19333.—E. H. Whitmore, clip for cardboard box.
- No. 19335.—E. F. Reynolds, milk-strainer.
- No. 19336.—R. Paladini, mail-bag fastener.
- No. 19339.—W. Lowe, seed-sower.
- No. 19340.—A. F. Roy, waterproofing calico.
- No. 19341.—J. B. Crump, potato-planter.
- No. 19344.—T. Vivian, bone-dust substitute.
- No. 19349.—F. H. Porter, stopper for submarine mine.
- No. 19351.—F. B. Fox, toaster.
- No. 19353.—W. Chappell, measuring sun's altitude.
- No. 19354.—D. Skinner, rail bond and coupling.
- No. 19357.—G. I. Durrant and P. Robert, calk for horse-shoe.
- No. 19359.—H. D. Mackenzie, flax treatment.
- No. 19364.—R. Wales, making up telegraphic messages. (D. Robertson.)
- No. 19365.—R. Wales, paper container and deliverer. (D. Robertson.)
- No. 19369.—J. A. Forbes, bath.
- No. 19378.—A. J. Buckland, table-support.
- No. 19382.—A. H. Farmer, valve.
- No. 19384.—T. W. Hewitt, vehicle-brake.
- No. 19385.—J. J. Macky, trolley-wheel guide.
- No. 19386.—C. Gieseler, and H. J. Major. Tip-wagon.

B

Application for Letters Patent void.

APPLICATION for Letters Patent, with which complete specification has been lodged, void, owing to non-acceptance of such complete specification, from the 8th to the 21st February, 1906, inclusive:—

No. 18757.—C. E. Horman, rotary scraping-board.

Applications for Letters Patent lapsed.

LIST of applications lapsed, owing to Letters Patent not being sealed, from the 8th to the 21st February, 1906, inclusive:—

- No. 18292.—D. H. Morrison, bridge-marker.
- No. 18316.—W. E. Chamberlain, fencing-standard.
- No. 18345.—F. W. Stokoe, ladder attachment.
- No. 18346.—J. Mitchell, low-pressure cock.

Application for Letters Patent withdrawn.

THE following application for Letters Patent has been withdrawn:—

No. 19742.—T. Danks, belt-shifter (advertised in Supplement to *New Zealand Gazette*, No. 75, of the 10th August, 1905).

Letters Patent void.

LETTERS Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 8th to the 21st February, 1906, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 14208.—C. A. Briggs, fire-escape.
- No. 14209.—E. R. Godward, hair-curler.
- No. 14213.—E. H. Slater, cutter for planer.
- No. 14214.—H. D. Crippen, rock-drill (G. S. Maxwell and G. White.)
- No. 14215.—F. W. Martino, barium compound.
- No. 14220.—E. H. Hopkins, obtaining zinc.
- No. 14221.—F. J. Odling and W. Jamieson, sifter.
- No. 14222.—E. Dodd, coupler.
- No. 14223.—R. Kandler, explosive.
- No. 14225.—T. T. A. Hansen and C. C. F. F. Petersen, accumulator.
- No. 14226.—M. Corrington, brake.
- No. 14229.—A. W. Chatfield, waterproofing compound.
- No. 14242.—J. A. B. Wesley, fish-bolt.
- No. 14244.—C. Tandy, shearing-machine.
- No. 14245.—A. E. Tucker and C. Cory, fuel.
- No. 14246.—H. E. Gresham, railway sanding apparatus.
- No. 14248.—J. J. C. Roxburgh, dip.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 11154.—A. M. Waters, potato-digger.
- No. 11156.—W. E. Hughes, floor. (E. Jensen.)
- No. 11158.—A. Brainard, paper-bag machine.
- No. 11159.—C. K. A. von Welsbach, electric lamp. (E. E. Claussen.)
- No. 11163.—W. E. Hughes, concrete-pipe machine. (E. Jensen.)

THROUGH EXPIRY OF TERM.

- No. 5426.—R. Boyle and Son, Limited, ventilator. (R. Boyle.)

Designs registered.

DESIGNS have been registered in the following names on the dates mentioned:—

Nos. 278 and 279.—C. Collings of Bond Street, Arch Hill, in the Provincial District of Auckland, and Colony of New Zealand, Ironfounder. Class 1. 26th January, 1906.

No. 280.—Archibald McNeil, of Invercargill, in the Colony of New Zealand, Clothier. Class 10. 13th February, 1906.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 21st February, 1906.

APPLICATIONS for registration of the following trade marks have been received. Notice of opposition to the registration of any of these applications may be lodged

at this office within two months of the date of this *Gazette*. Such notice must be in duplicate, and accompanied by a fee of £1.

No. of application : 5623.
Date : 4th November, 1905.



NAME.

