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*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 11th May, 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 June, 1905.

Index of Applicants.  
 Subject-matter Index.  
 Commissioner of Patent Journal, &c.<sup>(a)</sup>.  
 Trade Marks Journal to May, 1905.

A

*Canada.*

Patent Office Record (containing illustrated abridgments of inventions, &c.) to December, 1904<sup>(b)</sup>.

*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<sup>(c)</sup>.

*United States.*

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to May, 1905.

*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<sup>(d)</sup>.
3. Register of Application for Letters Patent.
4. Register of Patents.

5. Register of Subsequent Proprietors of Letters Patent<sup>(e)</sup>.
6. Index of Patentees<sup>(f)</sup>.
7. Index of Proprietors of Letters Patent granted prior to 1890<sup>(g)</sup>.
8. Index of Specifications<sup>(h)</sup>.

*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<sup>(i)</sup>.
5. Index of Trade Marks.
6. Classified Representations of Trade Marks, with indexes.

*Miscellaneous.*

## Register of Patent Agents.

## FORMS.

The following forms, &amp;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<sup>(j)</sup>.
- 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) These may also be seen at the Public Libraries, Auckland and Christchurch.  
 (c) In arrears. 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. 19790.—26th July.—L. H. Carroll, S. Jacobs, and W. J. McIntosh, Geelong, Victoria.  
Flying-machine.
- No. 19791.—26th July.—T. E. Jones, Wellington.  
Hamper-fastening.
- No. 19792.—26th July.—G. M. Scott, Dunedin.  
Sash-hanger.\*
- No. 19793.—26th July.—H. Quartier, Dunedin.  
Trolley-pole.
- No. 19794.—27th July.—K. Lewis, Williamstown, Victoria.  
Puncture-repairing compound.
- No. 19795.—27th July.—T. N. Turgeon, Wellington.  
Needle. (*C. A. Wellington.*)
- No. 19796.—27th July.—W. Middleton and H. N. G. Cobbe, Kalgoorlie, W. Australia.  
Grinding faces of pans.\*
- No. 19797.—27th July.—O. T. Madeley, Corindhap, Victoria.  
Reins and holder.
- No. 19798.—27th July.—O. T. Madeley, Corindhap, Victoria.  
Rabbit-trap.
- No. 19799.—27th July.—N. R. Gordon, Melbourne, Victoria.  
Aerial machine.
- No. 19800.—27th July.—G. J. Browne and E. Toms, Palmerston North.  
Sheet-metal machinery.
- No. 19801.—26th July.—C. C. Lake, Christchurch.  
Coat-hanger.
- No. 19802.—28th July.—L. S. Donald, Dunedin.  
Stockings and socks.
- No. 19803.—28th July.—J. H. Hickman, Wellington.  
Mitre-cutter, &c.\*
- No. 19804.—29th July.—J. J. Blockley and J. A. Lissington, Palmerston North.  
Cowl and chimney-pot.\*
- No. 19805.—29th July.—H. Norgrove, Auckland.  
Collecting sand and forming sand-banks.
- No. 19806.—29th July.—H. Norgrove, Auckland.  
Portable boiler.
- No. 19807.—29th July.—G. Westmoreland, Gisborne.  
Sash-balance.
- No. 19808.—29th July.—C. M. Graham, Dunedin.  
Register grate.\*
- No. 19809.—29th July.—A. Ramsay, Crookston.  
Heelplate.
- No. 19810.—31st July.—P. Holt, Melbourne.  
Street-sweeping machine.
- No. 19811.—25th July.—J. Macalister, Invercargill.  
Scraper for roller of ridger.
- No. 19812.—28th July.—D. T. McPhedran, Timaru.  
Traction-engine shoe.
- No. 19813.—31st July.—C. Henry and E. J. Hatcher, Dunedin.  
Candle-extinguisher.
- No. 19814.—28th July.—J. H. Rigden, Opuha.  
Steam-engine.
- No. 19815.—1st August.—H. Corbett, South Yarra, Victoria.  
Siphon. (*F. J. Corbett.*)
- No. 19816.—1st August.—D. Krmpotic, Melbourne, Victoria.  
Pea-shelling machine.
- No. 19817.—1st August.—H. Brown, Wairoa.  
Rain-water collection.\*
- No. 19818.—1st August.—L. E. St. George, Wellington.  
Chimney-pot.
- No. 19819.—1st August.—A. H. Farmer, Auckland.  
Steam valve.
- No. 19820.—31st July.—D. Wemyss, jun., and J. Wemyss, Blenheim.  
Earth-closet.
- No. 19821.—2nd August.—J. Watson, Wellington.  
Metal-lathing.\*
- No. 19822.—1st August.—E. Crawshaw, Christchurch.  
Fire-lighter.
- No. 19823.—2nd August.—C. J. Waugh, Fairfax.  
Steam or water valve.
- No. 19824.—1st August.—J. Ball and W. H. Bird, Wanganui.  
Game.
- No. 19825.—3rd August.—J. Northey, Christchurch.  
Hydraulic-ram valve.

- No. 19826.—3rd August.—A. Parker, Dannevirke.  
Mail-bag fastener.
- No. 19827.—3rd August.—W. T. Nuttall, Dannevirke.  
Branding-appliance.
- No. 19828.—3rd August.—E. Resch, Sydney, N.S.W.  
Bottle-clip. (*J. J. McGarry.*)\*
- No. 19829.—3rd August.—W. Schmidt, Wilhelmshöhe,  
Germany.  
Superheater for boiler.
- No. 19830.—3rd August.—O. T. Madeley, Corindhap, Vic-  
toria.  
Mail-bag fastener.
- No. 19831.—3rd August.—H. Quertier, Dunedin.  
Tram-rail cleaner.
- No. 19832.—2nd August.—C. J. Petersen and D. R. Fisher,  
Christchurch.  
Linotype-machine mould wiper and cleaner.
- No. 19833.—3rd August.—A. A. Withers, Balaclava, Vic-  
toria.  
Tire-inflator.
- No. 19834.—4th August.—A. J. Way, Wellington.  
Gas-burner. (*R. W. Stuart.*)
- No. 19835.—4th August.—F. Edwards, Hawera.  
Injecting air into cow's udder.\*
- No. 19836.—4th August.—J. O'Donnell, Hawera.  
Milk-can insect-intrusion preventer.
- No. 19837.—2nd August.—L. Healy, New Plymouth.  
Swingletree.
- No. 19838.—4th August.—F. A. Kjellin, Stockholm,  
Sweden.  
Electric furnace.\*
- No. 19839.—3rd August.—J. Dunning, Devonport.  
Butter-box.
- No. 19840.—5th August.—H. Quertier, Dunedin.  
Trolley-pole.
- No. 19841.—28th July.—J. Pomeroy, Invercargill.  
Newspaper-file.
- No. 19842.—3rd August.—R. W. Lawrence, Dunedin.  
Lamp-burner socket attachment.
- No. 19843.—3rd August.—W. Philpott, Longbush.  
Spreader for trace-chains.
- No. 19844.—7th August.—G. E. White, Auckland.  
Corset.
- No. 19845.—7th August.—C. Miller, Nelson.  
Game-apparatus.
- No. 19846.—17th May.—W. Stokes, jun., and J. H.  
Suokling, Christchurch.  
Motor.\*
- No. 19847.—4th August.—E. Elliott, Auckland.  
Wool-washing machine.\*
- No. 19848.—8th August.—E. J. Chambers, Wolverhampton,  
England.  
Pipe for cable.\*
- No. 19849.—8th August.—Marconi's Wireless Telegraph  
Company, Limited, London, England.  
Electric-current meter. (*J. A. Fleming.*)\*
- No. 19850.—8th August.—W. F. Williams, London,  
England.  
Raising, &c., railway-carriage windows.\*
- No. 19851.—8th August.—J. Bell, Prahra, Victoria.  
Pump-repairing jack for boots, &c.
- No. 19852.—8th August.—E. J. Rigby, Malvern, Victoria.  
Pneumatic hammer rock-drill.
- No. 19853.—8th August.—The Mond Nickel Company,  
Limited, London.  
Obtaining nickel from nickel-carbonyl.  
(*C. Langer.*)\*
- No. 19854.—8th August.—The Mond Nickel Company,  
Limited, London.  
Treating nickle-ores. (*C. Langer.*)\*
- No. 19855.—8th August.—Aktiebolaget Lux, Limited,  
Stockholm, Sweden.  
Check-valve. (*F. J. H. Rustige.*)\*
- No. 19856.—8th August.—B. S. and J. H. Nicholls and C.  
A. Bennett, Auckland.  
High-pressure boiler.\*
- No. 19857.—8th August.—D. McQueen, Stratford.  
Potato-peeler.
- No. 19858.—8th August.—D. Urquhart and C. Sloper,  
Timaru.  
Sheep and lamb paunches cutting, washing,  
&c.
- No. 19859.—9th August.—H. Schuckar, Berlin, Germany.  
Paper-file.\*

F. WALDEGRAVE,  
Registrar.

Notice of Acceptance of Complete Specifications.

Patent Office,  
Wellington, 9th August, 1905.

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. 18411.—6th September, 1904.—CHRISTIANA STRING-  
FELLOW, of Great North Road, Grey Lynn, Auckland, New  
Zealand, Domestic Duties. Improved device for drawing  
buttons through button-holes.

*Claim.*—A device for the purpose indicated, comprising a  
loop having a comparatively large opening through which a  
button may be passed, and a channel to receive the shank of  
said button, and an integrally formed handle comprising an  
elliptical ring fitted with a plate having grooves to receive  
the wire, to which it is secured by soldering, the said plate  
being adapted to be stamped or embossed with a name or  
the like, substantially as specified and illustrated.  
(Specification, 1s. 6d.; drawing, 1s.)

No. 18434.—9th September, 1904.—MATTHEW RYAN, of  
Greymouth, Westland, New Zealand, Inventor. A gold-  
saving apparatus.\*

*Claim.*—For the purpose indicated, in combination, a long  
inclined hopper receiving the material to be treated, and  
superposed inclined tables arranged beneath said hopper in  
relation to each other, substantially as specified and as illus-  
trated in the drawing.  
(Specification, 1s. 6d.; drawing, 1s.)

