

SUPPLEMENT
TO THE
NEW ZEALAND GAZETTE

OF
THURSDAY, JULY 26, 1906.

Published by Authority.

WELLINGTON, THURSDAY, JULY 26, 1906.

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Official Notices.

THE following publications relating to Patents for inventions, &c., are open to inspection in the colony:—

WELLINGTON.—PATENT OFFICE LIBRARY.
United Kingdom.

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 19th April, 1906.

Classified abridgments of inventions from 1855 to 1904.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to June, 1906.
Index of Applicants.
Subject-matter Index.
Commissioner of Patent Journal, &c. (*)
Trade Marks Journal to May, 1906.

Canada.

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

Australia.

The Official Journal of Patents of the Australian Commonwealth (containing lists of applications for letters patent, abridgments of complete specifications accepted, &c.).
The Gazettes of the various States (containing lists of applications for registration of trade marks, &c.).
Specifications, drawings, abridgments, and indexes of Victoria, New South Wales, Queensland, and South Australia (b).

United States.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to May, 1906.

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

General.

La Propriété Industrielle (the official organ of the International Bureau of the Union for the Protection of Industrial Property).
Patent laws of the world.
Patent and Trade Mark Review.
Text-books and handbooks on patents and trade marks.

AUCKLAND.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1900.
Illustrated Official Journal from 1897 to date.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) from 1897 to date.

Australia.

The Official Journal of Patents from 1905 to date.

United States.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) from 1885 to 1887 and 1890 to 1895.

CHRISTCHURCH.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1900.
Illustrated Official Journal from October, 1905, to date.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.), from 1897 to date.

Australia.

The Official Journal of Patents from 1905 to date.

DUNEDIN.—TOWN HALL.

United Kingdom.

Classified abridgments of inventions from 1855 to 1900.
Illustrated Official Journal from October, 1905, to date.

BOOKS AND DOCUMENTS OPEN TO INSPECTION.

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

Patents.

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

1. The files relating to all applications for letters patent in respect of which complete specifications have been accepted.
2. Classified copies of specifications and drawings, with index and key^(a).
3. Register of Application for Letters Patent.
4. Register of Patents.
5. Register of Subsequent Proprietors of Letters Patent^(d).
6. Index of Patentees^(e).
7. Index of Proprietors of Letters Patent granted prior to 1890^(f).
8. Index of Specifications^(g).

Designs.

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4. Index of Applicants for Registration of Trade Marks^(h).
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⁽ⁱ⁾.
- Pamphlet containing Act and Regulations (price 1s.).

OFFICIAL PUBLICATIONS.

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

Printed specifications to the end of the year 1879.

Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1888 inclusive.

Annual reports of the Registrar, containing alphabetical lists of applicants for letters patent and of inventions patented from 1889 to 1904 inclusive.

The Patents Supplement to *Gazette* (containing notifications, applications for letters patent, abridged descriptions and drawings of inventions, &c.), published fortnightly.

LOCAL PATENT OFFICES.

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

PATENT AGENTS.

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

- (a) Discontinued.
- (b) In arrears. Not now being printed.
- (c) Key is in card index.
- (d) This Register contains only names of subsequent proprietors of letters patent granted prior to 1st January, 1890; since that date they appear in Register of Patents.
- (e) Includes all names of applicants, &c., and consists of four volumes to 4th November, 1903, and card index since that date. A separate card index is kept for current quarter.
- (f) The names of proprietors of subsequent letters patent appear in the Index of Patentees.
- (g) Contains classified abridgments of specifications from 1861, with extracts from drawings from July, 1904.
- (h) Names of applicants for registration and proprietors of trade marks are indexed at the beginning of the Registers up to 31st December, 1889; in separate volume up to 5th September, 1904; and since the latter date are in card index.
- (i) May also be obtained at any local Patent Office or money-order office.

Applications for Letters Patent filed.

LIST of applications for Letters Patent filed. (Where a complete specification accompanies an application an asterisk is affixed; 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. 21432.—12th July, J. A. Paterson, Wellington, N.Z.
Making incandescent-oil gas.
- No. 21433.—9th July.—E. A. Cameron, Invercargill, N.Z.
Bottle-stopper.
- No. 21434.—12th July.—P. E. Barker, Yass, N.S.W.
Seed-planting tool.
- No. 21435.—9th July.—F. A. Hill, Paparoa, N.Z.
Rifle-sight.
- No. 21436.—13th July.—P. McKay and J. and D. Gray,
Day Dawn, W.A.
Telescopic buffer for vehicles.*
- No. 21437.—10th July.—G. H. B. Lockett, Gisborne, N.Z.
Testing heat or moisture in bales.
- No. 21438.—14th July.—R. F. Flood, Dargaville, N.Z.
Water-filter.
- No. 21439.—14th July.—J. Whyte, Christchurch, N.Z.
Tie-frame.
- No. 21440.—14th July.—E. J. Kee, Christchurch, N.Z.
Twitch-weeding implement.
- No. 21441.—14th July.—G. H. Tiller, Christchurch, N.Z.
Retaining carpets in a roll.*
- No. 21442.—11th July.—J. Bary and T. Branton, Renwicktown, N.Z.
Flax-tailer.*
- No. 21443.—11th July.—J. J. Anderson, Surry Hills, N.S.W.
Treating kapok and flock.*
- No. 21444.—11th July.—A. McLeod, Dunedin, N.Z.
Diving-dress.
- No. 21445.—12th July.—J. J. Bryers, Rawene, N.Z.
Fireplace.*
- No. 21446.—16th July.—W. Whyte, Wellington, N.Z.
Tramrail-cleaner.
- No. 21447.—16th July.—E. G. Hill, Blenheim, N.Z.
Preventing railway-lines from spreading.

- No. 21448.—16th July.—T. Warsop, Nottingham, Eng.
Rock-drill.*
- No. 21449.—16th July.—L. B. Baron, London, Eng.
Cigarette-making machine.*
- No. 21450.—16th July.—C. E. Adamson, Muncie, U.S.A.
Copying-press.*
- No. 21451.—16th July.—J. R. Hatmaker, Paris, France.
Drying milk, &c.
- No. 21452.—16th July.—J. W. Cooke, Napier, N.Z.
Door-holder.
- No. 21453.—16th July.—Bryant and May, Limited, London,
Eng.
Filling boxes with matches.* (*J. P. and
C. F. Wright.*)
- No. 21454.—14th July.—T. S. Mullan, Bluff, N.Z.
Baled wool and flax tester.
- No. 21455.—17th July.—J. A. Merrett, Palmerston North,
N.Z.
Treating flax.
- No. 21456.—17th July.—J. A. Merrett, Palmerston North,
N.Z.
Handling flax-fibres.
- No. 21457.—17th July.—T. H. Walther, Wellington, N.Z.
Game.
- No. 21458.—17th July.—J. A. Grofski, Christchurch, N.Z.
Oil-can.*
- No. 21459.—17th July.—J. Hennessy and J. F. Mills,
Dunedin, N.Z.
Fire-bars.
- No. 21460.—17th July.—D. L. Turner, Wellington, N.Z.
Bleaching and drying flax.
- No. 21461.—14th July.—O. de Santa Cruz, Quito, Ecuador.
Preservation and transport of food.*
- No. 21462.—14th July.—A. W. H. Vivian, London, Eng.
Artificial fuel.
- No. 21463.—14th July.—R. Wales, Dunedin, N.Z.
Cramp and mitre-box.
- No. 21464.—14th July.—R. Wales, Dunedin, N.Z.
Cramp and mitre-box.
- No. 21465.—14th July.—J. P. Wallace, Windsor, Vic.
Boot or shoe heel.
- No. 21466.—14th July.—A. Ashcroft and C. Strachan,
Auckland, N.Z.
Pneumatic centre attachment to wheel-hub.
- No. 21467.—18th July.—J. Grant, Cobram, Vic.
Disc cultivator.*
- No. 21468.—18th July.—W. H. K. Turner, Nelson, N.Z.,
and A. E. A. Fear, French Pass, N.Z.
Trapping birds.
- No. 21469.—18th July.—A. G. Nesfield and H. Brookes,
South Yarra, Vic.
Superheater for boiler.
- No. 21470.—16th July.—D. M. B. H. Cochrane (Earl of
Dundonald), London, Eng.
Tea and coffee pot.*
- No. 21471.—16th July.—J. H. Noonan, Auckland, N.Z.
Explosion motor.
- No. 21472.—16th July.—H. Wriedt, Melbourne, Vic.
Dough-moulding machine.
- No. 21473.—17th July.—E. Walker, Christchurch, N.Z.
Fencing-post.
- No. 21474.—19th July.—T. J. Whelan, Hawthorn, Vic.
Rabbit-trap. (*H. Lane.*)
- No. 21475.—19th July.—H. T. Jones and R. H. Mundell,
Melbourne, Vic.
Pump blower or compressor.* (*J. P. Lude-
man.*)
- No. 21476.—19th July.—R. W. Pearse, Temuka, N.Z.
Flying-machine.
- No. 21477.—19th July.—T. P. Quinn and J. E. T. McEwen,
Stanmore, N.Z.
Sash-fastener.*
- No. 21478.—19th July.—A. Williamson, Longreach, Q.
Fencing-standard.*
- No. 21479.—19th July.—C. E. Smith, Kaiwaka, N.Z.
Locking bar pipes.
- No. 21480.—19th July.—H. Lundqvist, Lake Brunner
Siding, N.Z.
Grab for handling nails.
- No. 21481.—16th July.—P. H. M. Macintosh, Greymouth,
N.Z., and L. Hill, Rapahoe, N.Z.
Miner's lamp.*
- No. 21482.—17th July.—E. Dane, Remuera, N.Z., and D.
Whitburn, Auckland, N.Z.
Mitre-gauge, &c.
- No. 21483.—20th July.—R. Hannal and Co., Limited,
Wellington, N.Z.
Boot-upper.* (*H. J. Pallett and H. Cham-
bers.*)

- No. 21484.—18th July.—A. R. Hardy, Dunedin, N.Z.
Sash mover and lock.
- No. 21485.—21st July.—C. K. Turner, Nelson, N.Z.
Plough.
- No. 21486.—21st July.—C. K. Turner, Nelson, N.Z.
Bicycle.
- No. 21487.—18th July.—F. T. F. Evans, Auckland, N.Z.
Swingletree.
- No. 21488.—19th July.—R. O. Clark, Hobsonville, N.Z.
Drain-inlet.
- No. 21489.—19th July.—R. O. Clark, Hobsonville, N.Z.
Draught accessory to grate.
- No. 21490.—19th July.—R. O. Clark, Hobsonville, N.Z.
Flanging-machine.
- No. 21491.—19th July.—R. O. Clark, Hobsonville, N.Z.
Straightening earthenware pipes.
- No. 21492.—19th July.—R. O. Clark, Hobsonville, N.Z.
Earthenware kiln.
- No. 21493.—21st July.—H. G. Bedell and H. Nahr, West-
port, N.Z.
Sanitary liquor supplier.
- No. 21494.—23rd July.—D. Brigham, Auckland, N.Z.
Obtaining gold from the sea-bed.
- No. 21495.—23rd July.—C. Sanderson, Wellington, N.Z.
Rope-carrier for electric car.
- No. 21496.—23rd July.—C. K. Turner, Nelson, N.Z.
Swingletree-coupling.
- No. 21497.—23rd July.—E. R. Godward, Invercargill, N.Z.
Spirit-level.
- No. 21498.—23rd July.—J. Bates, Auckland, N.Z.
Hot-water cistern.*
- No. 21499.—20th July.—A. C. Hill, of Eilerslie, N.Z.
Tap.
- No. 21500.—24th July.—A. Y. Ross, of Matata, N.Z.
Logging-jack.
- No. 21501.—24th July.—P. Pickering, of Wellington, N.Z.
Scaffold-bracket.
- No. 21502.—24th July.—R. G. A. Macdonald, of Dunedin,
N.Z.
Typewriter and printing type.*

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 25th July, 1906.