SMITH AND SMITH, LIMITED, of Dunedin, in the Colony of New Zealand, Manufacturers and Importers.

No. of class : 1.
Description of goods : Varnishes.

No. of application : 5728.
Date : 18th January, 1906.

TRADE MARK.
The word
WUNSAWEEK.

NAME.

WILLIAM SOMERVILLE, of Federal Coffee Palace, Christchurch, in the Colony of New Zealand.

No. of class : 50.
Description of goods : Boot and harness dressing.

No. of application : 5751.
Date : 25th January, 1906.

TRADE MARK.
The word
MORGANITE.

NAME.

THE MORGAN CRUCIBLE COMPANY, LIMITED, of Battersea Works, Battersea, London, England, Crucible-manufacturers.

No. of class : 6.
Description of goods : Brushes for motors and dynamos, dashpot-plungers, pistons, and bearings.

No. of application : 5752.
Date : 25th January, 1906.

TRADE MARK.



NAME.

THE MORGAN CRUCIBLE COMPANY, LIMITED, of Battersea Works, Battersea, London, England, Crucible-manufacturers.

No. of class : 6.
Description of goods : Motor-brushes and brushes for dynamos.

No. of application : 5762.
Date : 5th February, 1906.

TRADE MARK.
The word
NITBANE.

NAME.

SAMUEL JOHN EVANS, of Dowling Street, Dunedin, in the Colony of New Zealand, Manufacturing Chemist.

No. of class : 2.
Description of goods : A preparation for killing vermin.

No. of application : 5763.
Date : 14th February, 1906.

TRADE MARK.
The word
STARSHINE.

NAME.

EVANS AND WILLIAMSON, trading as "The Johannesburg Mirror Company," of 5 and 7 Dowling Street, Dunedin, in the Colony of New Zealand.

No. of class : 50.
Description of goods : A preparation for cleansing and polishing silver, brass, copper, and other metals.

No. of application : 5764.
Date : 5th February, 1906.

TRADE MARK.
The word
SHRUB.

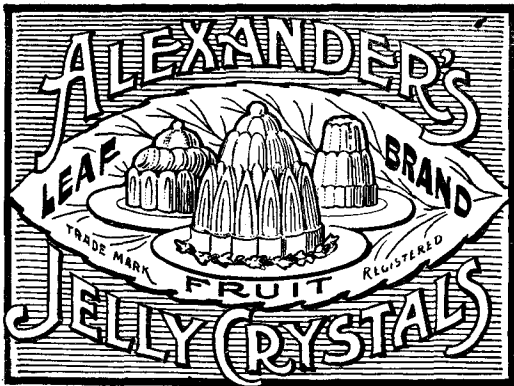
NAME.

HENRY WILLIAMSON, care of S. J. Evans, of 5 and 7 Dowling Street, Dunedin, in the Colony of New Zealand.

No. of class : 42.
Description of goods : A preparation cordial or beverage for human consumption.

No. of application : 5765.
Date : 6th February, 1906.

TRADE MARK.



The essential particulars of this trade mark are the following: The word "Leaf," the central device, and the distinctive label; and any right to the exclusive use of the added matter is disclaimed.

NAME.

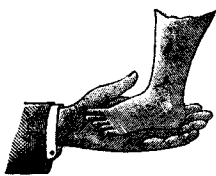
ALEXANDER MURDOCH AND Co., of 85 St. Andrew Street, Dunedin, in the Colony of New Zealand, Manufacturing Chemists.

No. of class : 42.

Description of goods : Table-jellies, and preparations for making them.

No. of application : 5766.
Date : 6th February, 1906.

TRADE MARK.



NAME.

SAMUEL ELI WOOTTON, of 207 Cumberland Street, Dunedin, in the Colony of New Zealand, Manufacturer.

No. of class : 3.

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

No. of application : 5767.
Date : 6th February, 1906.

TRADE MARK.

The word

HUMIDINE

NAME.

HUMIDINE, LIMITED, of 7 King Street, Cheapside, in the City of London, England, Manufacturers of Anti-fouling and Non-corrosive Paints and Anti-incrustation Compositions.

No. of class : 1.

Description of goods : Anti-fouling and non-corrosive paints and anti-incrustation compositions.

No. of application : 5768.
Date : 7th February, 1906.

TRADE MARK.



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

NAME.

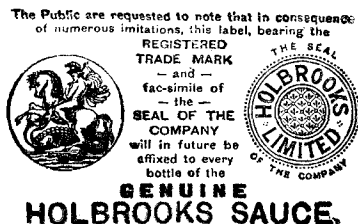
ALFRED ERNEST SYKES, of New Plymouth, in the Colony of New Zealand, Wholesale Manufacturing Chemist.

No. of class : 2.

Description of goods : An antiseptic ointment for veterinary purposes.