No. 18435.—6th September, 1904.—BENJAMIN TRE-  
WHELLA and WILLIAM TREWHELLA, trading as "Trehwella  
Bros.," at Trentham, Victoria, Australia, Engineers and  
Ironworkers. Improved lever jack, specially useful for  
clearing land.\*

*Claims.*—(1.) In a lever jack of the kind described, a  
removable extension-rod suitably guided, and adapted to be  
raised on the foot of the casing, substantially as set forth  
and illustrated. (2.) In a lever jack of the kind described,  
a removable extension-rod adapted to pass through a guide  
on the upper end of the rack, and rest at the lower end in a  
socket on the foot, substantially as set forth. (3.) In a lever  
jack of the kind described, a vertically sliding casing having  
three or more rests arranged at different levels and on dif-  
ferent sides, substantially as set forth.  
(Specification, 3s.; drawing, 1s.)

No. 18456.—16th September, 1904.—CHRISTCHURCH  
MEAT COMPANY, LIMITED, whose registered office is 150,  
Hereford Street, Christchurch, New Zealand (assignees of  
Gilbert Anderson, of Christchurch aforesaid, Managing  
Director). Improved apparatus for securing the tops or covers  
of preserving-tins and the like.\*

*Claims.*—(1.) An improved apparatus for securing the tops  
or covers of preserving-tins and the like, consisting of the  
parts combined, arranged, and operating substantially as  
specified and illustrated. (2.) Apparatus for the purpose  
indicated characterized by having a series of trays arranged  
within a retort, and upon which the vessels to be sealed are  
placed, and a corresponding series of rails above said vessels,  
said rails being capable of vertical movement, with means for  
operating said rails from outside the retort whereby covers  
are secured upon the said vessels, substantially as specified  
and illustrated. (3.) Apparatus for the purpose indicated, a  
retort, frames one at each end thereof, a spindle projecting  
through a stuffing-box upon the retort, each of said spindles  
being screwed and passing through a screw-threaded bevel-  
wheel, means for revolving said bevel-wheels, rails for  
connecting said frames within the retort, and trays beneath  
said rails, substantially as and for the purposes specified, and  
illustrated in the drawings.  
(Specification, 4s.; drawings, 2s.)

No. 18548.—5th October, 1904.—ROBERT JAMES DICKIE, Postal Clerk, and JOHN HENRY BROWN, Photographer, both of Wellington, New Zealand. An improved machine for vending postage-stamps, tickets, or the like.\*

*Claims.*—(1.) In machines for vending postage-stamps or tickets, in combination, a spool loosely mounted in a containing-box upon which the stamps or tickets are wound in a continuous strip, a feeding-roller mounted beneath the spool on an axis parallel therewith, formed with teeth at regular intervals on its peripheral face adapted to enter corresponding punctures made in the strip of stamps or tickets, an aperture in the front of the box behind which the periphery of the feeding-roller passes, means whereby the roller may be given a partial rotation upon the insertion of a coin in a slot, and means whereby the strip of stamps or tickets may be divided from the roller through the aperture in the front of the box, substantially as described. (2.) In machines for vending postage stamps or tickets, in combination, a spool loosely mounted in a containing-box upon which the stamps or tickets are wound in a continuous strip, a feeding-roller mounted beneath the spool on an axis parallel therewith, formed with teeth at regular intervals on its peripheral face adapted to enter corresponding punctures made in the strip of stamps or tickets, parallel grooves formed circumferentially in the peripheral face of the roller, an aperture in the front of the box, a plate behind such aperture formed with upwardly extending teeth fitting into the grooves in the roller and curved outwards to the front of the aperture, and means whereby the roller may be given a partial revolution upon the insertion of a coin in a slot, substantially as described. (3.) In machines for vending postage-stamps or tickets, in combination, a spool loosely mounted in a containing-box upon which the stamps or tickets are wound in a continuous strip, a feeding-roller mounted beneath the spool on an axis parallel therewith, formed with teeth at regular intervals on its peripheral face adapted to enter corresponding punctures made in the strip of stamps or tickets, pegs projecting laterally from the side face of the roller and arranged at regular intervals apart, a bar extending inwards through the front of the box and provided with a spring pawl adapted to engage with such pegs, a two armed lever, one arm of which is normally kept in engagement with the pegs while the other arm forms the side of a coin-slot and is adapted to be turned to free the pegs on the insertion of a coin in the slot, and means whereby the strip of stamps or tickets may be diverted from the roller through an aperture formed in the front of the box, substantially as described.

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

No. 18572.—10th October, 1904.—BERTRAM GEORGE AIKEN HARKNESS, of Stratford, Taranaki, New Zealand, Engineer. An improved double-acting water-pump.\*

*Claims.*—(1.) A pump for the purpose indicated, consisting of the parts constructed, combined, arranged, and operated substantially as specified, and as illustrated in the drawings. (2.) For the purpose indicated, a pump-cylinder having water-passages terminating in semicircular ports formed in a flange. A valve-chest having a flange adapted to fit upon the flange of the pump-cylinder and having semicircular ports corresponding with the ports in the said flange of the pump-cylinder, substantially as specified and illustrated.

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

No. 18576.—11th October, 1904.—MATTHEW RYAN, of Cobden, Greymouth, Westland, New Zealand, Inventor. Improved plush for gold-saving.\*

*Claim.*—An improved plush for gold-saving purposes, having a series of longitudinal ribs projecting above the ordinary surface of the plush, said ribs being spaced apart, substantially as specified, and as illustrated in the drawing.

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

No. 18603.—17th October, 1904.—JOHN RUSSELL, of 12, Antigua Street, Christchurch, New Zealand, Cooper. Improved machine for rounding, chamfering, and trueing the heads of casks, kegs, or barrels.\*

*Claims.*—(1.) A machine for the purpose indicated, consisting of the parts arranged, combined, and operating substantially as specified, and as illustrated in the drawing. (2.) For the purpose indicated, in combination, a revolvably mounted spindle, a clamp-plate fixed thereon, a corresponding clamp-plate revolvably mounted upon the end of an adjustable screwed spindle co-axial with the said spindle, and an adjustable circular saw revolvably mounted outside the circumferential periphery of said clamp-plates, with

means for revolving the clamp-plates and said circular saw, substantially as specified and illustrated. (3.) For the purpose indicated, in combination, a revolvably mounted spindle, a clamp-plate fixed thereon, a corresponding clamp-plate revolvably mounted upon the end of an adjustable screwed spindle co-axial with the said spindle, and a cutter-head provided with knives, with means for adjusting the position of said cutter-head in relation to the periphery of the said clamp-plates for the purpose of trueing up the circumferential periphery of a cask-head fixed between said clamp-plates, with means for revolving the clamp-plates and the cutter-head, substantially as specified and illustrated. (4.) For the purpose indicated, in combination, a revolvably mounted spindle, a clamp-plate fixed thereon, a corresponding clamp-plate revolvably mounted upon the end of an adjustable screwed spindle co-axial with the said spindle, an adjustable circular saw revolvably mounted outside the circumferential periphery of said clamp-plates, and a cutter-head provided with knives, with means for adjusting the position of said cutter-head in relation to the periphery of the said clamp-plates for the purpose of trueing up the circumferential periphery of a cask-head fixed between said clamp-plates, with means for revolving the clamp-plates, circular saw, and cutter-head, substantially as specified and illustrated.

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

No. 18608.—18th October, 1904.—CHARLES PURNELL PARKERSON, of Thames, Auckland, Canvasser. Improved receptacle for perishable condiments, comestibles, and the like.\*

*Claims.*—(1.) An improved receptacle for perishable condiments, comestibles, and the like, consisting of the parts constructed, arranged, combined, and operated substantially as specified. (2.) For the purpose indicated, in combination, apparatus in which a receptacle having collapsible walls and an orifice through which the contents may be discharged is carried within a stand whereby the said receptacle is in position convenient for use, with means operable from the outside of the stand whereby the collapsible receptacle may be squeezed to force out some of its contents, substantially as specified.

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

No. 18670.—28th October, 1904.—ROBERT HAYLOCK OWEN, of Wellington, New Zealand, Lieut.-Colonel N.Z.M. An improved appliance for use in calculating distances, the same being particularly applicable for use in range-finding for artillery or rifle shooting.\*

*Claims.*—(1.) In appliances for use in calculating distances, a base-plate the back end of which is provided with a sight, an arm extending longitudinally along the top face of the base-plate and pivoted at its fore end to the base-plate, a mirror carried in a vertical position upon the fore end of the arm and adjustable to an angle of approximately 45° with the centre line of the arm, a pointer arm pivoted upon the back end of the base-plate and connected to the free end of the first arm so as to be adapted to be operated thereby, and scale markings upon the base-plate over which the pointer arm is adapted to move, substantially as specified. (2.) In appliances for use in calculating distances, a base-plate the back end of which is turned up at right angles and is provided with a sighting aperture, an arm pivoted to the fore end of the base-plate and extending longitudinally along its top face, a pointer arm operated by the free end of such arm, scale markings upon the base-plate over which the pointer arm moves, means whereby the first arm may be moved to either side upon its pivot, and a mirror mounted in a vertical position in a frame pivoted upon the fore end of the arm, substantially as specified. (3.) The general arrangement, construction, and combination of parts in my improved appliances for use in calculating distances, the same being particularly applicable for use in range-finding for artillery or rifle shooting, substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 18931.—10th January, 1905.—HENRY CHARLES CIANTAR, Engineer, and UMBERTO CIANTAR, Merchant, both of 9 and 10, Great Tower Street, London, England. Improvements in extracting gold from solution in water.\*

*Claims.*—(1.) The process of extracting gold from water containing it by passing the water through a vessel containing mercury, and agitating the mercury so as to secure intimate contact with the water, substantially as described. (2.) The process of extracting gold from water containing it

by passing the water through a vessel containing mercury, and agitating the mercury so as to secure intimate contact with the water, and then passing the water into settling-tanks to save any mercury carried over, substantially as described. (3.) In the processes described in claims 1 and 2, the use of the special arrangement for delivering the water in which the lower part of the delivery-pipe fits into a revolving box having two or more outlet-pipes which deliver the water into an annular groove in the vessel containing mercury, the whole proportioned and arranged substantially as described. (4.) In the processes described in claims 1 and 2, the use of the automatically actuated cut-off settling-tanks, substantially as described. (5.) In the processes described in claims 1 and 2, the use of the special apparatus described in claims 3 and 4.