COMPLETE specifications relating to the undermen-
tioned 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. 19755.—19th July, 1905.—WALTER JAMES JEFFERIS,
of Waerenga, New Zealand, Farmer. Improvements in milk-
ing-appliances.*

Brief Description.—A cylinder is provided, one end of
which is connected by a pipe to the compressed-air tank,
while the other end is similarly connected to the vacuum-
tank. This latter end of the cylinder is also connected by a
pipe to the milk-receptacle so that such receptacle is in per-
manent connection with the vacuum-tank. The teat-cup is
in connection in the ordinary way with the milk-receptacle.
The space enclosed by its lining is connected by means of a
pipe with the cylinder near the end that is connected to the
compressed-air tank. Connection with such space and the
air-tank is thus obtained. An orifice is formed in the wall
of the cylinder at a point opposite the exit of the pipe leading
to the teat-cup lining. Within the cylinder fits a plunger
provided with a piston-rod passing out one end thereof and
reciprocated so as to work the plunger back and forth within
the cylinder by any suitable means. This plunger about
midway in its length is formed with a groove cut round its
peripheral face.

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

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

No. 19844.—7th August, 1905.—GEORGE EDWARD WHITE,
of Auckland, New Zealand, Inventor. An improved corset.*

Claims.—(1.) In corsets, ribs formed in two portions hinged
together end to end at the waist-line, a spring plate extending
longitudinally over the adjacent ends of each rib, and a loop

upon each rib portion beneath which the respective end of the spring plate passes, substantially as and for the purposes specified. (2.) In corsets, ribs constructed, arranged, and operating in the manner described, and as illustrated in the drawings.

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

No. 19852.—8th August, 1905.—EDWARD JOSEPH RIGBY, of 18 Mercer Road, Malvern, Victoria, Australia, Engineer. Improvements in pneumatic hammer rock-drills.*

Extracts from Specification.—The object of the invention is to provide a simple and ready means for introducing water into the hole being drilled. . . . This object is achieved by introducing the water through the engine-cylinder and drill-chuck or collet into the axial hole of the drilling-bit, and forming suitable packings to prevent the water escaping back into the cylinder or forwardly out of the machine, said packings being disposed between the engine-cylinder and drill-chuck, or otherwise as may be found necessary according to the construction of machine employed.

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

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

No. 19978.—1st September, 1905.—WILLIAM DAVIDSON, of Paparoa, Kaipara, New Zealand, Bootmaker. An improved brake for carts and drays.*

Claim.—In means for braking vehicles, the combination with an ordinary brake-shoe operated by a lever of a gear-wheel journaled on the side of the vehicle and provided with a flange or peripheral face with which the brake-shoe engages, and a toothed collar or ring secured around the inner end of the hub of the vehicle-wheel, and the teeth of which are arranged in engagement with those of the gear-wheel, substantially as specified.

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

No. 20040.—9th September, 1905.—JAMES MACALISTER, of Dee Street, Invercargill, New Zealand, Engineer. An improved manure or fertiliser feed.*

Extract from Specification.—The invention consists broadly in the employment of an endless chain that is caused to travel along the bottom of the manure box or hopper, and to carry the manure along within its links over openings leading into the conveyor-shoots, through which openings such manure will then fall. This chain may be caused to travel along through a number of divisions in such hopper, in each of which divisions a different kind of manure is placed. The special novel features of the invention relate to the manner of arranging the endless chain for the purpose mentioned, and to the various details of construction and operation that will be referred to.

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

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

No. 20044.—16th September, 1905.—CHARLES CRAIG, of Marton, New Zealand, Surfacerman. Improved sighting-apparatus particularly applicable for use in lifting rails.*

Claims.—(1.) A sighting-apparatus comprising two frames, each having a guiding-pillar against which the sighting-board slides, and a lever adapted to impinge on the sighting-board so as to jam it against said guiding-pillar, substantially as described. (2.) In a sighting-apparatus, a frame having a guiding-pillar and a lever adapted to impinge on a board placed against said pillar, substantially as and for the purposes set forth. (3.) The general construction, arrangement, and combination of parts composing the improved sighting-apparatus for use in lifting rails, substantially as described.

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

No. 20045.—13th September, 1905.—ANNIE MCCOLE, of Onehunga, Auckland, New Zealand, Widow. An improved sock or stocking.

Claims.—(1.) The arrangement, construction, and shape of a sock or stocking for the purposes set forth, substantially as described, and as illustrated by the drawings. (2.) In the weaving or knitting of a sock or stocking, the adding or drop-

ping or knitting-in of stitches on the instep, bridge, and outside of the foot for the purposes set forth, substantially as described, and as illustrated by the drawings.

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

No. 20046.—18th September, 1905.—HERBERT JOHN MALLABAR, of 59 Deane Road, Liverpool, Lancaster, England, Photographic Chemist. Improvements in printing and developing photographs on silver-chloride paper.*

Claims.—(1.) The process of printing on silver-chloride paper, which consists in printing to about one-third the depth required for ordinary gold process, immersing the paper in a mixture of a reducing agent as described, a bichromate-sulphocyanide of potassium and citric acid, or their equivalents, as described, and water and then fixing. (2.) The addition to a developing-solution of a chemical that shall instantly seize on the nascent silver and reduce it to an insoluble non-adhesive crystalline salt, substantially as described. (3.) The application of a cyanide salt; or its equivalent, substantially as described in developing photographs made on silver-chloride paper. (4.) The tablets for photographic development purposes, substantially as described.

(Specification, 5s.)

No. 20061.—20th September, 1905.—HORACE STEBBING, of Auckland, New Zealand, Accountant. Improved post and letter cards.*

Claim.—In post and letter cards, the combination therewith of a thin sheet or veneer of wood that is secured upon and covers one of the faces thereof, substantially as and for the purposes specified.

(Specification, 1s.)

No. 20101.—27th September, 1905.—THOMAS HENRY PALMER, of 31 Russell Terrace, Newtown, Wellington, New Zealand, Motorman. An improved adjustable keel for boats.*

Claims.—(1.) An improved adjustable keel for boats consisting of the parts arranged, combined, and operating substantially as specified, and as illustrated in the drawing. (2.) An adjustable keel for boats pivotally supported at its rear end and provided at its forward end with means whereby said forward end may be turned to the right or the left as required, substantially as specified, and as illustrated in the drawing.

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

No. 20126.—4th October, 1905.—ROBERT PERRY, of 21 Owen Street, Wellington South, New Zealand, Joiner. An improved method of fastening sash-cord pulleys to window-frames.*

[NOTE.—The title in this case has been altered from that set out in the provisional specification.]

Claims.—(1.) The improved method of fastening sash-cord pulleys to window-frames, the same consisting in forming the ends and edges of the front plate of such pulleys with a series of curves representing arcs of circles of equal diameter, and the centres of which are at equal distances apart throughout the length of the plate, and fitting such faces within correspondingly shaped beds formed in the surfaces of the window-frames, substantially as specified. (2.) The improved method of fastening sash-cord pulleys to window-frames, substantially as described and explained, and as illustrated in the drawings.

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

No. 20139.—5th October, 1905.—UNITED SHOE MACHINERY COMPANY, of Paterson, State of New Jersey, United States of America, a corporation duly organized under the laws of the State of New Jersey, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of John Francis Davey, of Beverly, Massachusetts aforesaid, Inventor). Improvements in or relating to machines for inserting fasteners in boots or shoes.*

Claims.—(1.) In a machine for inserting fasteners, the employment of one or more vertically arranged oscillating cutter jaws pivoted within a straight horn, and having the cutting edge or edges thereof offset with relation to said pivot in order

that the awl may move in an unobstructed path. (2.) In a machine for inserting fasteners wherein a vertically arranged trimming-device is mounted within a straight horn, the employment of a supporting member for said device which projects toward but not into the path of the awl. (3.) In a machine for inserting fasteners wherein a gauge mounted on a horn rises and falls therewith, the employment of a device for moving the gauge into and out of engagement with the work on the horn during its vertical movement. (4.) In a machine for inserting fasteners wherein a gauge normally out of engagement with the work on a horn rises and falls with the horn, the employment of a stationary cam-plate for causing the gauge to move laterally into engagement with the work as the horn is moved into operative position. (5.) In a machine for inserting fasteners wherein a gauge mounted on a horn rises and falls therewith, the employment of a device for imparting to the gauge a range of movement with relation to the work on the horn throughout the stroke, as described. (6.) In a machine for inserting fasteners wherein a horn moves the work thereon into and out of contact with a nose-plate, the employment of a gauge which rises and falls with the horn and is simultaneously moved laterally into engagement with the work when the same is moved into contact with the nose-plate and out of engagement therewith as the movement of the horn carries it away from the nose-plate. (7.) In a machine for inserting fasteners wherein a gauge rising and falling with the horn is moved laterally by the action of a stationary cam-plate, the employment of adjusting devices to enable the situation of the cam-plate to be adjusted for either or both of the two purposes described. (8.) In a machine for inserting fasteners, the combination with the horn and a gauge that rises and falls therewith of an adjustable connection (such, for example, as *g3*, *g5*, *g6*) between the gauge and the horn to enable the height of the gauge to be adjusted in relation to that of the horn. (9.) In a machine for inserting fasteners, the combination with a horn and a gauge that rises and falls with it of parts substantially such as described with reference to the drawings for raising and lowering and otherwise operating and adjusting the gauge.