No. of application : 5770.
Date : 8th February, 1906.

TRADE MARK.



The essential particulars of this trade mark are 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 own name.

NAME.

HOLBROOKS LIMITED, of 203 Ashted Row, Birmingham, England, Sauce and Pickle Manufacturers.

No. of class : 42.

Description of goods : Sauces.

No. of application : 5771.
Date : 9th February, 1906.

TRADE MARK.

The words

BAHIA COCOA.

The applicants claim that the said trade mark has been in use by them in respect of the article mentioned from before the 1st January, 1890.

NAME.

COCOA AND CHOCOLATE COMPANY, LIMITED, of 143 York Road, London, England, and also of Amsterdam, Holland.

No. of class : 42.

Description of goods : Cocoa.

No. of application : 5774.

Date : 13th February, 1906.

TRADE MARK.

The word

NAPOLEON.

NAME.

GOLLIN AND COMPANY PROPRIETARY, LIMITED, of Wellington, in the Colony of New Zealand.

No. of class : 42.

Description of goods : Tinned and preserved fish of all kinds, tinned and preserved fruits and vegetables of all kinds, salt, preserved meats, cocoanut, cornflour, pickles, sauces, vinegar.

No. of application : 5777.

Date : 14th February, 1906.

TRADE MARK.

The words

BLUE STAR.

NAME.

AMBROSE BROWN, of 70 Cumberland Street, Dunedin, in the Colony of New Zealand, Tea-merchant.

No. of class : 42.

Description of goods : Tea.

No. of application : 5778.

Date : 14th February, 1906.

TRADE MARK.

The words

RED STAR.

NAME.

AMBROSE BROWN, of 70 Cumberland Street, Dunedin, in the Colony of New Zealand, Tea-merchant.

No. of class : 42.

Description of goods : Tea.

No. of application : 5779.

Date : 15th February, 1906.

TRADE MARK.



The essential particulars of the trade mark are the words "Rex Flintkote" enclosed in a fanciful scroll design, and a picture of a boy seated on a roll of paper and holding a roll of paper in his arms, above which are the words "Look for the Boy," the whole surrounded by an octagonal border; and any right to the exclusive use of the added matter is disclaimed.

NAME.

J. A. AND W. BIRD AND Co., a firm having its principal place of business at No. 34 India Street, Boston, in the County of Suffolk, State of Massachusetts, United States of America.

No. of class : 50.

Description of goods : Roofing material.

No. of application : 5780.

Date : 15th February, 1906.

TRADE MARK.



The essential particulars of the trade mark are the word "Ibex" and a picture of the head and horns of an ibex, the whole enclosed by an equilateral triangle; and any right to the exclusive use of the added matter is disclaimed.

NAME.

J. A. AND W. BIRD AND Co., a firm having its principal place of business at No. 34 India Street, Boston, in the County of Suffolk, State of Massachusetts, United States of America.

No. of class : 50.

Description of goods : Roofing material.

No. of application : 5781.
Date : 15th February, 1906.



NAME.

TOM HARTLEY ROBERTS, trading as "The Revolving Heel Company," and also as "The 'Wood-Milne' Revolving Heel Company," of Kay Street Mills, Preston, Lancashire, England, Manufacturer.

No. of class : 40.

Description of goods : Indiarubber heels, and indiarubber tips and pads for the soles and heels of boots and shoes, all being soles separately—that is to say, independently of boots and shoes.

No. of application : 5782.
Date : 15th February, 1906.

The word

TRADE MARK

AURORA

NAME.

WILLIAM LOVEGROVE, of 12, Saint Mary Axe, London, England, Merchant.

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

No. of application : 5783.
Date : 15th February, 1906.

The word

TRADE MARK.

WOODMILNETTS

NAME.

TOM HARTLEY ROBERTS, trading as "The Revolving Heel Company," and also as "The 'Wood-Milne' Revolving Heel Company," of Kay Street Mills, Preston, Lancashire, England, Manufacturer.

No. of class : 40.

Description of goods : Indiarubber heels, and indiarubber tips and pads for the soles and heels of boots and shoes, all being soles separately—that is to say, independently of boots and shoes.

No. of application : 5784.
Date : 15th February, 1906.

The words

TRADE MARK.

**C. B.
CORSETS.**

The applicant claims that the said trade mark has been in use by him in respect of the articles mentioned for about three years before the 18th August, 1875.

NAME.

CHARLES BAYER, trading as "Charles Bayer and Co.," of 31 London Wall, London, E.C., England, Manufacturer.

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

No. of application : 5785.
Date : 16th February, 1906.

The word

TRADE MARK.

ROSOLIA.

NAME.

FRANK WILKINSON, of Main South Road, Caversham, Dunedin, in the Colony of New Zealand, Chemist and Druggist.