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

No. 19324.—10th April, 1905.—JANET KING, of Queen's Chambers, Wellington, New Zealand, Inventor. An improved busk-protector and abdominal support.\*

*Claim.*—An attachment for corsets, the same consisting essentially of a piece of stiff resilient material the top end of which is formed with a long neck portion and is adapted to be secured beneath the busks of the corsets, while the lower end is widened out and curved inwards, and depends beneath the front edge of the corset, substantially as and for the purposes specified.

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

No. 19371.—19th April, 1905.—JOHN MILTON TOFT, of Karaka, Drury, Auckland, New Zealand, Farmer. An improved pneumatic horse-collar.

*Claims.*—(1.) A pneumatic horse-collar constructed, arranged, and operating substantially as specified and illustrated. (2.) A pneumatic horse-collar comprising, in combination, the two metal parts bent into concave section hinged together at their lower ends and adjustably connected at their upper ends, waterproofed material secured over each part, and inflatable cushions, one for each part, carried within the space between the part and its waterproof covering, substantially as specified and illustrated.

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

No. 19432.—5th May, 1905.—WILLIAM EDWARDS and THEO LARSEN, both of Waikino, Ohinemuri, New Zealand, Carpenters. Improvements in and relating to removable window-sashes.

*Claim.*—In combination with a window having hinged stops and removable parting-beads, of a sash attached to sash-cords by means of a socket upon the end of each sash-cord, said socket having an integrally formed loop threaded upon the end of a hook carried in a recess in the sash-frame, and secured therein by a staple driven into the sash, whereby the sash may be readily reversed, substantially as set forth.

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

No. 19569.—7th June, 1905.—JOHN FREDERICK LIEBEN-TRITT, of Cumberland Pottery, Bankstown, near Sydney, New South Wales, Australia, Pottery and Tile Manufacturer. Improvements in multitubular steam boilers.

*Claims.*—(1.) In steam boilers, as set forth, the combination with the shell or barrel of the forward end tube-plate set slightly within the same, and a flue-plate set outwardly of said tube-plate, and forward and backward flues surrounding said barrel, substantially as described and explained. (2.) In steam boilers, as set forth, the combination with the shell or barrel and forward and backward flues surrounding the same of doors or closures on the back end of said tubes within the fire-box or furnace, substantially as described and explained. (3.) In steam boilers, as set forth, the combination with forward and backward flues surrounding the shell or barrel of an entrance or passage from the last said flue to a smoke-box or to under a chimney or discharge-flue, substantially as described and explained. (4.) In steam boilers, as set forth, the combination with forward and backward flues surrounding the shell or barrel of a water-passage connected to said barrel surrounding said flues, substantially as described and explained. (5.) The construction of steam boiler and forward and backward flues surrounding the shell or barrel thereof, substantially as described and explained, and as illustrated in Figs. 1 to 6 of the drawings. (6.) The con-

struction of steam boiler and forward and backward flues surrounding the shell or barrel thereof, substantially as described and explained, and as illustrated in Figs. 7 to 10 of the drawings. (7.) The construction of steam boiler and forward and backward flues surrounding the shell or barrel thereof, substantially as described and explained, and as illustrated in Figs. 11, 12, and 13 of the drawings. (8.) The construction of steam boiler and forward and backward flues surrounding the shell or barrel thereof, substantially as described and explained, and as illustrated in Figs. 14, 15, and 16 of the drawings. (9.) The construction of steam boiler and forward and backward flues and water-chamber surrounding the shell or barrel thereof, substantially as described and explained, and as illustrated in Figs. 17, 18, and 19 of the drawings.

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

No. 19583.—8th June, 1905.—THOMAS NORRIE HORSLEY, of Christchurch, New Zealand, Manufacturer. Improvements in and connected with the manufacture of artificial stone.

*Claims.*—(1.) For the purpose indicated, treating artificial-stone blocks consisting of a siliceous material and lime in combination with steam impregnated with alkaline salts in suspension, as specified. (2.) The process of hardening artificial-stone blocks made of a siliceous material and lime, which consists in first placing the blocks in a steamtight chamber to which steam under pressure is admitted so as to play upon an alkaline salt, and then subjecting the blocks to steam-pressure with the salt in suspension with the steam, as specified.

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

No. 19652.—26th June, 1905.—JAMES DUNBAR, of Invercargill, New Zealand, Engineer. Improved flax-stripper attachment.

*Claim.*—The combination of a sleeve made to slide suitably in a chair of a flax-stripping machine, and capable of holding the beater-bar and acting at one end against a suitable spring to insure automatic adjustment during work of the stripping-drum and said bar, substantially as shown in plans and described in specification.

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

No. 19655.—1st July, 1905.—HENRY DUNDAS MACKENZIE, of Levin, Wellington, New Zealand, Medical Practitioner. Improved method or process and apparatus for the production of fibre from flax and the like.

*Extract from Specification.*—This invention relates to the production of fibre from flax-blades, especially from *Phormium tenax*, and has for its object the production of a better quality of flax and the cheapening of the cost of manufacture. The blades are first passed through an ordinary stripper, or some analogous machine, by which the greater part of the vegetable matter is removed from the fibre, which is then washed in hot or cold water to remove as much of the vegetable matter as possible. The hanks of fibre are then placed in a tank containing a solution of one of the oxy-chlorides, by which bleaching is effected. The fibre when bleached is washed, and, for the purpose of removing any oxy-chloride or chloride which may remain in it, is placed in another tank containing an anti-chlor until all free chlorine or oxy-chloride has been removed. The fibre is then washed in running water and dried, when it is ready for the scutching operation. In apparatus which I have devised for carrying my invention into practice, oxy-chloride is produced by passing an electric current through a solution in water of common salt or other alkaline chloride. The oxy-chloride solution is led through one or a plurality of bleaching-tanks, and returned to be reacted upon by the electric current.

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

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

No. 19661.—3rd July, 1905.—HARRY SAMUEL BURLEY, of Chicago, Illinois, United States of America, Machinist. Sheep-shears.

*Extract from Specification.*—My invention relates to sheep-shears, and its objects are to provide ball-bearings for the vibrator; to enclose these bearings and the rear portion of the vibrator in an oil-filled dust-proof case; to so construct

the cutters and parts imparting motion thereto that they will always wear evenly and bear flat upon the comb and will avoid rattling.

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

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

No. 19663.—3rd July, 1905.—TOM SCOTT ANDERSON, of Royal Insurance Buildings, Sheffield, England, Consulting Engineer. Improvements in the method of and apparatus for the smelting of ores, ironsand, and the like, and its subsequent conversion into steel or other metals or alloys.

*Claims.*—(1.) The improved process of and apparatus for electrically smelting ores, ironsand, and the like, constructed, arranged, and operating as described. (2.) An electrical smelting-furnace provided with electrodes I<sup>1</sup> and I<sup>2</sup> acting in combination with electro-magnets K<sup>1</sup> and K<sup>2</sup>, constructed and operating as described and substantially as shown. (3.) In an electrical smelting-furnace having the electrodes and electro-magnets claimed in claim 2, the use of a central electrode L, as described and shown. (4.) The general arrangement and construction of an electrical smelting-furnace for reducing ironsand, pulverised ores, and the like, characterized by the use of vertically adjustable electrodes which enter the furnace, and electro-magnets located in vertical line with the said electrodes below the floor of the furnace, as described and substantially as shown.

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

No. 19665.—3rd July, 1905.—SALO WOHLER, of 22, Great Russell Street, London, England, Chemist. An improved detergent for scouring wool.

*Claims.*—(1.) A detergent for scouring wool made from a decoction of a vegetable material yielding mucilage and saponin or an extract containing saponin, substantially as described. (2.) A detergent for scouring wool made substantially as described.

(Specification, 2s.)

No. 19666.—3rd July, 1905.—ROBERT CHARLES LOWRY, of General Delivery, Seattle, Washington, United States of America, Gentleman. Improvements in devices for magnetically increasing the adhesion between truck-wheels and the rails upon which they roll.

*Extract from Specification.*—Whatever construction is used it is desirable that the wheels and pole-pieces be held close together but not in actual contact, so that the magnetic lines of force induced by the passage of the electric current through the coil may meet with the least possible reluctance in completing the magnetic circuit. By maintaining a slight air-gap I prevent the friction which would be produced by actual contact between pole-piece and wheel. I am thus enabled to secure efficiency and simplicity in the device and avoid constructions which are liable to get out of order. For the efficient use of my invention a magnetizable axle is unnecessary, as the axle does not form a part of the magnetic circuit, and I aim at preventing the magnetic flux from reaching the axle and thereby being dissipated to any extent; and, further, I endeavour to pass the magnetic flux into the wheel as near as practicable to the tread of the latter, and thus insure its entry to the rail at the point of contact of the latter with the wheel. In my invention the magnet-core does not embrace the axle at any point, and thus I altogether avoid the disadvantage due to cutting-action of malleable iron or steel moving in contact with similar metal.

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

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

No. 19668.—3rd July, 1905.—MERGENTHALER LINOTYPE COMPANY, a corporation having their principal place of business at Tribune Building, 154, Nassau Street, New York, United States of America (assignees of Fred Eugene Bright, of 1814, Spring Garden Street, Philadelphia Pennsylvania, United States of America, Engineer). Improvement in linotype machines.