(Specification, 14s. ; drawings, 4s.)

No. 20329.—17th November, 1905.—THOMAS DUGDALE, of Kapua, Waimate, South Canterbury, New Zealand, Plumber. A combined rain-water spout-head and strainer.*

Claims.—(1.) In apparatus of the class described, an inclined perforated screen having a corrugated surface with drips substantially vertical secured beneath the screen at the depressions of the corrugations, substantially as and for the purposes set forth. (2.) The complete combined rain-water spout-head and strainer substantially as described, or illustrated in the drawings.

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

No. 20411.—2nd December, 1905.—FRANCIS WILLIAM PAYNE, of Dunedin, New Zealand, Consulting Engineer. Improvements in gold-saving appliances.

Claims.—(1.) In gold-saving screens and the like that are moved by vibrating, reciprocating, or shaking movement, the combination of cranks and connecting-rods attached to, for working said screens with cushions arranged to help stop and help reversing the motion, so relieving the machinery as far as possible of all jar, all substantially as shown on the drawing and as explained and described. (2.) In gold-saving screening-tables or the like to which reciprocating movement is given, the combination with these of spring connecting-rods or of connecting-rods applied to springs instead of to the screens direct, all substantially as set forth. (3.) In vibrating tables, the combination of such screening-tables pivoted at one end and vibrated at the other end by the means as set forth, all substantially as set forth.

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

No. 20490.—19th December, 1905.—JOHN FREDRICH LUTJOHANN, of Christchurch, New Zealand, Billiard-table Manufacturer. Improved means for raising the surface of a billiard-table.*

Extract from Specification.—My invention has for its object to raise or lower the surface of a billiard-table as required, and in carrying the invention into effect I mount spindles

in the table below the table-top. Each of these spindles is rotatable by means of a handle, and upon each end thereof is an eccentrically mounted plate or disc.

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

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

No. 20768.—19th February, 1906.—ANNI ETIENNE HALKIER, of 95 Elizabeth Street, Sydney, New South Wales, Australia, Technical Instructress. Improved charts to be used in cutting out material for making dresses and other clothing.

Extract from Specification.—Three sides of the master chart are rectangular—i.e., the top and bottom are parallel straight lines, and the edge that unites them is at right angles to both lines, thus the three straight lines enclose two right angles, and give effect to the principle of the square referred to. A scale of inches is made along the edges of the top and side straight lines, and many of the perforations are either parallel to the nearest straight line or at right angles thereto. Both sides of the master chart are marked with the inch scales, and therefore the chart is reversible and can be used on both sides. The fourth edge of the master chart is composed chiefly of curves of the conic sections, so that when points in a curve are obtained by marking with a pencil through the perforations the necessary curve may be immediately struck by running the pencil along the curved edge of the chart when such edge has been adjusted to the points in the curve. Perforations in curves are arranged in different parts of the surface of the chart, the functions of which will be more fully described ; but these curved perforations refer to the varying irregularities in the female figure, and their positions on the chart, so far as can be seen at present, have been decided empirically and from the light gained by experience. The master chart is designed for laying down the dimensions of a dress-bodice, the second chart is designed for the sleeves, collars, and skirts, and the third chart for knickerbockers, "bloomers," and skirts.

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

(Specification, 14s. ; drawings, 6s.)

No. 20840.—13th March, 1906.—ANDREW MURRAY ANDERSON, of Invercargill, New Zealand, Engineer. Improvements in or relating to the hose of Westinghouse brakes.*

Claim.—In the control-cocks of Westinghouse-brake couplings a passage leading outwards through the plug of the cock from the main passage therein and an aperture in the casing of the cock, the passages in the plug and the aperture in the casing being so disposed and arranged that when the cock is closed a continuous passage will be provided through the cock connecting the coupling length of piping to the atmosphere, substantially as specified.

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

No. 20856.—14th March, 1906.—JOHN NICHOLSON, of 63 Elizabeth Street, Paddington, near Sydney, New South Wales, Australia, temporarily residing at Melbourne, Victoria, Australia, Assayer. Improved centrifugal apparatus for separating gold and minerals from finely divided substances.*

Extract from Specification.—When the apparatus is set in motion the finely divided substance in either a dry or, by preference, a pulpy state is fed down the chute through the inlet trunnion 2 into the rotating cylinder 1, where it is thoroughly agitated by the jets of fluid from the axial pipe 17 in conjunction with the rotation of said cylinder. The pressure of the fluid in combination with the centrifugal action produces a longitudinal axial current in the cylinder, which eventually forces away the lighter particles through the outlet trunnion, whilst the particles of higher specific gravity are thrown outwards against the inner periphery of the cylinder and remain therein, which latter action is assisted by reason of the diameter of said cylinder being greater than that of the trunnion. The lighter particles or slimes are delivered into the box 16, provided with a splash-board 26, and are finally discharged through a launder 27 into a pipe, or conducted into a tank if required for further treatment. When the desired substance is completely separated the launder 27 is closed by a slide-door 28, and the rotation

of the cylinder is considerably reduced, when the fluid from the axial pipe 17 will wash the particles of higher specific gravity containing the minerals from said cylinder through the outlet trunnion 3 into the box 16, from whence it is discharged through a launder 29 provided with a slide-door 30 into a collecting-pan. The cylinder 1 may be provided with a removable portion 31 for cleaning-up purposes, which is preferably secured in position by hoop-shaped clamps 32, and the casing 6 is also provided with a door 33.

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

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

No. 20909.—27th March, 1906.—ALFRED EDWIN NICHOLLS, Salesman, and JAMES GUNNING SILLY, Traveller, both of Christchurch, New Zealand. Improvements relating to goloshes.*

Claim.—In goloshes, a wearing sheet of leather placed upon the outside face of the heel and secured in position by means of rivets or other fastenings passing through it, through the heel, and through a sheet of leather laid upon the inside face of the heel, substantially as specified.

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

No. 20990.—12th April, 1906.—MONTAGUE MOORE, of No. 314 Collins Street, Melbourne, Victoria, Australia, Mining Agent, and THOMAS JAMES HESKETT, of No. 2 Donald Street, Brunswick, Victoria aforesaid, Engineer. An improvement in the direct process of manufacturing iron and steel.*

Claims.—(1.) In the direct process of manufacturing iron and steel, keeping the slag in the gas or other reverberatory furnace in the ferrous condition—that is, in a state in which it contains a minimum of oxygen and is prevented from absorbing oxygen from the gases of the furnace, thereby preventing any oxidation of the reduced iron by contact with the slag. (2.) Keeping the slag in a gas or other reverberatory furnace in the ferrous condition by the addition thereto, or in contact therewith, of solid carbon or other suitable deoxidizing material, or an admixture of reduced iron and carbonaceous or other suitable deoxidizing material, according as to whether wrought iron or steel is to be manufactured.

(Specification, 2s. 9d.)

No. 21037.—23rd April, 1906.—HERMANN HEINRICH REISERS, of Auckland, New Zealand, General Agent. An improved portable boiler.

Claims.—(1.) In a portable boiler, a flat iron disc bed-piece with a rectangular hole cut thereout, all for the purposes set forth, substantially as described and illustrated. (2.) In a portable boiler, the combination, construction, and arrangement of an outer iron casing, a flat iron disc bed-piece, semi-circular fire-bricks to the number of thirty (30) or more having their outside side edges longer than the inside held down and in position by a circular triangular section shaped ring fitting closely to the inside of the top end of the outside casing, and a copper boiler or vessel fitting into such furnace having its flange turned down and fitting closely to the outer side of the top of the outside casing, all for the purposes set forth, substantially as described and illustrated.

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

No. 21062.—1st May, 1906.—The acceptance of this specification was advertised in the Supplement to the Gazette of the 12th July last, and Fig. 2 of the drawings is inserted in this Gazette.

No. 21138.—10th May, 1906.—JAMES CUNNINGHAM CHRISTOLM, of North-east Valley, Engineer, and ARTHUR WELLESLEY NORTON, of Smith Street, Traveller, both of Dunedin, New Zealand. A self-feeding cutting-machine for plastic material.

Claims.—(1.) In a machine for making ornamental sliced shapes, in combination, a revolving cutter, cutting off the material as it is forced out of a hole of ornamental profile into slices having the profile of said hole, all substantially as

shown on the drawing and as described and explained. (2.) In combination, in a machine for forcing plastic material through an interchangeable ornamentally shaped hole, an advancing piston worked by screw and gearing by a handle to which is attached a cutter which slices said material as it is being forced out, giving it the face profile of said cutter as well as the edge profile of the shaped hole, said material being cut or sliced to regular thicknesses, all substantially as set forth, and as illustrated in the drawing.

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

No. 21151.—16th May, 1906.—ERNEST McCLELLAND, of No. 59 Queen Street, Melbourne, Victoria, Australia, Merchant (assignee of John Cuthbert, of 104 Hanna Street, South Melbourne, Victoria aforesaid, Inventor). An improved green-pea sheller.

Claims.—(1.) The combination and arrangement of parts constituting the improved green-pea shelling-machine described, said parts being constructed, arranged, and operating substantially as and for the purposes specified, and as illustrated in the drawings. (2.) In a green-pea sheller, an endless inclined conveyor belt having transverse projections (as F) upon it, in combination with a pair of shelling-rollers (as D D1), substantially as and for the purposes specified, and as illustrated in the drawings. (3.) In a green-pea sheller, a pair of shelling-rollers formed of wood, cork, or other suitable material, covered with a coating or covering of felt, substantially as and for the purposes specified, and as illustrated in the drawings. (4.) In a green-pea sheller, a metal frame (as K) held together by removable screws or bolts, substantially as and for the purposes specified, and as illustrated in the drawings. (5.) In a green-pea sheller, a pair of shelling-rollers, one of which is adjustable to or from the other, substantially as and for the purposes specified, and as illustrated in the drawings. (6.) In a green-pea sheller, a bridge piece (as N) held in position by a screw or bolt (as M) and fitted with screws (as J) for adjusting the position of one of the shelling-rollers, substantially as and for the purposes specified, and as illustrated in the drawings.

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

No. 21174.—21st May, 1906.—JOHN BRUCE CARROLL, of 90 Illinois Street, Chicago, Illinois, United States of America, Engineer. Process of burning acetylene gas and burner therefor.

Claims.—(1.) An acetylene-gas burner consisting of a body of refractory heat-insulating material, provided with a supply-conduit, a recessed flame-chamber, preferably cylindrical, of sufficient width to admit air around and to the base of the flame, and a duct, preferably short and in axial alignment with the flame-chamber, extending from said conduit to said chamber. (2.) A duplex acetylene-gas burner, each branch of which has the construction specified in the preceding claim, the flame-chambers of the two branches being arranged in opposition. (3.) The process of burning acetylene gas and maintaining at the orifice a temperature above that which permits the accumulation of carbon and solid hydrocarbons, which consists in causing the gas to burn with the base of the flame at or near the orifice, and heating the air supplied to the base of the flame specifically by causing the air to move towards the base of the flame and sheathing the base to retain the heat.