No. of class : 3.
Description of goods : Chemical preparations for internal and external use.

No. of application : 5787.
Date : 19th February, 1906.

TRADE MARK.



The essential particular of this trade mark is the distinctive label; and applicants disclaim any right to the exclusive use of the added matter, except their name.

NAME.

AMERICAN SILVERSHINE COMPANY, of Hamilton, Waikato, in the Colony of New Zealand, Manufacturers.

No. of class : 50.
Description of goods : Plate-powder.

No. of application : 5789.
Date : 19th February, 1906.

TRADE MARK.

The words

QUEEN'S HEAD.

NAME.

JOHN LYSAGHT, LIMITED, of St. Vincent's Iron Works,
Bristol, in England, Ironmasters and Galvanisers.

No. of class : 5.

Description of goods : Galvanised iron and wire, fencing-
wire, sheet iron, plate iron, bar iron, and boiler-plates.

J. C. LEWIS,
Deputy Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 8th to the 21st
February, 1906, inclusive :—

- No. 4415; 5131.—J. B. Clarkson; Class 22. (*Gazette* No. 11, of the 9th February, 1905.)
No. 4416; 5645.—A. S. Paterson and Co.; Class 42. (*Gazette* No. 106, of the 1st December, 1905.)
No. 4417; 5610.—The California Fruit-canners' Association; Class 42. (*Gazette* No. 106, of the 1st December, 1905.)
No. 4418; 5638.—The British Columbia Packers' Association; Class 42. (*Gazette* No. 106, of the 1st December, 1905.)
No. 4419; 5639.—The British Columbia Packers' Association; Class 42. (*Gazette* No. 106, of the 1st December, 1905.)
No. 4420; 5640.—The British Columbia Packers' Association; Class 42. (*Gazette* No. 106, of the 1st December, 1905.)
No. 4421; 5641.—The British Columbia Packers' Association; Class 42. (*Gazette* No. 106, of the 1st December, 1905.)
No. 4422; 5648.—J. Woodrow and Sons, Limited; Class 38. (*Gazette* No. 106, of the 1st December, 1905.)
No. 4423; 5278.—W. Dimock and Co., Limited; Class 42. (*Gazette* No. 85, of the 21st September, 1905.)
No. 4424; 5301.—Rountree and Co., Limited; Class 42. (*Gazette* No. 88, of the 5th October, 1905.)
No. 4425; 5399.—Sir Titus Salt (Baronet), Sons, and Co., Limited; Class 34. (*Gazette* No. 96, of the 2nd November, 1905.)
No. 4426; 5400.—Sir Titus Salt (Baronet), Sons, and Co., Limited; Class 38. (*Gazette* No. 96, of the 2nd November, 1905.)
No. 4427; 5431.—Fussell and Co., Limited; Class 42. (*Gazette* No. 85, of the 21st September, 1905.)
No. 4428; 5493.—Simmons Hardware Company; Class 12. (*Gazette* No. 91, of the 19th October, 1905.)
No. 4429; 5513.—W. Plowman and Son; Class 42. (*Gazette* No. 85, of the 21st September, 1905.)
No. 4430; 5535.—Chipman, Limited; Class 42. (*Gazette* No. 96, of the 2nd November, 1905.)
No. 4431; 5592.—Stevenson and Howell, Limited; Class 42. (*Gazette* No. 96, of the 2nd November, 1905.)
No. 4432; 5593.—Stevenson and Howell, Limited; Class 43. (*Gazette* No. 96, of the 2nd November, 1905.)
No. 4433; 5608.—M. McElwain; Class 3. (*Gazette* No. 96, of the 2nd November, 1905.)

- No. 4434; 5078.—W. B. Giesen and W. A. Izard; Class 42. (*Gazette* No. 3, of the 12th January, 1905.)
No. 4435; 5657.—J. A. Boyd; Class 50. (*Gazette* No. 110, of the 14th December, 1905.)
No. 4436; 5659.—D. Glasgow; Class 3. (*Gazette* No. 110, of the 14th December, 1905.)
No. 4437; 5681.—L. W. Loveday; Class 50. (*Gazette* No. 110, of the 14th December, 1905.)

Trade Marks Renewal Fees paid.

FEES paid for the renewal of the undermentioned trade marks :—

For fourteen years from the dates first mentioned.

- No. 410/428.—19th February, 1906.—J. S. Smith Druce and Co., Limited, of London, England. 14th February, 1906.
No. 434/334.—23rd March, 1906.—Washburn and Moen Manufacturing Company, of Worcester, U.S.A. 14th February, 1906.
No. 456/331.—25th April, 1906.—Neill and Co., Limited, of Dunedin, N.Z. 8th February, 1906.
No. 519/422.—27th June, 1906.—British-American Tobacco Company, Limited, of London, England. 15th February, 1906.