*Extract from Specification.*—The general operation of the machine is substantially as follows: The matrices A are released from the machine C through the operation of the escapement E, which are suitably connected to the finger-keys F. Similarly, the spacers B are released from the spacer-magazine G by an escapement connected to the spacer-key H. The matrices A pass through the delivery-chute D to the channel I, where they are assembled with

the spacers B in proper order to form the words of a line. The starting-lever U is then manipulated, and the matrices and spacers are transferred to the casting-position within the spacer-device J, where they are aligned, justified, and locked in position. The mold-frame K and pot L advance, and the slug Z is cast. The matrices are then unlocked, and the device J removes the spacers from the line and they are restored to the magazine G. The matrices are transferred to the elevator, which is moved along the bar N by the chain M, and carried to the top of the machine. The matrix-shifter moves them into position to engage the distributor-bar Q, along which they are carried by the chain P and restored to their proper channels in the magazine C. During these latter operations the mold-frame K turns outwardly, and the base of the slug is trimmed by the knife R. The ejector-blade S then moves the slug Z so that it projects slightly from the mold-slot, in which position it is trimmed on its upper and lower front edges by the knives T, T'. The blade S then ejects the slug Z, which is received by the slug-assembling devices and delivered in proper position in the galley Y.

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

(Specification, £2 10s. ; drawing, £1 3s.)

No. 19682.—5th July, 1905.—JOHN CHISHOLM, of Kalgoorlie, Western Australia, Metallurgist. Sluice-discharge construction of filter-presses.

*Extract from Specification.*—The improvements essentially consist in forming the underside of each hollow frame of the filter-press with an opening or port for the downward discharge of the residue, such port being opened or closed by a hinged door, which latter is controlled by locking-lever. The invention further consists in the water-supply pipe being adapted to be raised, rotated, and lowered so as to effect the sluicing process.

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

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

No. 19683.—6th July, 1905.—THOMAS EDWARDS, of Ballarat, Victoria, Australia, Metallurgist. Improvements in tilting ore-roasting furnaces.

*Extract from Specification.*—I combine with the tilting-furnace multiple rows of rables, and this permits of short armed rables being used, a matter of importance, for the reasons aforesaid, and for others notable in tilting-furnace practice. The invention comprises other features novel in the "Edwards" tilting-furnace, having the effect of economizing much heat hitherto wasted, the result being greater output on less consumption of fuel. This furnace may now be of any width and capacity; it will be set to work horizontally or at an incline, being adjusted to accommodate all classes and grades of ores; and a rapid and a more perfect roast is promoted than formerly.

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

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

No. 19684.—6th July, 1905.—RICHARD HENRY COOKE, a member of the firm of Bedgood and Company, of Nos. 172-174, Flinders Lane, Melbourne, Victoria, Australia, Boot and Shoe Warehousemen. An improved boot-upper.

*Claims.*—(1.) An improved boot-upper having a comparatively long narrow tongue or strap cut in the back thereof and used as a reinforcing piece, substantially as described. (2.) An improved boot-upper having a comparatively long narrow tongue or strap cut in the back thereof, with slightly convex sides, and used as a reinforcing piece, substantially as described. (3.) An improved boot-upper having a comparatively long narrow tongue or strap cut in the back thereof, with sides converging towards their lower ends, and used as a reinforcing piece, substantially as described.

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

No. 19737.—15th July, 1905.—HENRY CARLSON, of Dannevirke, New Zealand, Sawmiller. An improved hobble.

*Claim.*—In the construction of hobbles, a strap adapted to be secured round one leg of the animal at a point above the knee and having an extended free end, in combination with a second strap adapted to be secured round the other leg and

provided with a buckle adapted to receive the free end of the first strap, substantially as specified and as illustrated in the drawings.  
(Specification, 2s.; drawing, 1s.)

No. 19789.—19th April, 1905.—EDWARD VERNON JONES, of 183, Gloucester Street, Christchurch, New Zealand, Importer. Improved advertising-device.

*Claims.*—(1.) For the purpose indicated, frames having members U-shaped in cross section, the end members having their ends closed together and fitted within the top and bottom members, perforated rivets through the upper and lower members and the end pieces, chains uniting the frames, cardboard backing fitted within the frames, and cardboard slips adapted to spring into the frames and lie flat against the cardboard backing, substantially as specified. (2.) An improved advertising-device consisting of the parts arranged, combined, and operating substantially as specified, and as illustrated in the drawing.  
(Specification, 2s.; drawing, 1s.)

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

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

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

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

F. WALDEGRAVE,  
Registrar.

*Provisional Specifications accepted.*

Patent Office,  
Wellington, 9th August, 1905.

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

- No. 19324.—J. King, busk-protector.
- No. 19619.—R. Newman, gas-holder for limelight purposes.
- No. 19677.—J. Robinson and W. Stocks, tire.
- No. 19697.—J. Baxter, sash raiser and lock.
- No. 19709.—A. J. Border, station-indicator.
- No. 19734.—J. Davis, making oakum from tow.
- No. 19736.—F. Barrow, upholstering furniture, &c. (Novelty Tufting Company—A. Freschl.)
- No. 19742.—T. Danks, belt-shifter.
- No. 19748.—T. R. Moses, draught and dust excluder.
- No. 19754.—J. Dunbar, verandah-column.
- No. 19774.—E. L. Baggstrom, boiler feed-water heater.
- No. 19779.—J. Rigg, book-support.
- No. 19782.—A. and F. J. Lawrence, egg-carrier.
- No. 19788.—D. Robertson, tab e game.
- No. 19790.—L. H. Carroll, S. Jacobs, and W. J. McIntosh, flying machine.
- No. 19791.—T. E. Jones, hamper-fastening.
- No. 19793.—H. Quertier, trolley-pole.
- No. 19794.—K. Lewis, puncture-repairing composition.
- No. 19797.—O. T. Madeley, horse-stopper.
- No. 19799.—N. R. Gordon, aerial machine.
- No. 19801.—C. C. Lake, coat-ranger.
- No. 19805.—H. Norgrove, collecting sand and formation of sand-banks.
- No. 19806.—H. Norgrove, portable boiler.
- No. 19810.—P. Holt, street-sweeper.
- No. 19811.—J. Macalister, ridging-machine roller scraper.
- No. 19813.—C. Henry and E. J. Hatcher, candle-exinguisher.
- No. 19814.—J. H. Rigden, reversible steam-engine.
- No. 19816.—D. Krmptic, pea-shelling machine.
- No. 19818.—L. E. St. George, chimney-pot attachment.
- No. 19819.—A. H. Farmer, steam valve.
- No. 19824.—J. Ball and W. H. Bird, game.
- No. 19825.—J. Northey, hydraulic-ram valve.
- No. 19826.—A. Parker, mail-bag fastener.
- No. 19827.—W. T. Nuttall, branding-appliance.
- No. 19830.—O. T. Madeley, mail-bag fastener.
- No. 19831.—H. Quertier, tram-rail cleaner.
- No. 19832.—C. J. Petersen and D. R. Fisher, linotype-machine cleaner.
- No. 19834.—A. J. Way, hydrocarbon-gas vapour burner. (R. W. Stuart).
- No. 19836.—J. O'Donnell, milk-can attachment.

- No. 19837.—L. Healy, swingletree.
- No. 19840.—H. Quertier, two-way trolley-pole.
- No. 19841.—J. Pomeroy, newspaper file.
- No. 19842.—R. W. Lawrence, securing lamp-burner socket to lamp-bowl.
- No. 19843.—W. Philpott, spreader for trace-chains.

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

F. WALDEGRAVE,  
Registrar.

*Letters Patent sealed.*

LIST of Letters Patent sealed from the 26th July to the 9th August, 1905, inclusive:—

- No. 17657.—A. J. H. Burt, treatment of sheep-skins.
- No. 17745.—C. V. Jenkins, producing optical effects.
- No. 17797.—J. B. Hay and A. J. Daniel, treating of fall.
- No. 17816.—G. H. Fowler, bird-trap.
- No. 17831.—T. M. Dean and J. Harris, flooring-cramp.
- No. 18180.—I. Williams, game.
- No. 18357.—W. M. Richards, C. J. Cohen, and R. Thomas, earth-closet.
- No. 18528.—T. C. Hement, forming OG spouting.
- No. 18999.—H. Butters, wire-fastener.
- No. 19217.—The Cyanide Vacuum Filter Company, Limited, separation of liquids from solids (P. J. Ogle and R. K. Evans).
- No. 19265.—A. S. Patterson, centrifugal separator (Massey-Harris Company, Limited (C. H. Hackett and T. W. Morgan).
- No. 19275.—A. Artom, wireless telegraphy.
- No. 19276.—G. S. Mayhew, assembling machine for compo boards.
- No. 19311.—A. E. Davis, pump and pump-valve.

F. WALDEGRAVE,  
Registrar.

*Letters Patent on which Fees have been paid.*

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

SECOND-TERM FEES.

- NO. 13762.—J. Taylor, bicycle. 27th July, 1905.
- No. 13828.—J. W. Rooney, dust, &c., excluder for doors. 19th July, 1905.
- No. 13894.—J. W. G. Alford and B. C. Martin, window-ventilator. 31st July, 1905.
- No. 13922.—Dunlop Pneumatic Tire Company of Australia, Limited, tire-cover. (H. J. Doughty.) 3rd August, 1905.

THIRD-TERM FEES.

Nil.

F. WALDEGRAVE,  
Registrar.

*Subsequent Proprietors of Letters Patent registered.*

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

- NO. 15414.—Linotype and Machinery, Limited, of 188 and 189, Fleet Street, London, England. Machine for printing in gold, silver, &c., powders. (The Linotype Company, Limited.) [T. Hooley.] 3rd August, 1905.
- No. 18074.—Arthur Gainger and John Falkner, both of Singleton, in the State of New South Wales, Australia, Shoe-keepers. Boot or shoe heel. [H. B. Morrison.] 2nd August, 1905.
- No. 18545.—John William Wrigley, of Rotorua, in the Provincial District of Auckland, in the Colony of New Zealand, Architect, registered as proprietor of the whole of the interest of E. Elliott. Cleaning and sorting tow. [E. Elliott and A. J. Park.] 28th July, 1905.
- Nos. 18680 and 18795.—The Wellington Fresh Food and Ice Company, Limited, a company incorporated under an Act of the General Assembly of New Zealand, intitled "The Companies Act, 1903." Egg-carrier. [G. Finn and A. S. Pike.] 31st July, 1905.