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

No. 21205.—22nd May, 1906.—ALFRED JOSEPH CARRIGAN of Franklin Road, Auckland, New Zealand, Cabinetmaker. A quick fire-lighter.

Claim.—The fire-lighter specified consisting of four pieces of wood covered with a combustible substance such as pitch fitted together in two crosses, having three longitudinal pieces of wood fitted in the upper and side angles of the two crosses, with the lower angle left open, bound by a wire or cord wound round the said longitudinal pieces, and with saturated tow wound in and around the structure forming the lighter for the purpose set forth substantially as described and illustrated.

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

No. 21206.—22nd May, 1906.—ADOLPHUS JAMES PARK, of Onehunga, Auckland, New Zealand, Engineer. A device for shaking and cleansing tow.

Extract from Specification.—The device consists of a socket or claw formation having arms of wood or other suitable material fitted therein, which socket is turnably fitted on a pin fixed to a cross beam of wood or metal so that the arms can be oscillated from side to side and shake and cleanse tow spread over and on a wire netting or mesh fitted below the arms.

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

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

No. 21217.—25th May, 1906.—JOHN FRASER, of Glen-thompson, Victoria, Australia, Grazier, and JOHN THOMAS GOOD, of 396 Flinders Lane, Melbourne, Victoria, Australia, Importer. An improved fuse-igniter.

Claims.—(1.) A fuse-igniter consisting of a tube of paper or the like material, and containing an igniting composition in its interior, and having at its bottom a recess or open part into which a fuse may be inserted substantially as and for the purposes set forth. (2.) A fuse-igniter consisting of a tube of paper or the like material as A, and containing an igniting composition in its interior as C, and having at its bottom a recess or open part as D formed to receive a fuse as E, said tube having the ends sealed with a suitable composition as B which can be easily broken off prior to using the igniter, substantially as and for the purposes set forth. (3.) In fuse-igniters, in combination, a tube of paper or the like material as A containing a composition in its interior consisting of a mixture of three parts by bulk measurement of fine gun-powder, six parts of powdered saltpetre, four parts of saw-dust, two parts of shellac, and one part of lamp-black, said tube having a recess as D formed to receive a fuse as E, and the ends of said tube being sealed, substantially as and for the purposes set forth.

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

No. 21267.—7th June, 1906.—ERNEST ALFRED BARNES, of Stawell, Victoria, Australia, Cyanider. Improvements in wrenches.

Extract from Specification.—In the drawings A indicates the upper jaw, with stem B of any suitable length and transverse section, the jaw-edge (a) and the adjacent part (b) being of any suitable shape for handling nuts, pipes, &c., and not necessarily as shown. C indicates a set of arc-shaped sockets, usually semicircular. D is a slidable member to carry lower jaw E, which is suitably shaped, and has any suitable teeth or surface. Member D may be longer or shorter than shown. It can serve as a handle, as also can member B, or both members together. Member D is constituted by doubling over in U-shape a sheet-metal blank forming a narrow slot or internal space at (d), within which stem B is slipped or fitted. The stem is bounded on the solid side D1 of member D—the side faced by sockets C—by a lug I, which may be on a distance piece inside member D shown riveted at J. On part of the open side of member D stem B is enclosed by a distance piece F in Fig. 1, which fills space (d) near jaws E, and is shown riveted in that figure.

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

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

No. 21287.—13th June, 1906.—DAVID PRINGLE PALMER, of Wrigley Street, Masterton, Wellington, New Zealand, Upholsterer. Improvements in chairs.

Extract from Specification.—This invention relates to that class of chairs which are mounted on rockers resting on a platform and connected therewith by springs, and the invention consists of applying springs to the front and rear of the rockers, suspending the back of the chair upon spring arms, and providing means for locking the rockers and the back.

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

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

No. 21288.—13th June, 1906.—WHITCOMBE AND TOMBS, LIMITED, whose registered office is at 202 Cashel Street, Christchurch, New Zealand, Stationers (assignees of Albert Thomas Scott, of Christchurch aforesaid, Box-maker). An improved collapsible cardboard-box.

Extract from Specification.—The invention consists in providing a locking-piece, plates for retaining the locking-piece, and the arrangement of scores whereby the folding may be effectuated.

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

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

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

NOTE.—The cost of copying the specification and drawings 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.

J. C. LEWIS,
Deputy Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 24th July, 1906.

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

No. 20020.—E. H. J. Mitchell and B. F. Mellor, plough-share.

No. 20917.—J. U. Taylor, tire-inflater.

No. 21039.—D. Marshall, picture-frame clamp.

No. 21171.—L. Mote, H. Mote, and L. Mote, extension and step ladder.

No. 21178.—A. J. Edwards, trolley-pole controller.

No. 21180.—E. R. Godward, kerosene-pump siphon.

No. 21181.—E. R. Godward, kerosene tap.

No. 21182.—C. J. H. Payne, non-refillable bottle.

No. 21186.—A. Jack, generating gas from hydro-carbon oils.

No. 21187.—H. Irwin, alarm.

No. 21189.—J. J. Strain, hot-water-service attachment to gas stove or ring.

No. 21190.—I. Russell, dress-chart.

No. 21193.—B. E. Smith, constructing water-tanks.

No. 21195.—J. D. Jackson, bath-heater.

No. 21196.—R. T. Cross, fishing-reel.

No. 21199.—A. Prior, nail-driver.

No. 21200.—H. E. Rountree and C. Glasgow, music turner and holder.

No. 21208.—F. J. Farrell, fire or burglar alarm.

No. 21210.—E. S. Evelyn, non-refillable bottle.

No. 21212.—G. Robinson, hat-pin.

No. 21226.—J. Austin, toaster and griller.

No. 21227.—T. Cahill, spur.

No. 21228.—R. J. Roach, brooch-catch.

No. 21229.—E. Whitcombe, fence-dropper.

No. 21230.—A. J. J. Bolton, composition for manufacture of butter boxes, trays, &c.

No. 21231.—E. G. Mills, food for calves, &c. (F. J. Corbett.)

No. 21238.—J. and W. J. O'Hara, metal fastening.

No. 21242.—H. E. McDonald, tag and band for hemp, &c.

No. 21244.—C. Parsons, fencing-standard.

No. 21247.—A. Gardiner, revolver.

No. 21248.—J. Galt, sleeve-links.

No. 21249.—G. Westmoreland, J. F. Pettie, and E. D. Hewetson, sash balance and lock.

No. 21250.—F. H. Trevellian, levelling-instrument.

No. 21255.—W. M. Crockett, hair-pin.

No. 21257.—W. D. West, beehive-frame.

No. 21261.—C. Lucas, scaffolding-bracket hanger.

No. 21264.—H. P. Rasmussen and H. Davies, closet-seat cover.

No. 21269.—G. Dwyer and W. J. G. Pitt, claw hammer and staple-puller.

No. 21271.—W. C. Green, confectionery-making machine.

No. 21277.—R. Z. Garrett, street-sweeper.

No. 21302.—D. and F. W. Smith, golooses, gum boots, &c.

No. 21305.—J. M. O'Neil, and R. A. Marsh, trolley-wheel bearing.

No. 21311.—D. Urquhart and C. Sloper, cutting and washing sheep-paunches.

No. 21312.—D. Urquhart and C. Sloper, hydro-extractor.

No. 21316.—A. Ridd, milking-machine.

No. 21317.—A. Ridd, pneumatic teat-cup.

No. 21318.—J. Irvine, fencing-wire fastener.

No. 21327.—J. Walcott, coal-elevator.

No. 21335.—J. L. Kirkbride, street-sweeper.

No. 21336.—A. J. Edwards, trolley-pole controller.

No. 21346.—J. Cook, trolley-head.

No. 21350.—J. W. Andrew, chamber utensil.

No. 21357.—J. Sutcliffe, forced-draught apparatus for fire-engines, &c.

No. 21378.—W. A. Wilson, jumper cable-connector for connecting electric circuits.

No. 21402.—W. V. Paley, centrifugal fan.

No. 21414.—J. and W. J. O'Hara, fastening on plough, &c.

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.

List of Letters Patent sealed.

LIST of Letters Patent sealed from the 12th to the 24th July, 1906, inclusive:—

No. 19493.—G. Broderick, pneumatic tire.

No. 20658.—E. R. Godward, egg-beater.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

NO. 15070.—The British Westinghouse Electric and Manufacturing Company, Limited, electric motor. (J. T. Hunter—B. G. Lamme.) 16th July, 1906.

No. 15125.—F. M. Canda, locking-device. 11th July, 1906.

No. 15134.—British Automatic Aerators, Limited, aerating and bottling liquids. (The Automatic Aerator Patents, Limited—F. G. Hampson.) 11th July, 1906.

No. 15165.—J. P. Robertson, electrical fire-alarm. 18th July, 1906.

No. 15169.—A. G. Wass, manufacture of printers' varnish and ink. 19th July, 1906.

No. 15176.—R. Dunne, mitre-cutter. 20th July, 1906.

No. 15246.—The American Tobacco Company, sealed can. (W. I. Tuttle.) 16th July, 1906.

THIRD-TERM FEE.

No. 11944.—E. R. Godward, pin. 16th July, 1906.

Subsequent Proprietors of Letters Patent registered.

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

NOS. 10595 and 11322.—The A.E.G. English Manufacturing Company, Limited, of 121-125, Charing Cross Road, London, England, and 4 and 5 New Compton Street, London, W.C., England. Electrical incandescent lamp. [Nernst Electric Light, Limited—W. Nernst.] 16th July, 1906.

No. 15347.—William George Hobson Hedley, of St. Fagan's, Grove Road, Clapham Park, London, England. Burner. [M. L. Ross.] 16th July, 1906.

No. 18955.—John William Bailey, Gentleman, Thomas Benjamin Clay, Land Agent, and Christopher James Parr, Solicitor, all of the City of Auckland, in the Colony of New Zealand, registered as proprietors of one-third share. Pumping-appliance for gold-mining. [J. Strathern.] 19th July, 1906.

No. 20064.—Charles Grant Tindal, of England, and Charles Frederick Tindal, of Ramornie, South Grafton, in the State of New South Wales and Commonwealth of Australia, trading together as the Australian Meat Company, registered as proprietors of a half-share. Corning meat. [P. H. O'Keefe.] 21st July, 1906.