Trade Marks removed from the Register.

TRADE Marks removed from the Register, owing to the non-payment of the renewal fees, from the 8th to the 21st February, 1906, inclusive :—

- No. 362/301.—16th November, 1891.—R. A. Lister and Co., of Dursley, England. Class 47.
No. 363/273.—16th November, 1891.—A. Briscoe and Co., of Dunedin, N.Z. Class 13.
Nos. 366/292 and 367/293.—The Whitecross Company, Limited, of Warrington, England. Classes 5 and 13.

Cancellation of Part of Entry of Trade Mark on the Register.

IN pursuance of order of Supreme Court, the entry on the Register in respect of Trade Mark No. 3982/3119 (advertised in Supplement to *New Zealand Gazette* No. 99, of the 27th November 1902) has been altered by the omission of the word "Preservaline" from the Mark.

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.

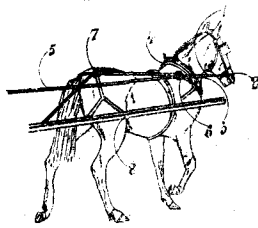
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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*.]



19138
Higgle. Driving-reins.

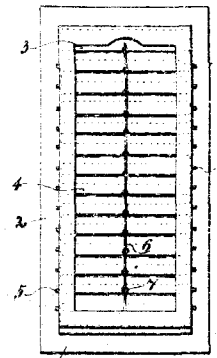


FIG 2.

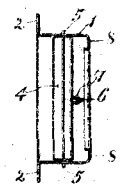
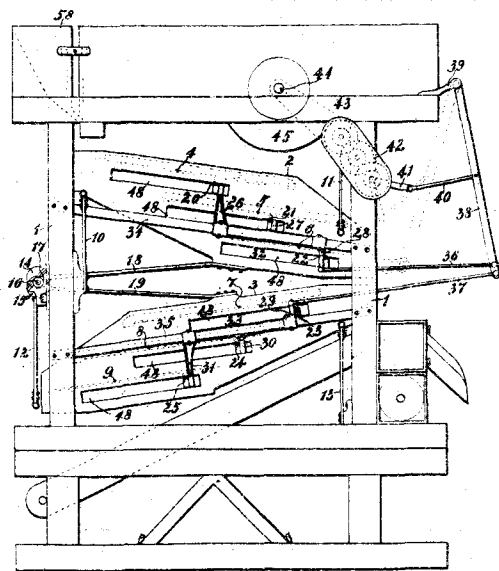
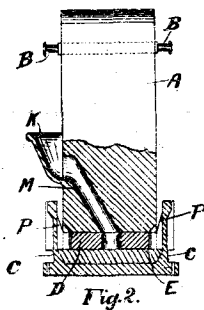


FIG 4.

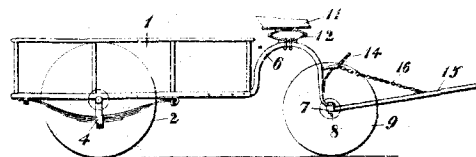


19229
Andrews and Beaven. Seed and Grain Cleaner.

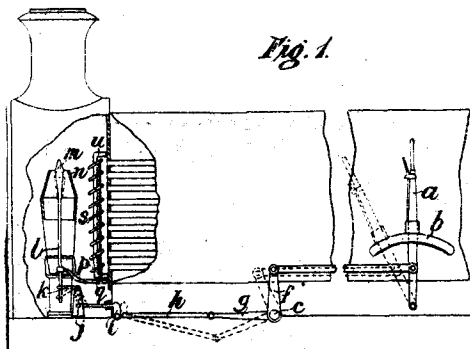
19255
Percival. Louvre Window.



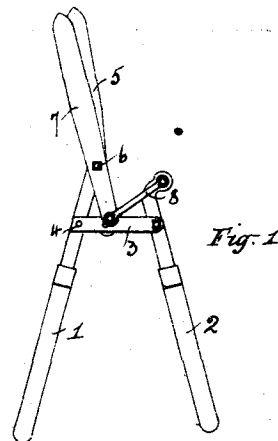
19486
Baird. Ore-crusher.



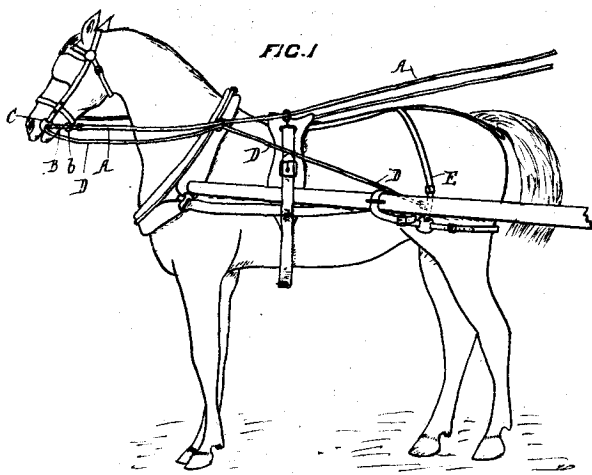
19313
Bagby. Wagon, &c.