No. 18852.—The Twin Safety-pin Company, of 328, Sansome Street, San Francisco, California, United States of America, Manufacturers. Safety-pin. (G. G. Turri—The Twin Safety-pin Company.) [A. Buckelew.] 3rd August, 1905.

F. WALDEGRAVE,  
Registrar.

*Request for Correction of Clerical Error allowed.*

THE request to correct clerical error in application for Letters Patent No. 17543—C. Nissen—separating dust from air (advertised in supplement to *New Zealand Gazette*, No. 53, of the 1st June, 1905), has been allowed.

F. WALDEGRAVE,  
Registrar.

*Application for Letters Patent withdrawn.*

APPLICATION for Letters Patent No. 18807—E. G. A. Hille—weed-eradicator (advertised in supplement to *New Zealand Gazette*, No. 98, of the 8th December, 1904), has been withdrawn.

F. WALDEGRAVE,  
Registrar.

*Applications for Letters Patent abandoned.*

LIST of applications for Letters Patent, with which provisional specifications only have been filed, abandoned (i.e., complete specifications not lodged) from the 27th July to the 9th August, 1905, inclusive:—

- No. 18502.—A. Parker, ballot-box.  
No. 18507.—R. Cleghorn and G. M. Nelson, disc and other ploughs.  
No. 18508.—G. W. Berry and J. J. Sneesby, rotary-can seaming-machine.  
No. 18509.—T. Ward, G. S. Sanders, and J. E. Ridgway, rabbit-extermination.  
No. 18510.—A. E. Langford, calliper and divider (G. C. Smith).  
No. 18513.—C. Johanson, potato-planter.  
No. 18514.—S. Nicolson, waterproofing leather.  
No. 18519.—J. M. Sibbit, roller for wire-gauze screen.  
No. 18521.—G. B. H. Austin, rifle-sight attachment.  
No. 18523.—W. H. Davey, cream-separator.  
No. 18524.—T. Ritchie, stop-cook.  
No. 18527.—J. Stevenson, tent.  
No. 18532.—J. Christie, pipe-joint.  
No. 18533.—G. S. Stevenson, furniture-drawers.  
No. 18534.—G. S. Stevenson, cork-seal.  
No. 18535.—G. S. Stevenson, clay-remover for dredge.  
No. 18540.—W. H. Ludford, illuminating trolley-wheel.  
No. 18542.—J. Ducker, jun., snatch-block.  
No. 18546.—G. B. H. Austin, wind-gauge for rifle.  
No. 18550.—E. M. McLauchlan, photographing images.  
No. 18551.—A. Falkner, drying milk.  
No. 18552.—J. M. Twomey, newspaper-folding machine.  
No. 18553.—W. R. J. Townsend, applying electric light to piano.  
No. 18556.—D. Moore, turnip, &c., sower.  
No. 18557.—T. C. Hement, forming sheet-iron ridging.  
No. 18558.—D. Robertson, envelope.  
No. 18559.—G. F. Moyle, music-leaf turner.  
No. 18560.—H. Smith and L. Homes, fire-escape.  
No. 18561.—G. Craw, washing flax.  
No. 18565.—J. D. Smith, dressing flax.  
No. 18566.—W. S. Grant, shaft-stop.  
No. 18568.—E. Sprey and F. Spray, hook-and-eye.  
No. 18569.—H. Kitchin and A. Patten, strap-lock.  
No. 18570.—F. G. Norton, egg-carrier.  
No. 18571.—P. and D. Duncan, Limited, turnip-puller (G. Vucetich).  
No. 18574.—T. Hemming and J. Lock, curtain-hook.  
No. 18575.—H. P. Knutzen, W. A. Elwarth, and G. R. Buscke, racing-hurdle.

F. WALDEGRAVE,  
Registrar.

*Applications for Letters Patent void.*

APPLICATIONS for Letters Patent, with which complete specifications have been lodged, void, owing to non-acceptance of such complete specifications, from the 27th July to the 9th August, 1905, inclusive:—

Nil.

F. WALDEGRAVE,  
Registrar.

*Applications for Letters Patent lapsed.*

LIST of applications lapsed owing to Letters Patent not being sealed, from the 27th July to the 9th August, 1905, inclusive:—

- No. 17507.—A. Parker, dust-excluder.  
No. 17518.—F. H. Howard, out-rigger for vehicle.  
No. 17527.—B. Crawford, engine-silencer.  
No. 17534.—J. Snowden, bullock bow key.

F. WALDEGRAVE,  
Registrar.

*Letters Patent void.*

LETTERS Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 27th July, 1905, to the 9th August, 1905, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 13564.—E. J. Paton and W. A. A. Woods, cleaning ship's hull.  
No. 13570.—J. M. Taylor and H. Oakley, flushing-cistern.  
No. 13576.—F. G. Benson, sprayer.  
No. 13577.—A. Hayes, oil-vaporiser.  
No. 13578.—G. A. Taylor, fibrous plaster (A. Knox).  
No. 13585.—R. Chambers, hoist.  
No. 13594.—H. M. Sutton and W. L. Steele, separating conductive from non-conductive substances.  
No. 13595.—T. H. Hicks and S. R. Alden, arsenic-ore treatment.  
No. 13600.—W. McDermott, screening crushed ore.  
No. 13601.—L. Grote, bottle-making machine.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

Nil.

THROUGH EXPIRY OF TERM.

- No. 5117.—The Maskelyne Typewriter and Manufacturing Company, Limited, typewriter (C. W. Wilson—J. N. Maskelyne, and J. N. Maskelyne, jun.).

F. WALDEGRAVE,  
Registrar.

*Applications for Registration of Trade Marks.*

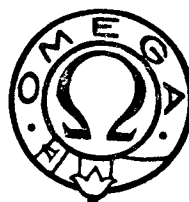
Patent Office,  
Wellington, 9th August, 1905.

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: 5132.

Date: 25th January, 1905.

TRADE MARK.



NAME.

LA SOCIÉTÉ ANONYME "LOUIS BRANDT ET FRÈRE," of Usines de la Gurzelen, Bienne, Switzerland, Watch and Clock Manufacturers.

No. of class: 10.

Description of goods: Watch-movements, caps of watches, frames of watches.



No. of application : 5150.  
Date : 2nd February, 1905.

TRADE MARK.



The essential particulars of this trade mark are a distinctive device and facsimile signature; and any right to the exclusive use of the words "Pale Ale," "Bottled by" is disclaimed.

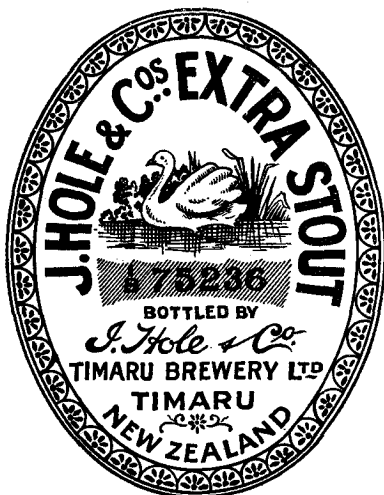
NAME.

J. HOLE AND Co. (TIMARU BREWERY), LIMITED, of Timaru, in the Colony of New Zealand, a Brewery Company.

No. of class : 43.  
Description of goods : Ale, in draught and bottles.

No. of application : 5151.  
Date : 2nd February, 1905.

TRADE MARK.



The essential particulars of this trade mark are a distinctive device and facsimile signature; and any right to the exclusive use of the words "Extra Stout," "Bottled by" is disclaimed.

NAME.

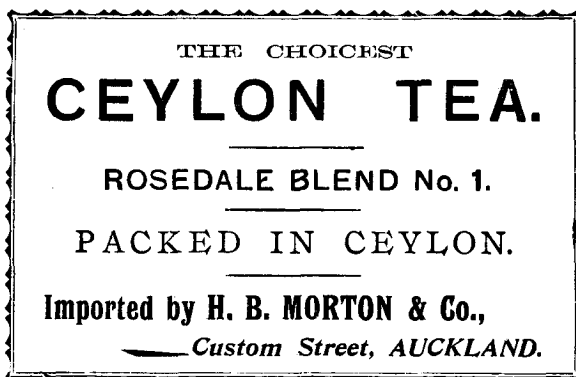
J. HOLE AND Co. (TIMARU BREWERY), LIMITED, of Timaru, in the Colony of New Zealand, a Brewery Company.

No. of class : 43.  
Description of goods : Stout, in draught and bottles.

B

No. of application : 5315.  
Date : 1st June, 1905.

TRADE MARK.



The essential particular of this trade mark is the word "Rosedale"; and applicant disclaims any right to the exclusive use of the added matter, except the name and address.

The applicant claims that the said trade mark has been in use by him in respect of the article mentioned for past sixteen years.

NAME.

EDWARD MORTON, Merchant, Customs Street, Auckland, in the Colony of New Zealand, trading as "H. B. Morton and Co."

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

No. of application : 5331.  
Date : 13th June, 1905.

TRADE MARK



NAME.

A. J. ENTRICAN AND Co., LIMITED, of Customs and Gore Streets, Auckland, New Zealand, Importers and General Merchants.

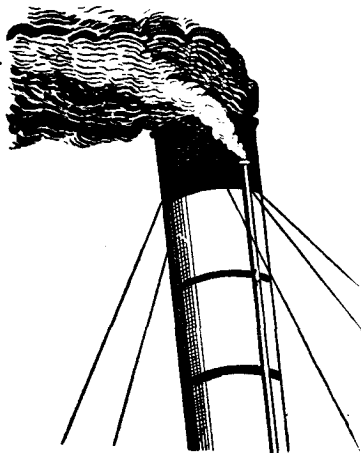
No. of class : 42  
Description of goods : Teas, coffees, cocoas, cereals, pulses, dried and canned fruits and vegetables, salt, spices, arrow-root, coconut, sugars, confectionery, rice, pickles, vinegar, sauces, health foods, baking, egg, and custard powders.

No. of application : 5352.

Date : 27th June, 1905.