No. 20731.—John Timothy O'Sullivan, of 16 Chetwynd Street, North Melbourne, in the County of Bourke, in the State of Victoria, and Commonwealth of Australia, General Dealer, registered as proprietor of half interest. Cream and milk cooler and aerator. [T. Carter.] 13th July, 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 12th to the 25th July, 1906, inclusive:—

No. 20021.—J. M. Bawden, egg-boiling cruet-stand.

No. 20022.—P. T. Louat, slimes treatment.

No. 20028.—M. A. Hoppe, muscle-developer for fingers.

No. 20030.—R. H. White and G. T. Pritchard, sash-fastener.

No. 20035.—F. W. Smith, fruit-gatherer.

No. 20049.—A. Johnston and C. Jenkins, scrubber and mop.

No. 20050.—T. McNab, gas hangings.

No. 20051.—G. W. Lucy, aerial roundabout.

No. 20052.—A. B. Wilson, rotary engine.

No. 20053.—J. D. Jackson, spark-arrester.

No. 20062.—T. B. Baty, steam-engine.

No. 20070.—F. H. Anderson, H. Wilson, and E. J. Rigby, steel-bar manufacture.

No. 20072.—J. C. Ellis, watch and clock regulator.

No. 20075.—G. Collier, damper for register grate.

No. 20076.—J. A. Grofski, hydraulic ram.

No. 20077.—J. A. Head and J. D. L. Leech, burglar-alarm.

No. 20078.—A. J. Clegg, indicating closing and sorting of mails.

No. 20079.—J. Jonson, game.

No. 20085.—F. H. Hall, hair-pin.

No. 20086.—C. B. Smith, sphere-forming machine.

No. 20096.—E. W. Thurgar, detaching buckle-tongue from strap.

No. 20112.—C. Rask and E. A. Cameron, travelling-race for sheep.

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 12th to the 25th July, 1906, inclusive:—

No. 19402.—W. Knight and A. Anderson, cleansing-compound.

Applications for Letters Patent lapsed.

LIST of applications for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 12th to the 25th July, 1906:—

No. 18950.—W. McKinnon, feeding fowls and animals.

No. 18972.—J. W. Murdock, scraper for tramway-rails.

No. 18979.—J. Paterson, toasting-rack.

No. 19001.—R. Coghill, envelope.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees and through expiry of term of fourteen years, from the 12th to the 25th July, 1906, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 14746.—H. V. McKay, seed and fertiliser drill. (J. and J. Andrewartha.)

No. 14753.—L. C. Auldjo, air or gas compressor.

No. 14758.—H. Grass, dropper for pasty material.

No. 14762.—H. Peck, can-washing machine. (J. M. K. Letson and F. W. Burpee.)

No. 14763.—H. Peck, applying caps to cans. (J. M. K. Letson and F. W. Burpee.)

No. 14764.—H. Peck, die for forming can-ends. (J. M. K. Letson and F. W. Burpee.)

No. 14768.—F. H. Sleeper and E. A. Mahon, engine.

No. 14773.—C. A. Trotter, range-finding for rifles.

No. 14774.—Pumice Filter Tobacco Pipe Company, Limited, tobacco-pipe. (E. T. and Y. S. Towgood and J. Allison.)

No. 14775.—C. A. E. Andersen, centrifugal separator.

No. 14776.—D. S. S. Stewart, pulverising-machine.

No. 14778.—W. Moore and C. T. Kiernan, box for packing rabbits, &c.

No. 14779.—T. R. Ellison, cycle parcel-carrier.

No. 14780.—F. H. Aussel, under-frame of vehicle.

No. 14788.—J. T. Allinson and W. T. S. Robertson, puttie-legging.

No. 14791.—F. A. Bardwell, voting-machine. (A. F. Bardwell.)
 No. 14792.—J. L. Ferrell, wood-preserving.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 11531.—The British Westinghouse Electric and Manufacturing Company, Limited, induction-motor. (B. G. Lamme.)

No. 11532.—The British Westinghouse Electric and Manufacturing Company, Limited, converting energy of alternating electric current into mechanical energy. (B. G. Lamme.)

No. 11533.—The British Westinghouse Electric and Manufacturing Company, Limited, system of electrical distribution. (C. F. Scott.)

No. 11534.—The British Westinghouse Electric and Manufacturing Company, Limited, electric motor controller. (H. P. Davis.)

No. 11535.—The British Westinghouse Electric and Manufacturing Company, Limited, electrical distribution. (B. G. Lamme.)

No. 11545.—D. Reid, stereo and electro plates.

THROUGH EXPIRY OF TERM.

No. 5659.—J. Tyrrell, kerosene pump.

Designs registered.

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

No. 289.—Harold Alfred Doorey and Harry Kerigan, both of Wellington, in the Colony of New Zealand. Class 3. 17th July, 1906.

No. 290.—Walter Chisholm, of Avondale, Auckland, in the Colony of New Zealand. Class 1. 13th February, 1906.

Trade Marks registered.

LIST of Trade Marks registered from the 12th to the 24th July, 1906, inclusive:—

No. 4630; 5393.—B. J. Mouat; Class 18. (Gazette No. 82, of the 7th September, 1905.)

No. 4631; 5912.—Aerators Limited; Class 6. (Gazette No. 35, of the 3rd May, 1906.)

No. 4632; 5913.—Aerators Limited; Class 13. (Gazette No. 35, of the 3rd May, 1906.)

No. 4633; 5789.—J. Lysaght Limited; Class 5. (Gazette No. 15, of the 22nd February, 1906.)

No. 4634; 5866.—White and Co., Limited; Class 42. (Gazette No. 35, of the 3rd May, 1906.)

No. 4635; 5886.—P. Roger and Co.; Class 43. (Gazette No. 35, of the 3rd May, 1906.)

No. 4636; 5887.—G. Winder; Class 7. (Gazette No. 31, of the 19th April, 1906.)

No. 4637; 5888.—G. Winder; Class 12. (Gazette No. 31, of the 19th April, 1906.)

No. 4638; 5889.—G. Winder; Class 18. (Gazette No. 31, of the 19th April, 1906.)

No. 4639; 5890.—G. Winder; Class 50. (Gazette No. 31, of the 19th April, 1906.)

No. 4640; 5898.—The Southern Cross Biscuit Company, Limited; Class 42. (Gazette No. 35, of the 3rd May, 1906.)

No. 4641; 5916.—The Murine Eye Remedy Company; Class 3. (Gazette No. 35, of the 3rd May, 1906.)

No. 4642; 5920.—H. L. Koefoed; Class 42. (Gazette No. 35, of the 3rd May, 1906.)

No. 4643; 5406.—El Oriente Fabrica de Tabacos Sociedad Anonima, at Manila; Class 45. (Gazette No. 71, of the 27th July, 1905.)

No. 4644; 5407.—El Oriente Fabrica de Tabacos Sociedad Anonima, at Manila; Class 45. (Gazette No. 71, of the 27th July, 1905.)

No. 4645; 5408.—El Oriente Fabrica de Tabacos Sociedad Anonima, at Manila; Class 45. (Gazette No. 71, of the 27th July, 1905.)

No. 4646; 5515.—P. B. Burgoyne and Co., Limited; Class 43. (Gazette No. 85, of the 21st September, 1905.)

No. 4647; 5875.—Lever Bros., Limited; Class 47. (Gazette No. 31, of the 19th April, 1906.)

No. 4648; 5876.—Lever Bros., Limited; Class 48. (Gazette No. 31, of the 19th April, 1906.)

No. 4649; 5917.—The Emdeca Metal Decorating Company, Limited; Class 17. (Gazette No. 35, of the 3rd May, 1906.)

No. 4650; 5865.—J. Crichton; Class 50. (Gazette No. 31, of the 19th April, 1906.)

No. 4651; 5930.—F. G. Brown; Class 42. (Gazette No. 38, of the 17th May, 1906.)

No. 4652; 5924.—The Welsbach Incandescent Light Company of Australasia, Limited; Class 15. (Gazette No. 38, of the 17th May, 1906.)

No. 4653; 5928.—Maconochie Bros., Limited; Class 42. (Gazette No. 38, of the 17th May, 1906.)

No. 4654; 5935.—C. Ziele; Class 50. (Gazette No. 38, of the 17th May, 1906.)

No. 4655; 5936.—C. Dickinson; Class 45. (Gazette No. 38, of the 17th May, 1906.)

No. 4656; 5938.—C. Dickinson; Class 45. (Gazette No. 38, of the 17th May, 1906.)

No. 4657; 5942.—C. Dickinson; Class 50. (Gazette No. 38, of the 17th May, 1906.)

No. 4658; 5958.—E. S. Dixon; Class 42. (Gazette No. 38, of the 17th May, 1906.)

Applications for Registration of Trade Marks.

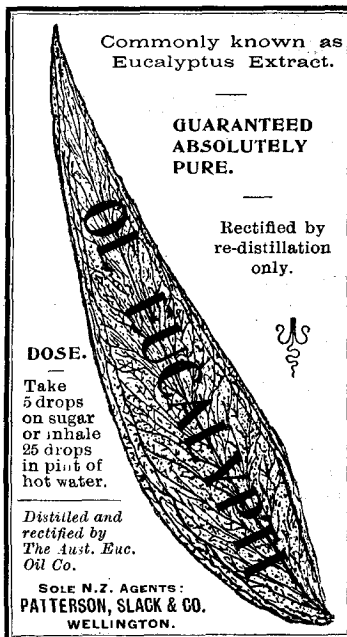
Patent Office,
 Wellington, 24th July, 1906.

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: 5991.

Date: 5th June, 1906.

TRADE MARK.



The essential particular of this trade mark is the device of a eucalyptus leaf; and applicants disclaim any right to the exclusive use of the added matter, except their name and address.

NAME.

PATTERSON, SLACK, AND CO., of 18 Brandon Street, Wellington, in the Colony of New Zealand, Manufacturers' Agents.

No. of class: 3.

Description of goods: Ol. Eucalypti (Eucalyptus oil).

No. of application: 6024.

Date: 25th June, 1906.

TRADE MARK.

The word "TALLY-HO."

NAME.

E. W. PIDGEON AND CO., LIMITED, of 132 Lichfield Street, Christchurch, in the Colony of New Zealand, Merchants.

No. of class: 45.

Description of goods: Tobacco, cigars, cigarettes, and snuff.

No. of application : 6026.
Date : 26th June, 1906.

The words

TRADE MARK.

GOLDENSHEAF

The essential particulars of this trade mark are the words "Golden Sheaf" combined; and any right to the exclusive use of the words "Sheaf" or "Golden" as separate words is disclaimed.

NAME.

THE NEW ZEALAND DAIRY ASSOCIATION, LIMITED, of Auckland, in the Colony of New Zealand.