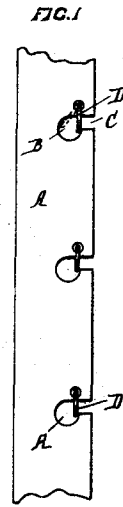
20553
Whitelegg. Blast-pipe.



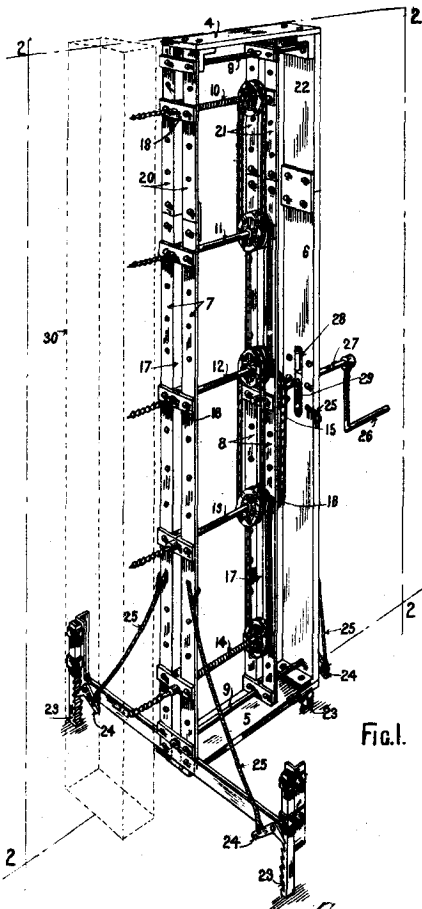
19355
Jobanson. Hedge-clipper.



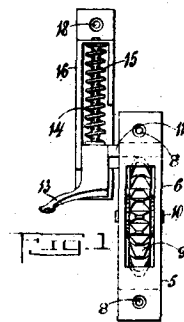
19366
Barracough. Harness.



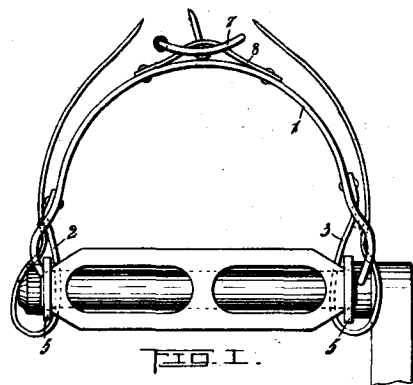
19584
Allan. Fencing-standard.



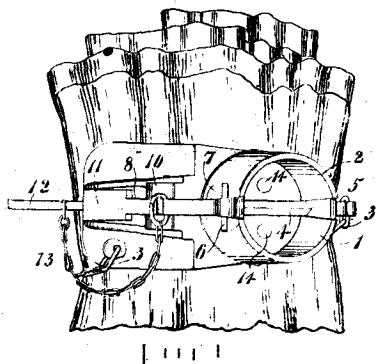
19449
Browne. Wood-drill.



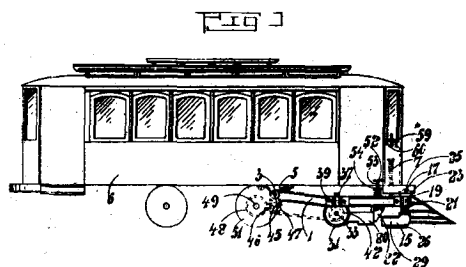
19501
Curwood, Harrison, and Cameron. Sash Hanger and Lock.



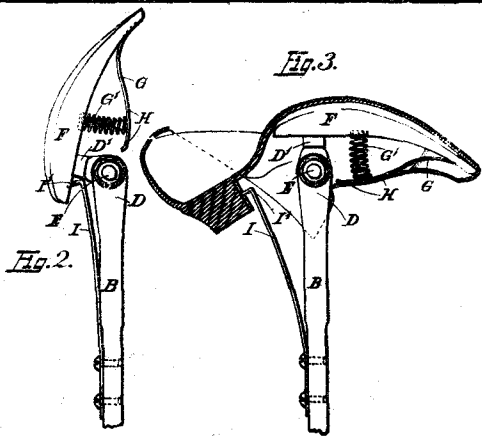
19689
Weston. Cycle-pedal Strap.