TRADE MARK.

# RED FUNNEL



NAME.

PHILIPS AND PIKE, of Wellington, in the Colony of New Zealand.

No. of class : 45.

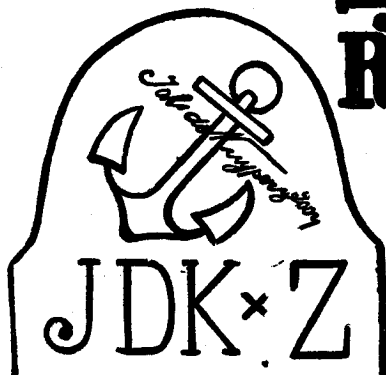
Description of goods : Tobacco, whether manufactured or unmanufactured.

No. of application : 5354.

Date : 28th June, 1905.

TRADE MARK.

JOHN DE KUYPER & SON  
ROTTERDAM



NAME.

JOHN DE KUYPER AND SON, of Rotterdam, Holland.

No. of class : 43.

Description of goods : Geneva.

No. of application : 5355.

Date : 28th June, 1905.

TRADE MARK.

*John de Kuyper & Son*

NAME.

JOHN DE KUYPER AND SON, of Rotterdam, Holland.

No. of class : 43.

Description of goods : Geneva.

No. of application : 5398.

Date : 19th July, 1905.

TRADE MARK.



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

NAME.

SIMMONS HARDWARE COMPANY, a corporation of the State of Missouri, United States of America, and located at Ninth and Spruce Streets, St. Louis, State of Missouri, United States of America.

No. of class : 1.

Description of goods : Paints and varnishes.

No. of application : 5404.

Date : 20th July, 1905.

TRADE MARK.



The essential particular of the trade mark is as follows : The distinctive label; and any right to the exclusive use of the added matter is disclaimed.

NAME.

CHANDON ET CIE, successors to Moët et Chandon, of Epernay (France), Champagne-wine Growers and Shippers.

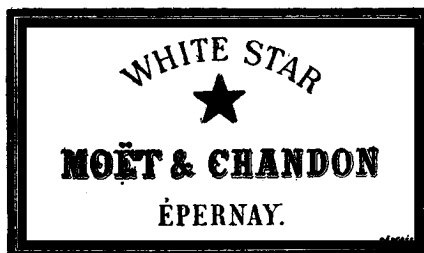
No. of class : 43.

Description of goods : Champagne.

No. of application : 5405.

Date : 20th July, 1905.

TRADE MARK.



The essential particular of the trade mark is as follows : The distinctive label; and any right to the exclusive use of the added matter is disclaimed.

NAME.

CHANDON ET CIE, successors to Moët et Chandon, of Epernay (France), Champagne-wine Growers and Shippers.


No. of class : 43.

Description of goods : Champagne.

No. of application : 5409.

Date : 22nd July, 1905.

TRADE MARK.

**PATENT PROCESS**  
**FINEST**  
**SILVER**   
**CLOUD**  
**QUALITY**  
**ROLLER FLOUR**

The essential particulars of this trade mark are the words specified in the above representation—namely, the words "Silver Cloud"; and any right to the exclusive use of the added matter is disclaimed.

## NAME.

WOOD BROS., LIMITED, of Christchurch, in the Colony of New Zealand, Millers and Grain Merchants.

No. of class: 42.

Description of goods: Flour.

No. of application: 5410.

Date: 22nd July, 1905.

## TRADE MARK.

PATENT  
 ROTARY PROCESS  
 ★ WOOD ★  
 ROLLER FLOUR  
 IMPERIAL

The essential particulars of this trade mark are the word "Imperial" and the surname "Wood" with star on right and left sides of same; and applicants disclaim any right to the exclusive use of any added matter, save and except their name.

The applicants claim that the said trade mark has been in use by them in respect of the article mentioned from the year 1889.

## NAME.

WOOD BROS., LIMITED, of Christchurch, in the Colony of New Zealand, Millers and Grain Merchants.

No. of class: 42.

Description of goods: Flour.

No. of application: 5420.

Date: 25th July, 1905.

## TRADE MARK.

The word

BANZAI.

## NAME.

WILLIAM ROBINS, of Queen Street, in the City of Auckland, in the Colony of New Zealand, Chemist and Druggist.

No. of class: 3.

Description of goods: Medicines.

No. of application: 5421.

Date: 26th July, 1905.

## TRADE MARK.

The word

EKONA.

## NAME.

MATTHEW HENRY WILTON, of 47, River Bank, Wanganui, in the Colony of New Zealand.

No. of class: 3.

Description of goods: Patent medicines.

No. of application: 5422.

Date: 7th August, 1905.

## TRADE MARK.

The word

ROSOTTO.

## NAME.

CYRIL WINCOTE PRICE, of Lower High Street, Christchurch, New Zealand, Chemist.

No. of class: 48.

Description of goods: Toilet articles, such as skin-cream, perfumed soap, &c.

No. of application: 5424.

Date: 1st August, 1905.

## TRADE MARK.



## NAME.

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

No. of class: 42.

Description of goods: Cocoa, chocolate, and other articles prepared from or containing the same, confectionery, biscuits, and commodities prepared from cocoa or chocolate.

No. of application: 5425.

Date: 1st August, 1905.

## TRADE MARK.

(The mark as shown in preceding notice No. 5132.)

## NAME.

LA SOCIÉTÉ ANONYME "LOUIS BRANDT ET FRÈRE," of Usines de la Gurzelen, Biemme, Switzerland, Watch and Clock Manufacturers.

No. of class: 13.

Description of goods: Watch-boxes made of ordinary metal.

No. of application : 5426.

Date : 1st August, 1905.

TRADE MARK.

(The mark as shown in preceding notice No. 5132.)

NAME.

LA SOCIÉTÉ ANONYME "LOUIS BRANDT ET FRÈRE," of Usines de la Gurzelen, Bienne, Switzerland, Watch and Clock Manufacturers.

No. of class : 14.

Description of goods : Watch-boxes made of precious metals and imitations of precious metals.

No. of application : 5428.

Date : 3rd August, 1905.

TRADE MARK.

The word

**OLSINA**

NAME.

MANDER BROS., of Wolverhampton, Staffordshire, England, Varnish and Paint Manufacturers.

No. of class : 1.

Description of goods : Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives.

No. of application : 5432.

Date : 4th August, 1905.

TRADE MARK.



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

NAME.

THE GUTTAPERCHA AND RUBBER MANUFACTURING COMPANY OF TORONTO, LIMITED, a company organized under the laws of the Province of Ontario, and having its head office at the City of Toronto, in the County of York, in said province, in the Dominion of Canada.

No. of class : 38.

Description of goods : Rubber or mackintosh clothing for people, vehicles, or animals; rubber boots and shoes.

No. of application : 5433.

Date : 4th August, 1905.

TRADE MARK.

(The mark as shown in preceding notice, No. 5432.)

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

NAME.

THE GUTTAPERCHA AND RUBBER MANUFACTURING COMPANY OF TORONTO, LIMITED, a company organized under the laws of the Province of Ontario, and having its head office at the City of Toronto, in the County of York, in said province, in the Dominion of Canada.

No. of class : 40.

Description of goods : Indiarubber belting, indiarubber vehicle and carriage cloths, insulating-wire or indiarubber insulating-materials, indiarubber druggists' sundries, indiarubber toys, balls, stamps, cushions, buckets, thread, and generally manufactures of indiarubber or gutta-percha, or in which they form a component part.

No. of application : 5434.

Date : 4th August, 1905.

TRADE MARK.

(The mark as shown in preceding notice, No. 5432.)

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

NAME.

THE GUTTAPERCHA AND RUBBER MANUFACTURING COMPANY OF TORONTO, LIMITED, a company organized under the laws of the Province of Ontario, and having its head office at the City of Toronto, in the County of York, in said province, in the Dominion of Canada.

No. of class : 50.

Description of goods : Indiarubber hose, including cotton, linen, silk, or ramie hose, packings, and mechanical indiarubber goods, and other manufactures of indiarubber, gutta-percha, and kindred goods.

F. WALDEGRAVE,  
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 27th July to the 8th August, 1905, inclusive :—

No. 4147; 5260.—Bing, Harris, and Co.; Class 38. (*Gazette* No. 42, of the 4th May, 1905.)

No. 4148; 5006.—The British Columbia Packers' Association; Class 42. (*Gazette* No. 95, of the 24th November, 1904.)

No. 4149; 4799.—M. F. Bourke; Class 47. (*Gazette* No. 59, of the 7th July, 1904.)

No. 4150; 4800.—M. F. Bourke; Class 47. (*Gazette* No. 59, of the 7th July, 1904.)

No. 4151; 5229.—Lever Bros., Limited; Class 47. (*Gazette* No. 38, of the 20th April, 1905.)

No. 4152; 5230.—Lever Bros., Limited; Class 48. (*Gazette* No. 38, of the 20th April, 1905.)

No. 4153; 5258.—The Acetylene Gas Company of Australasia, Limited; Class 4. (*Gazette* No. 42, of the 4th May, 1905.)

No. 4154; 5254.—E. Peters; Class 3. (*Gazette* No. 46, of the 18th May, 1905.)

No. 4155; 5290.—W. A. Anderson; Class 42. (*Gazette* No. 46, of the 18th May, 1905.)

No. 4156; 5296.—J. Buchanan and Co., Limited; Class 43. (*Gazette* No. 46, of the 18th May, 1905.)

No. 4157; 5093.—J. Myers and Co.; Class 50. (*Gazette* No. 46, of the 18th May, 1905.)

No. 4158; 5152.—St. Charles Condensing Company; Class 42. (*Gazette* No. 46, of the 18th May, 1905.)

No. 4159; 5279.—Jameson, Anderson, and Co; Class 42. (Gazette No. 46, of the 18th May, 1905.)

No. 4160; 5272.—W. Scouler and Co.; Class 42. (Gazette No. 46, of the 18th May, 1905.)

No. 4161; 4987.—J. Nathan and Co., Limited; Class 42. (Gazette No. 95, of the 24th November, 1904.)