No. of class : 42.

Description of goods : Butter, cheese, articles of dairy-produce.

No. of application : 6043.
Date : 11th July, 1906.

TRADE MARK.

John Parker & Co

NAME.

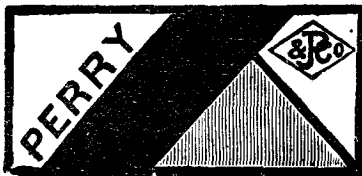
JOHN PARKER, of Napier, Secretary; MICHAEL FRANCIS BOURKE, of Napier, Merchant; FREDERICK PARKER, of Gisborne, Bank Manager; and KENNETH CAMPBELL, of Gisborne, Sheepfarmer, all in the Colony of New Zealand, carrying on business together as Manufacturers of the said preparation under the firm or style of "John Parker and Co."

No. of class : 2.

Description of goods : A chemical preparation for destroying weeds and other plants.

No. of application : 6045.
Date : 11th July, 1906.

TRADE MARK.



NAME.

PERRY AND Co., LIMITED, of 36 Lancaster Street, Birmingham, England, Manufacturers.

No. of class : 39.

Description of goods : Pens, paper (except paperhangings), stationery, and bookbinding.

No. of application : 6046.
Date : 11th July, 1906.

TRADE MARK.

The word

"PIONEER."

NAME.

ALEXANDER ROBERT HISLOP, of Victoria Street, Wellington, in the Colony of New Zealand, Rubber-merchant.

No. of class : 50.

Description of goods : Indiarubber hose, belting, sheeting, buffers, springs, and pads.

No. of application : 6048.
Date : 12th July, 1906.

TRADE MARK.



The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned for over twenty years.

NAME.

THE DRESDEN PIANOFORTE MANUFACTURING AND AGENCY COMPANY, of Dunedin and elsewhere in the Colony of New Zealand.

No. of class : 9.

Description of goods : Pianos.

No. of application: 6049.
Date 12th July, 1906.

TRADE MARK.



The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned for over twenty years.

NAME.

THE DRESDEN PIANOFORTE MANUFACTURING AND AGENCY COMPANY, of Dunedin and elsewhere in the Colony of New Zealand.

No. of class: 9.
Description of goods: Pianos.

No. of application: 6050.
Date: 12th July, 1906.

TRADE MARK.



The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned for over twenty years.

NAME.

THE DRESDEN PIANOFORTE MANUFACTURING AND AGENCY COMPANY, of Dunedin and elsewhere in the Colony of New Zealand.

No. of class: 9.
Description of goods: Pianos.

No. of application: 6054.
Date: 12th July, 1906.

TRADE MARK.

The word

“SNOWDRIFT”

NAME.

ROBERT GUTHRIE, of 205 Clarence Street, Sydney, in the State of New South Wales, Commonwealth of Australia, Merchant and Agent.

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

No. of application: 6055.
Date: 16th July, 1906.

TRADE MARK.

The word

Rock-Oak

NAME.

AMERICAN OAK LEATHER COMPANY, a corporation duly organized under the laws of the State of Ohio, and having a place of business at Cincinnati, in the County of Hamilton and State of Ohio, United States of America, Manufacturers.

No. of class: 37.
Description of goods: Leather and articles made of leather not included in other classes.

No. of application: 6056.
Date: 16th July, 1906.

TRADE MARK.

The word

Rock-Oak

NAME.

AMERICAN OAK LEATHER COMPANY, a corporation duly organized under the laws of the State of Ohio, and having a place of business at Cincinnati, in the County of Hamilton and State of Ohio, United States of America, Manufacturers.

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

No. of application : 6057.
Date : 16th July, 1906.

TRADE MARK.
The word
SAL-BORDEAUX.

NAME.
FRANCIS HENRY LEONARD, of Victoria Street East, in the City of Auckland, in the Colony of New Zealand, Manufacturers' Agent.

No. of class : 2.
Description of goods : Insecticides, bactericides, vermin-destroyers, disinfectants, and the like.

No. of application : 6058.
Date : 16th July, 1906.



NAME.
INTERNATIONAL HARVESTER COMPANY OF AMERICA, a corporation duly organized under the laws of the State of Wisconsin, with offices at 7 Monroe Street, Chicago, County of Cook, State of Illinois, United States of America.

No. of class : 7.
Description of goods : Agricultural machines, consisting of grain- and grass-harvesting machines, including grain-binding harvesters, corn-harvesters, rice-harvesters, mowers and reapers, as well as extra and repair parts and pieces for such apparatus.

No. of application : 6062.
Date : 16th July, 1906.

TRADE MARK.
The word
VIAVI

NAME.
HARTLAND LAW and HERBERT EDWARD LAW, trading as "The Viavi Company," of 2304 Van Ness Avenue, San Francisco, California, United States of America, Manufacturers.

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

No. of application : 6063.
Date : 16th July, 1906.

TRADE MARK.
The word
TANZA.

NAME.
MARSHALL'S CHEMICAL COMPANY, LIMITED, of Dunedin, in the Colony of New Zealand, Manufacturing-chemists.

No. of class : 2.
Description of goods : Preparations for the prevention of grain rust and smut, potato scab, blight, &c.

No. of application : 6066.
Date : 18th July, 1906.

TRADE MARK.
The word
BREATHLETS.

NAME.
THE BREATHLETS COMPANY, of Detroit, County of Wayne, Michigan, United States of America.

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

No. of application : 6070.
Date : 19th July, 1906.

TRADE MARK.
The word
"PROGRESS."

NAME.
BALDWIN AND RAYWARD, of 71 Lambton Quay, Wellington, in the Colony of New Zealand.

No. of class : 39.
Description of goods : Any newspaper devoted to engineering and industry, architecture and building, science and invention.

No. of application : 6071.
Date : 20th July, 1906.

TRADE MARK.
The word
"GLENBURNIE."

NAME.
NEILL AND Co., LIMITED, of Dunedin, in the Colony of New Zealand.

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

J. C. LEWIS,
Deputy Registrar.

Trade Mark Renewal Fees paid.

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

For fourteen years from the dates first noted.

No. 452/339.—20th April, 1906.—Alfred J. Nathan and Co., of London, England. 16th July, 1906.

No. 535/523.—26th July, 1906.—J. W. Snackelford, Auckland, New Zealand. 20th July, 1906.

No. 585/459.—10th October, 1906.—Loewe and Co., of London, England. 19th July, 1906.

Subsequent Proprietors of Trade Marks registered.

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

NOS. 93/78, 94/79, and 95/80.—Ottlie von Faber-Castell, trading as A. W. Faber, of Sölen, near Nürnberg, Bavaria, Germany, and carrying on business at 149 Queen Victoria Street, London, England, Manufacturer of lead and coloured pencils, writing-slates, artists' materials, and stationery. [Ottlie von Faber.] 14th July, 1906.

Nos. 3923/3172, 3924/3067, and 3925/3068.—Linotype and Machinery, Limited, of 188 and 189 Fleet Street, London, England, Manufacturers of Linotype and Printing Machinery. [The Linotype Company, Limited.] 14th July, 1906.

No. 5119/4027.—The A.E.G. English Manufacturing Company, Limited, of 121-125, Charing Cross Road, London, W.C., England. [Nernst Electric Light, Limited.] 16th July, 1906.

No. 5189/4197.—The J. B. Ford Company, a corporation located at the Village of Ford City, County of Wayne and State of Michigan, United States of America. [Henry W. Peabody and Co.] 21st July, 1906.

Nos. 5204/4240 and 5205/4241.—Borsalino Guisepe and Fratello Societa Anonima, of Corso Cento Cannoni, No. 9, in the City of Alessandria, in the Kingdom of Italy. [Borsalino Guisepe and Fflo.] 14th July, 1906.

Trade Marks removed from the Register.

TRADe Marks removed from the Register, owing to the non-payment of the renewal fees, from the 11th to the 24th July, 1906, inclusive:—

No. 447/390.—11th April, 1892.—R. Hannah, trading as R. Hannah and Co., of Wellington, New Zealand. Class 38.

No. 449/373.—19th April, 1892.—W. R. Hayden, trading as the New York Pharmaceutical Company, of Bedford, United States of America. Class 3.

Alteration of Address of Proprietor of Trade Mark on Register.

NO. 452/339.—Alfred Jerrold Nathan, trading as Alfred J. Nathan and Co., of 13 King William Street, London, England. Address altered to "17 Farringdon Avenue, Farringdon Street, E.C., London."

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.

1947

1. The first part of the report deals with the general situation of the country and the progress of the work during the year. It is followed by a detailed account of the work done in each of the various departments.

2. The second part of the report deals with the financial position of the country and the progress of the work during the year. It is followed by a detailed account of the work done in each of the various departments.

3. The third part of the report deals with the administrative and legal aspects of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

4. The fourth part of the report deals with the social and economic aspects of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

5. The fifth part of the report deals with the cultural and educational aspects of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

6. The sixth part of the report deals with the health and medical aspects of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

7. The seventh part of the report deals with the scientific and technical aspects of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

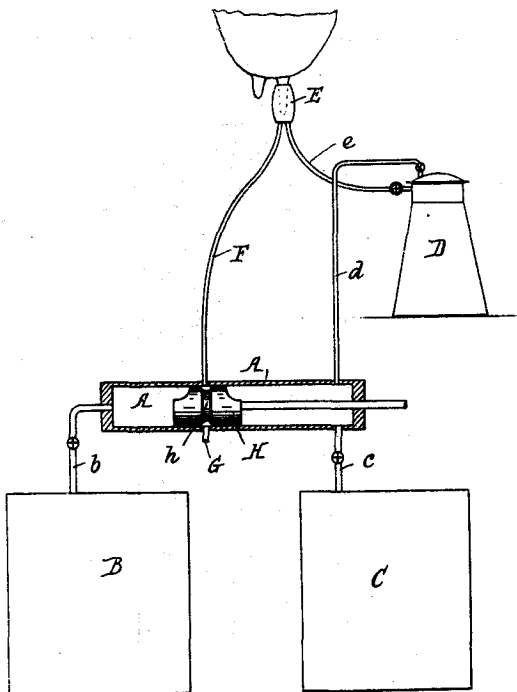
8. The eighth part of the report deals with the military and defense aspects of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

9. The ninth part of the report deals with the foreign relations and international aspects of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

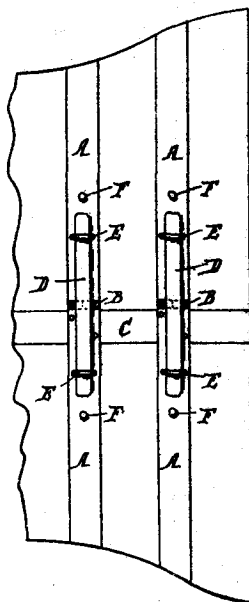
10. The tenth part of the report deals with the general conclusions and recommendations of the work done during the year. It is followed by a detailed account of the work done in each of the various departments.