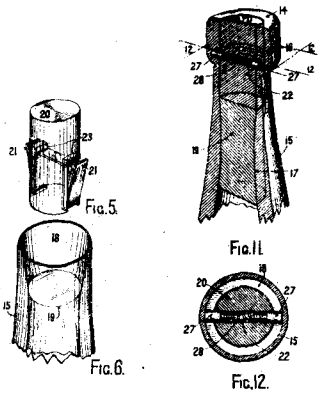
19518
Paladini. Mail-bag Fastener.



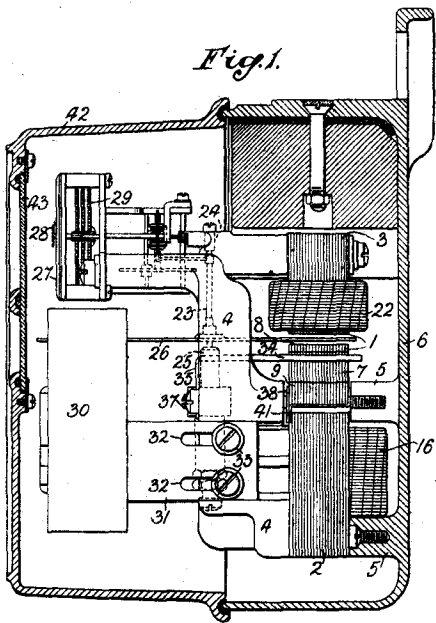
19831
Quartier. Tram-rail Clearer.



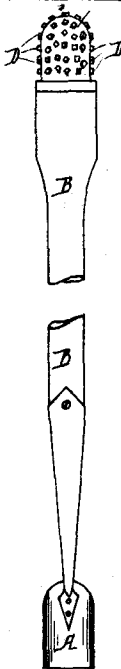
19851
Bell. Boot-repairing Jack.



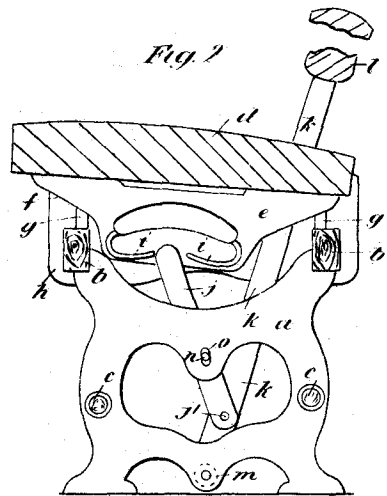
20148
The Universal Patent Bottle Company (Limited). Bottle.
(Houseman and Weichert.)



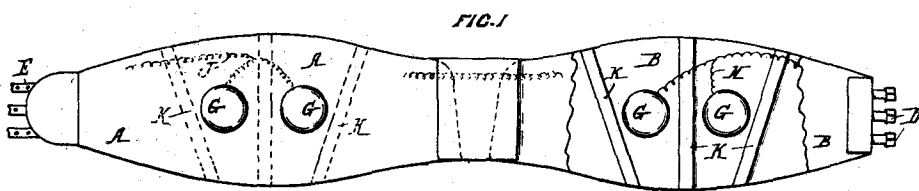
20582
Hughes. Electric Motor. (Bradshaw.)



19374
Sewell. Weed-extirminator.



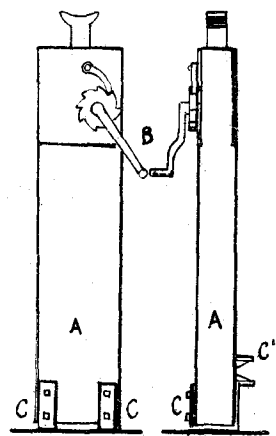
20516
Laycock. Railway-carriage Seat.



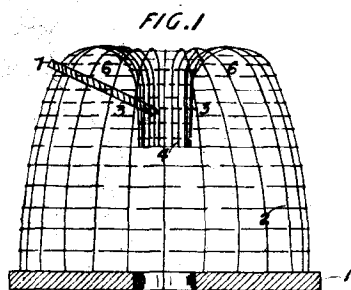
20089
Burlton-Bennet and Shadgett. Electric Belt.



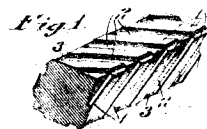
20599
Bryers. Fire-escape.



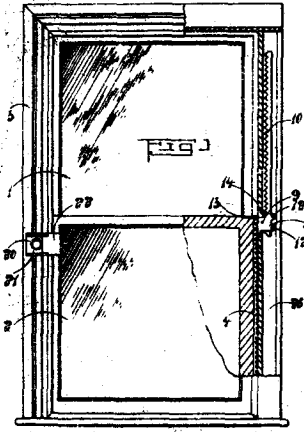
20565
Bradfield, junr. Lifting-jack.