No. 4162; 5308.—W. H. Vowles and Sons; Class 50. (Gazette No. 53, of the 1st June, 1905.)

F. WALDEGRAVE,  
Registrar.

*Subsequent Proprietor of Trade Mark registered.*

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

**N**OS. 2683/2159 and 2684/2160.—W. R. Gregg and Company, Limited, of Rattray Street, Dunedin, New Zealand (H. W. Howrth). 3rd August, 1905.

F. WALDEGRAVE,  
Registrar.

*Trade Mark Renewal Fees paid.*

**F**EES paid for the renewal of the undermentioned trade marks:—

For fourteen years from the date first mentioned.

No. 168/134.—23rd January, 1905.—F. Levic, of Sydney, New South Wales. 3rd August, 1905.

No. 267/314.—3rd August, 1905.—J. Mendelsohn, of Dunedin, New Zealand. 1st August, 1905.

No. 296/239.—24th August, 1905.—Lea and Perrins, of Worcester, England. 27th July, 1905.

No. 301/319.—25th August, 1905.—J. Hennessy and Co., of Cognac, France. 27th July, 1905.

No. 303/244.—28th August, 1905.—J. Hennessy and Co., of Cognac, France. 27th July, 1905.

No. 336/257.—12th October, 1905.—H. E. Shacklock, of Dunedin, New Zealand. 31st July, 1905.

F. WALDEGRAVE,  
Registrar.

*Trade Marks removed from the Register.*

**T**RADe Marks removed from the Register, owing to the non-payment of the renewal fees, from the 26th July to the 9th August, 1905, inclusive:—

No. 205/173.—27th April, 1891.—T. Pease, Son, and Co., of Darlington, England.

No. 206/165.—29th April, 1891.—W. Todd, of Auckland, New Zealand.

F. WALDEGRAVE,  
Registrar.

*Restoration of Trade Mark to the Register.*

**T**HE following trade mark has been restored to the Register:—

No. 168/134.—F. Levic, of Sydney, New South Wales.

F. WALDEGRAVE,  
Registrar.

*Advertisements.*

**A**DVERTISEMENTS 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.

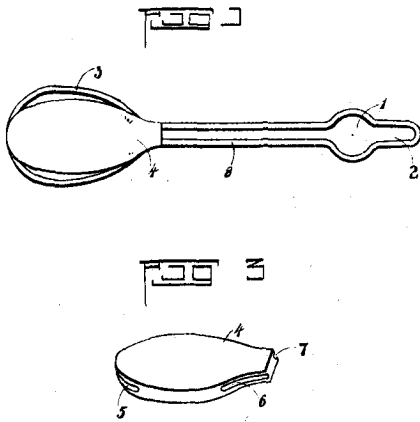
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

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.

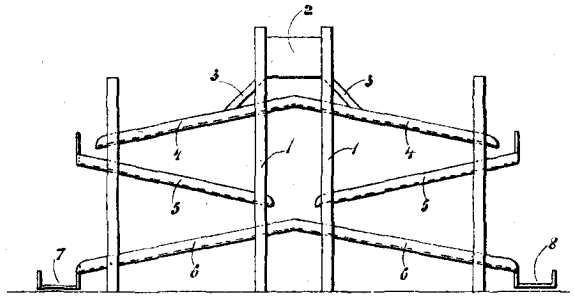
By Authority: JOHN MACKAY, Government Printer, Wellington.

# ILLUSTRATIONS OF INVENTIONS.

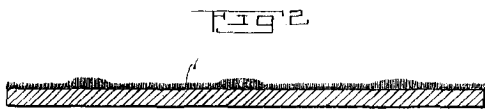
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



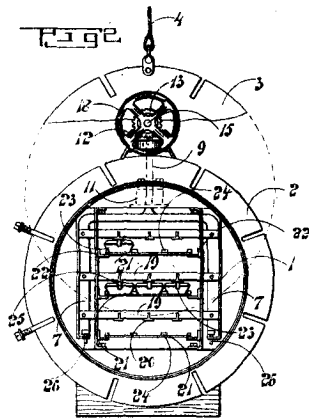
18411  
Stringfellow. Button-hook.



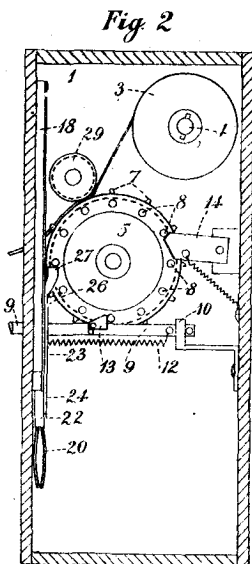
18434  
Ryan. Gold-saving Apparatus.



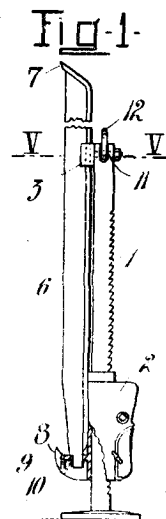
18576  
Ryan. Gold-saving Plush.



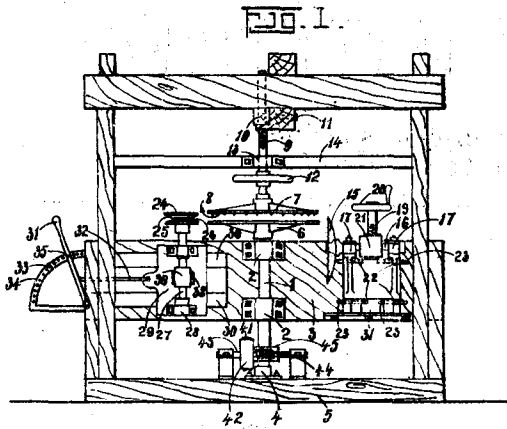
18456  
Cl'ch Meat Company (Limited). Securing Tin-cover.



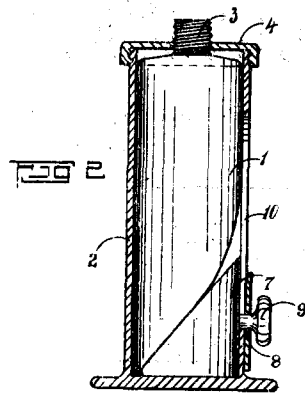
18548  
Dickie and Another. Stamp-vendor.



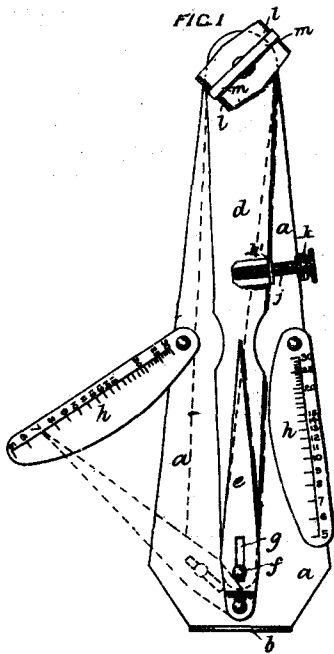
18435  
B. and W. Trewheella. Lever-jack.



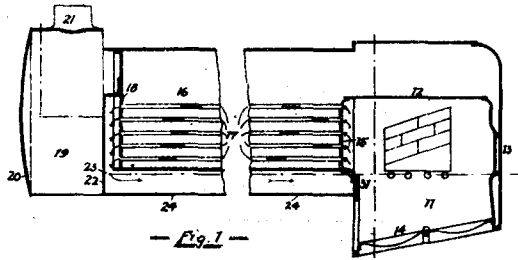
18603  
Russell. Cask-head Former.



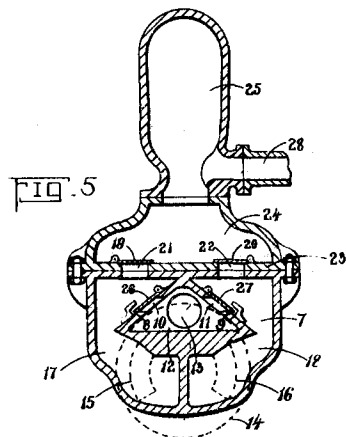
18608  
Parkerson. Condiment-receptacle.



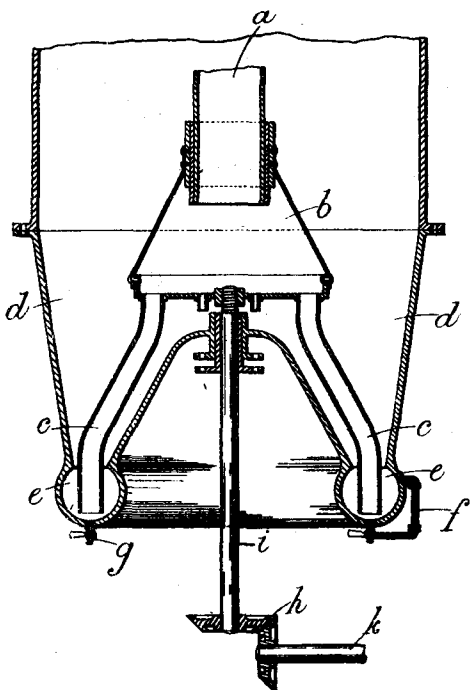
18670  
Owen. Range-finder.



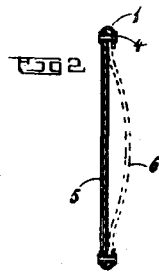
19569  
Liebentritt. Steam Boiler.



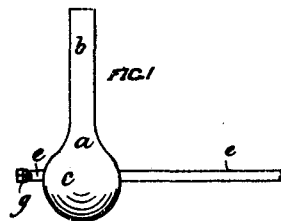
18572  
Harkness. Pump.