ILLUSTRATIONS OF INVENTIONS.

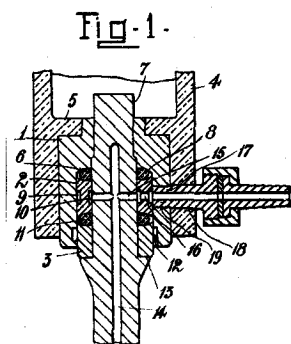
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



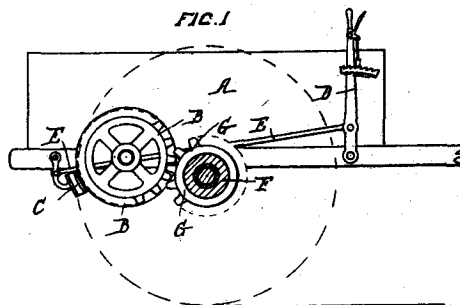
19755
Jefferis. Milking-appliance.



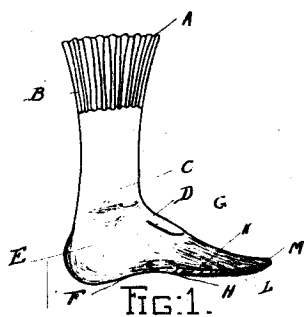
19844
White. Corset.



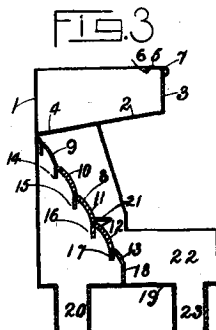
19852
Rigby. Rock-drill.



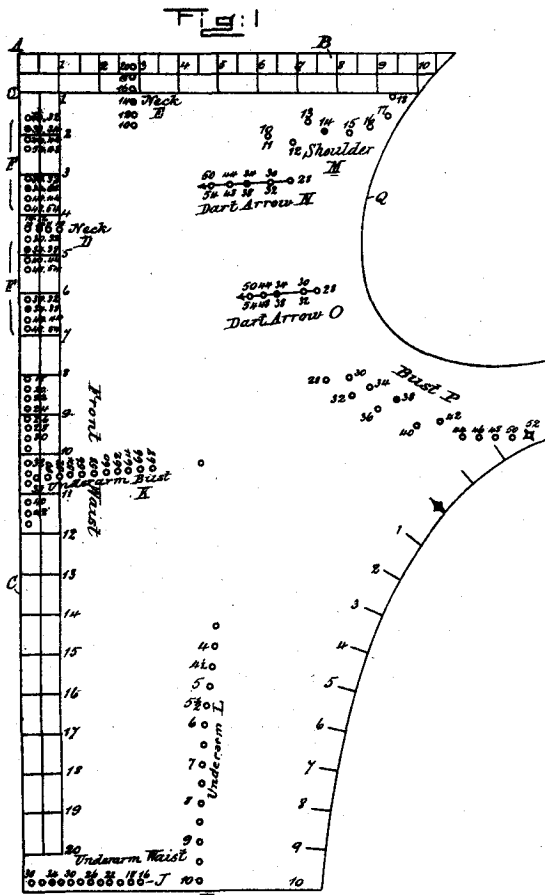
19978
Davidson. Cart-brake.



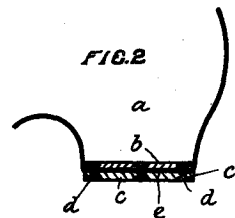
20045
McCole. Sock.



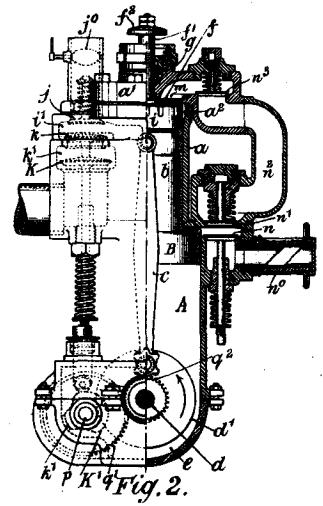
20329
Dugdale. Spout-head and Strainer.



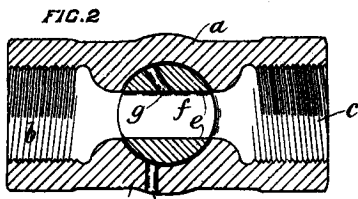
20768
Halkier. Dress-chart.



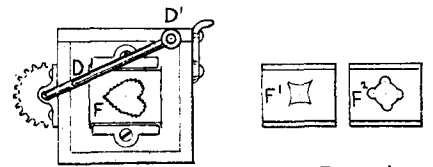
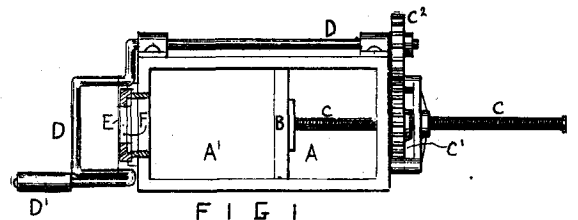
20909
Nicholls and Silly. Goloshes.



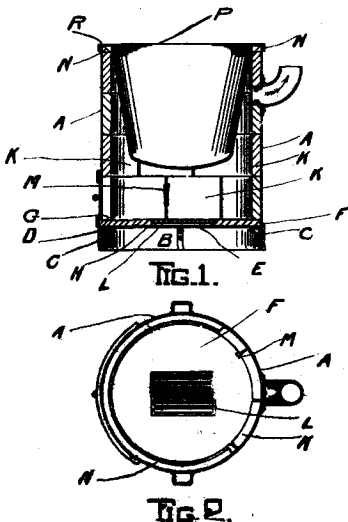
21082
Lawless. Combustion Engine.



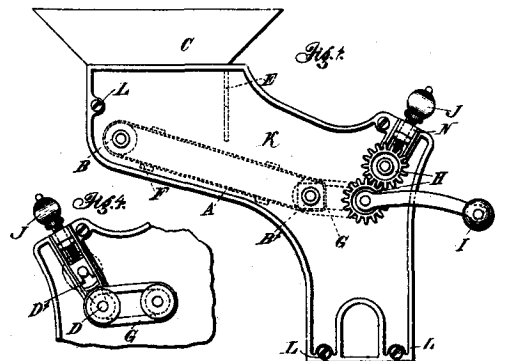
20840
Anderson. Westinghouse-brake Hose.



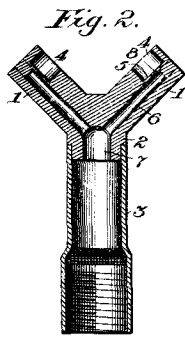
21138
Chisholm and Norton. Plastic-material Cutter.



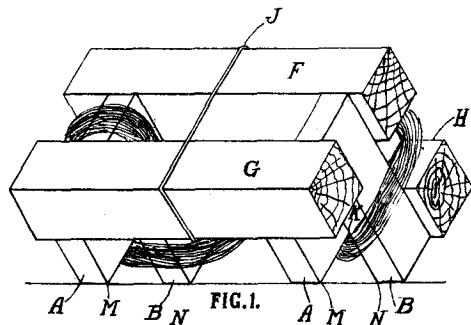
21037
Reimers. Boiler.



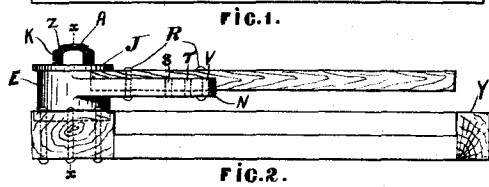
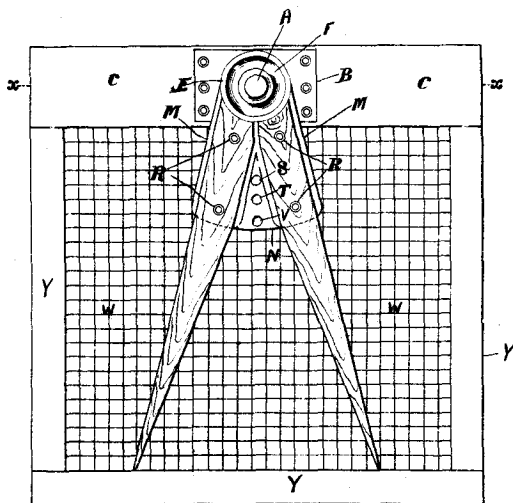
21151
McClelland. Pea-sheller. (Cuthbert.)



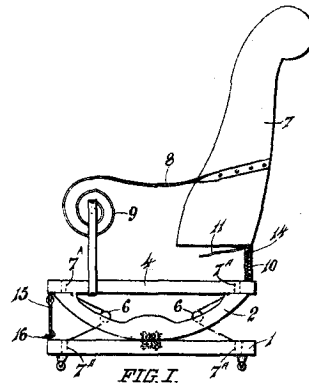
21174
Carroll. Acetylene-gas Burner.



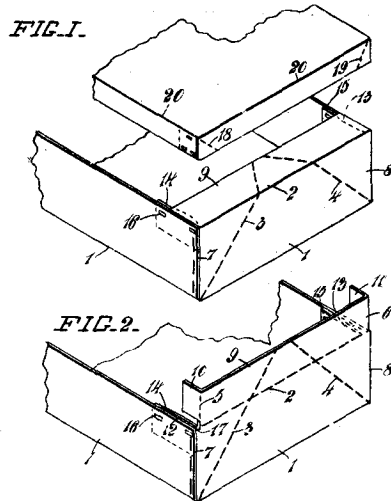
21205
Carrigan. Fire-lighter.



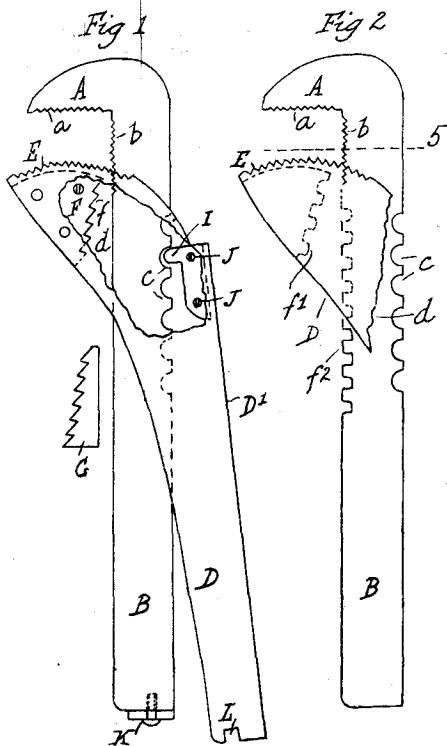
21206
Park. Tow Shaker and Cleanser.