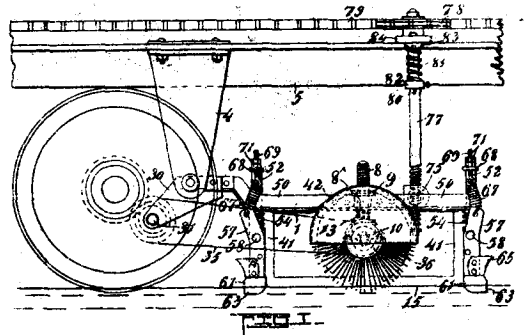
20613
Steele. Crayfish-trap.



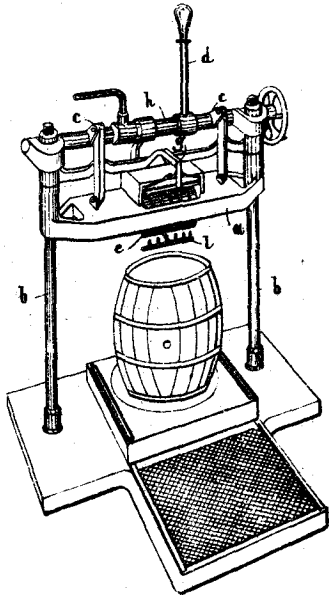
20590
Johnson. Corrugated Bar.



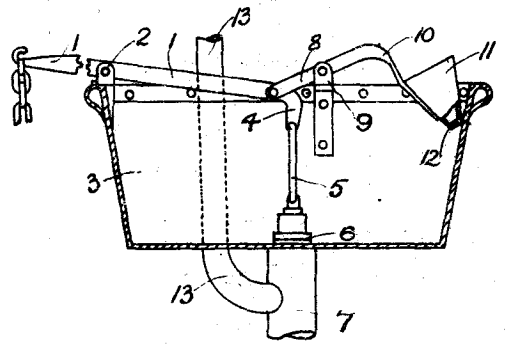
20543
Curwood, Harrison, and Cameron. Sash Balance and Fastener.



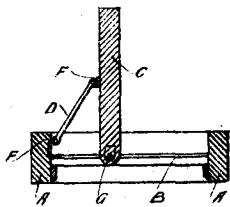
20581
Quertier. Rail-cleaner.



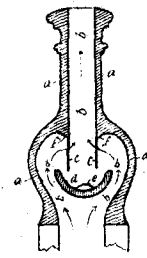
20589
Ingle and Green. Cask-branding Machine.



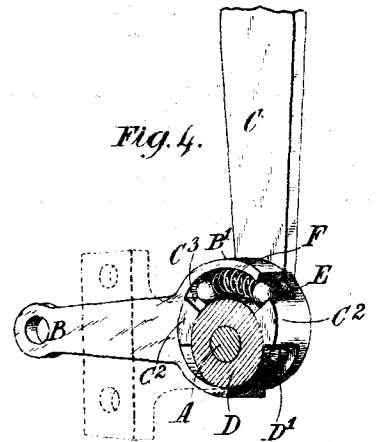
20622
Taylor. Flushing-cistern.



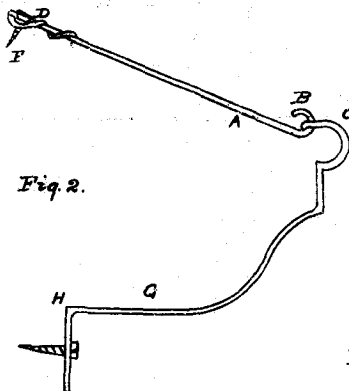
20620
Marks. Window-hanging Device.



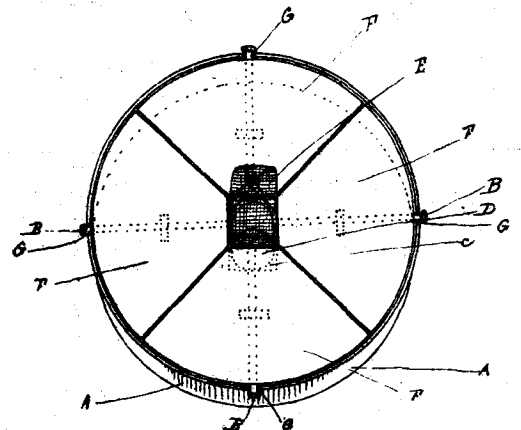
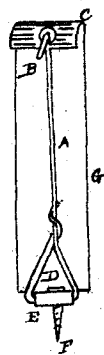
20621
Marks. Chimney-top and Ventilator.



20594
Hamilton and Stroud. Locking-device.



18704
Wilkinson. Spouting-bracket.



20031
Scarr. Vermin-trap.