18881  
Ciantar and Another. Gold Extraction.

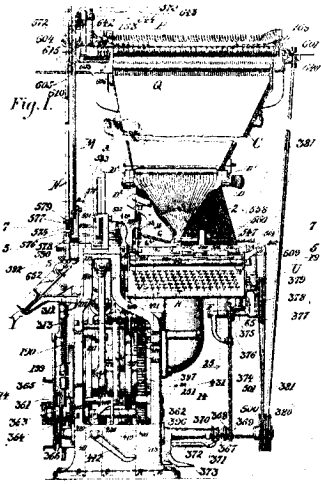


19789  
Jones. Advertising-device.



19324  
King. Busk-protector.

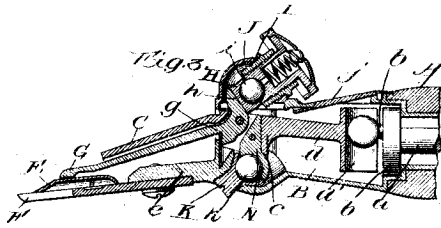




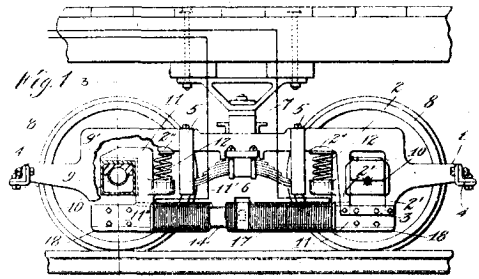
19668  
Mergenthaler Linotype Company. Linotype Machine.



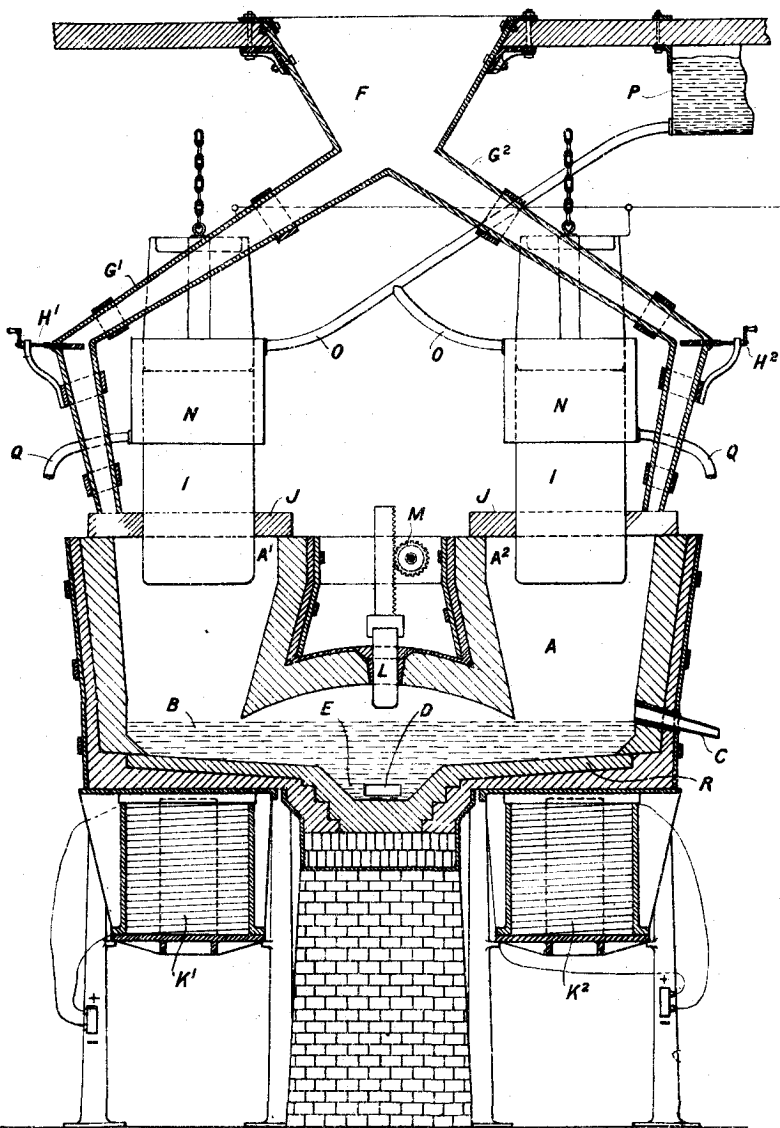
19684  
Cooke. Boot-upper.



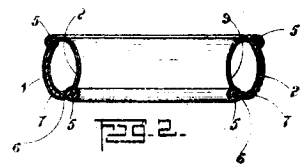
19661  
Burley. Sheep-shears.



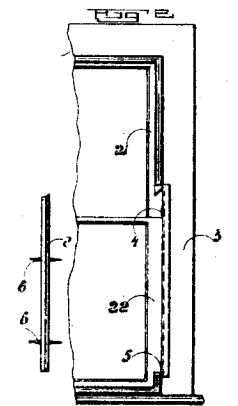
19666  
Lowry. Wheel Adhesion to Rails.



19663  
Anderson. Ore-smelting.



19371  
Toft. Horse-collar.



19432  
Edwards and Another. Window-sash.

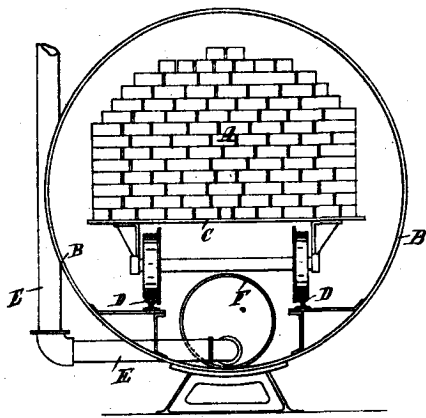


Fig. 1

19683  
Horsley. Stone Manufacture.

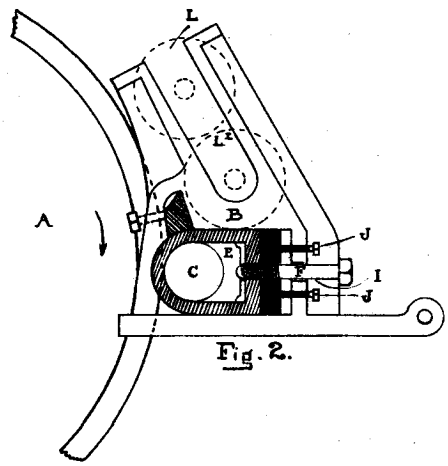
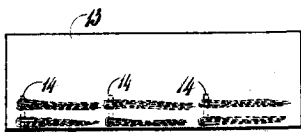
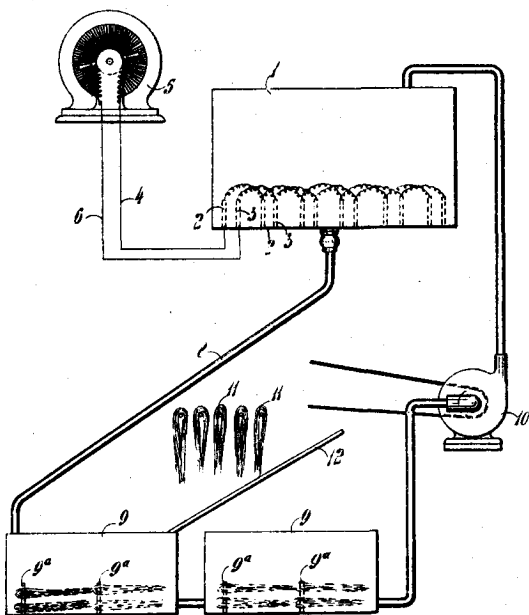
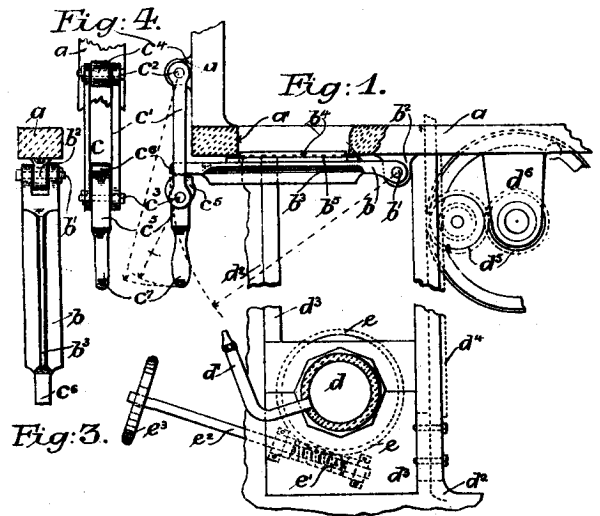


Fig. 2.

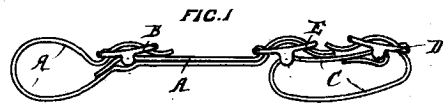
19652  
Dunbar. Flax-stripper Attachment.



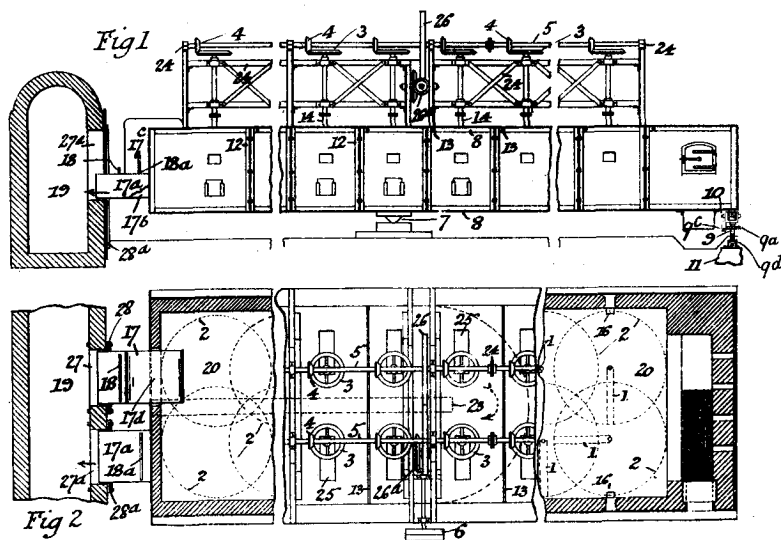
19665  
Mackenzie. Fibre Production.



19682  
Chisholm. Filter-press.



19737  
Carlson. Hobbler.



19683  
Edwards. Ore-furnace.