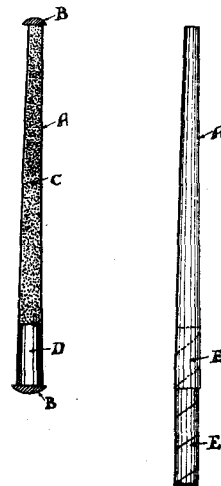
21287
Palmer. Chair.



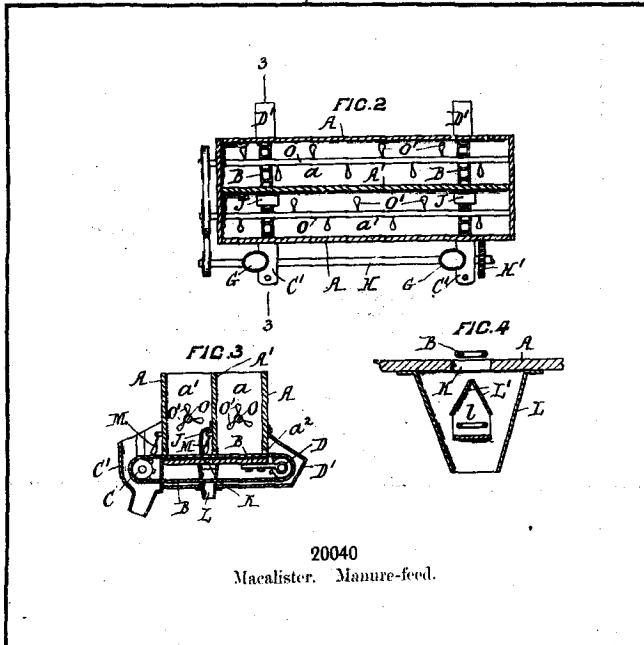
21288
Whitcombe and Tombs (Limited). Box. (Scott.)



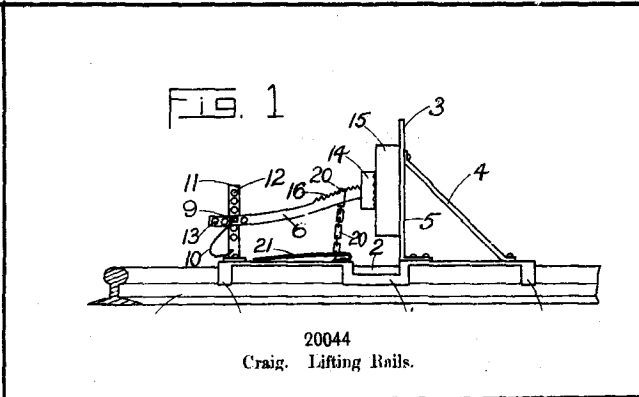
21267
Barnes. Wrench.



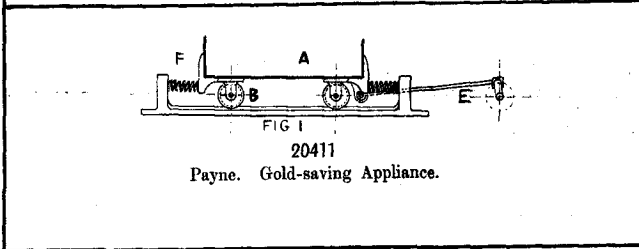
21217
Fraser and Good. Fuse-igniter.



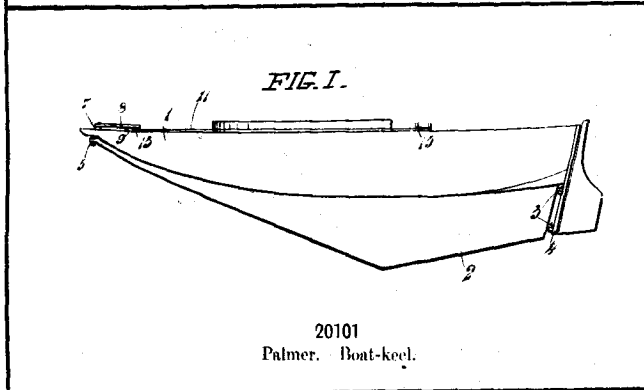
20040
Macalister. Manure-feeder.



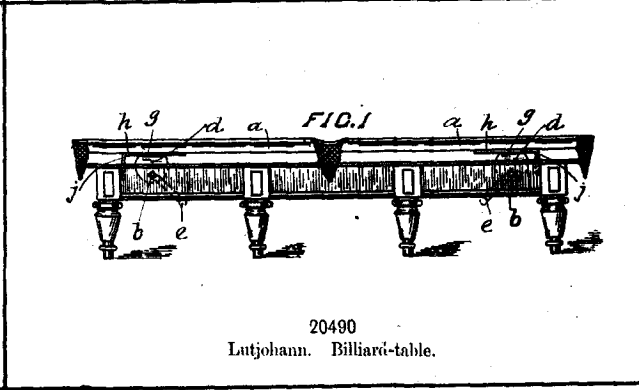
20044
Craig. Lifting Rails.



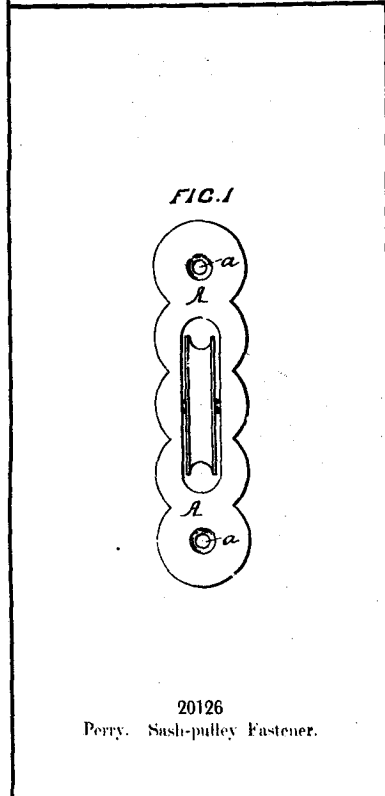
20411
Payne. Gold-saving Appliance.



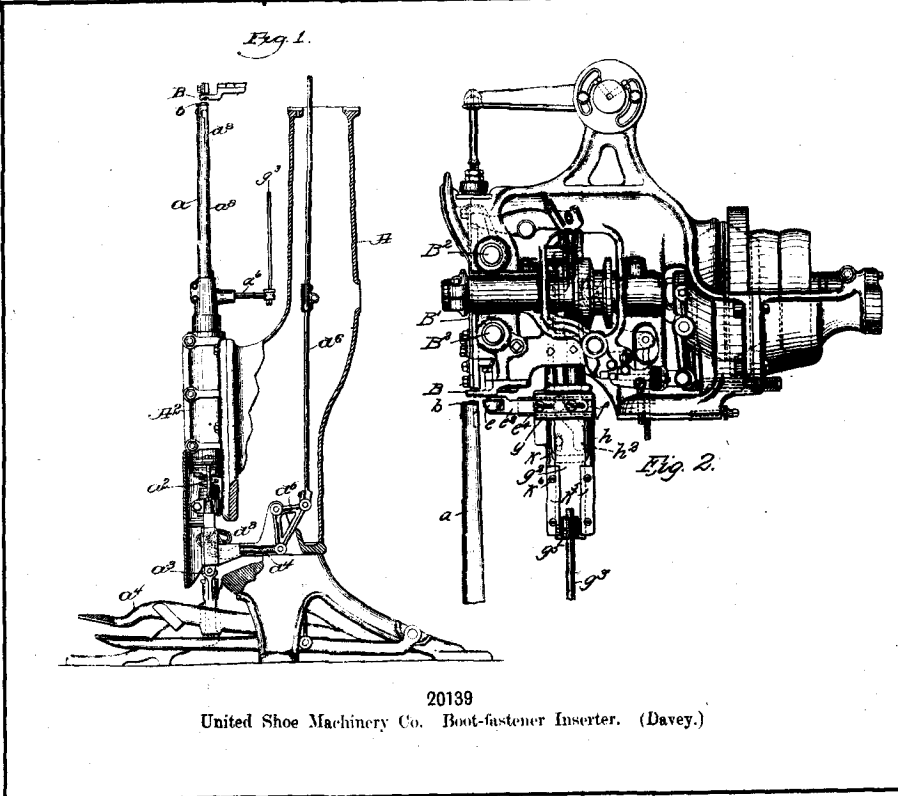
20101
Palmer. Boat-keel.



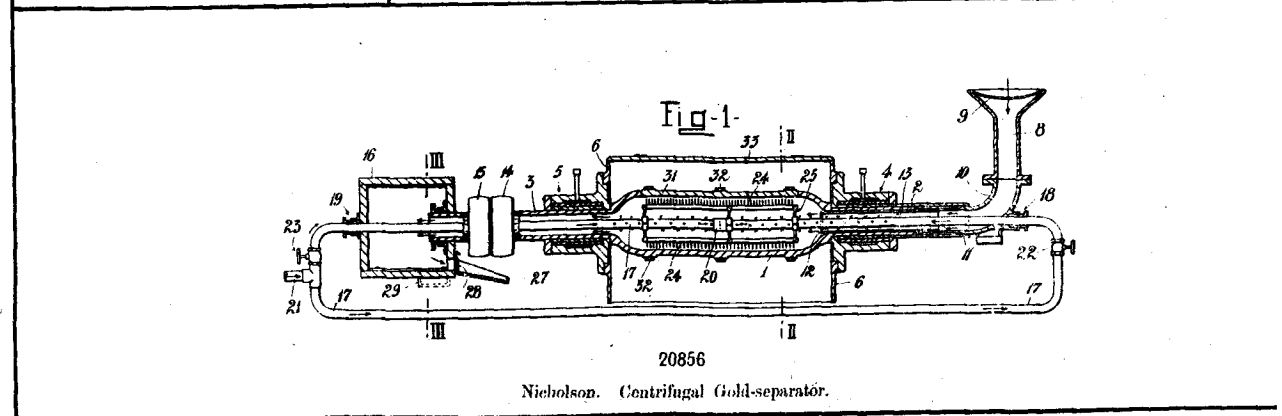
20490
Lutjohann. Billiard-table.



20126
Perry. Sash-pulley Fastener.



20139
United Shoe Machinery Co. Boot-fastener inserter. (Davey.)



20856
Nicholson. Centrifugal Gold-separator.