

Patents, Designs, and Trade Marks

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

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CONTENTS.

	Page
International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks ..	827
Commonwealth of Australia: Act to amend "Patents Act, 1903"	828
Notices <i>re</i> Holidays	828
Applications for Letters Patent filed	828
Complete Specifications filed after Provisionals	829
Complete Specifications accepted	829
Provisional Specifications accepted	834
Letters Patent sealed	834
Letters Patent on which Fees have been paid	834
Subsequent Proprietors, &c., of Letters Patent registered	834
Notice of Request to amend Specification	834
Request for Correction of Clerical Error in Application for Letters Patent	834
Application for Letters Patent withdrawn	834
Applications for Letters Patent abandoned	835
Applications for Letters Patent void	835
Applications for Letters Patent lapsed	835
Letters Patent void	835
Designs registered	835
Designs expired	835
Applications for Trade Marks filed	836
Applications for Registration of Trade Marks	836
Trade Marks registered	840
Trade Mark Renewal Fee paid	840
Trade Marks removed from the Register	840
Alteration of Address of Proprietor of Trade Marks on Register	840

International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks.

INTERNATIONAL CONVENTION.

THE following countries now belong to the Convention:—

Australia.	Italy.
Austria-Hungary.	Japan.
Belgium.	Mexico.
Brazil.	New Zealand.
Ceylon.	Norway.
Cuba.	Portugal, with the Azores and Madeira.
Denmark and Faroe Islands.	Servia.
Dominican Republic.	Spain.
France, with Algeria and Colonies.	Sweden.
Germany.	Switzerland.
Great Britain.	Tunis.
Holland, with East Indian Colonies, Curaçoa, and Surinam.*	United States of America.

* Trade marks only.

Separate arrangements have been made between Australia and New Zealand.

Particulars of the Convention and of such arrangements may be seen in the following *Gazettes*:—

Notification of adhesion of New Zealand to the Convention, with text thereof (in English), in the *Gazette* of 26th November, 1891; notification of adherence of New Zealand to the Additional Act of the Convention, with text (in English) of such Additional Act, in Patents Supplement to *Gazette* No. 101, of the 16th November, 1905; Order in Council applying section 103 of the Imperial Act to New Zealand, in *Gazette* No. 27, of the 15th May, 1890; Orders in Council containing arrangements between Australia and New Zealand, in Patent Supplements to the *Gazette* Nos. 22, of the 9th March, 1905, and 38, of the 20th April, 1905.

Commonwealth of Australia.

Act to amend "The Patents Act, 1903."

THIS Act, assented to on the 13th December last, provides for—

- Extension of Act to Papua,
- Recovery of costs,
- Single patent for cognate inventions,
- Patents of addition,
- Restoration of lapsed patents,
- Grant of patent in lieu of patent revoked on ground of fraud,
- Revocation of patent where invention is not worked to an adequate extent in the Commonwealth,
- Avoidance of certain conditions attached to sale, &c., of patented articles,
- Remedy in case of groundless threats of legal proceedings,
- Devolution of patents,
- Etc.

Copies may be seen at the Patent Office, Wellington, and at the local Patent Offices, Auckland, Christchurch, and Dunedin.

Holiday on 17th March (St. Patrick's Day).

Office of the Minister of Internal Affairs,
Wellington, 25th February, 1910.

THE public offices throughout the Dominion will be closed on Thursday, the 17th day of March, 1910, being St. Patrick's Day.

D. BUDDO,
Minister of Internal Affairs.

Easter Holidays.

Office of the Minister of Internal Affairs,
Wellington, 28th February, 1910.

IT is hereby notified for general information that Friday, the 25th, Saturday, the 26th, and Monday, the 28th day of March, 1910, will be observed as holidays in the public offices of the Government of New Zealand.

By order.

HUGH POLLEN,
Under-Secretary.

Applications for Letters Patent filed.

LIST of applications for Letters Patent filed. (Where a complete specification accompanies an application an asterisk is affixed; in all other cases a provisional specification has been lodged. In all cases where the applicant is not the inventor the name of the latter appears in italics in brackets. † Denotes an application under the International and Intercolonial Arrangements.)

Scott, W., Christchurch, N.Z.	.. .. .	Trolley-pole safety gear; 27321; 18th February.
Harvey, D. H., Taumarunui, N.Z.	.. .. .	Hat-pin; 27322; 18th February.
Curtis, T., Auckland, N.Z.	.. .. .	Ship-sinking prevention; 27323; 15th February.
Kingswell, P. N., Auckland, N.Z.	.. .. .	Dredge; 27324; 17th February.
Duthie, D. W., Auckland, N.Z.	.. .. .	Dredge; 27324; 17th February.
Moore, A., Hillmorton, N.Z.	.. .. .	Bicycle; 27325; 18th February.
Swanson, P., Invercargill, N.Z.	.. .. .	Brake apparatus for rail or tramway; 27326; 17th February.
Burgess, J. N. D., Dunedin, N.Z.	.. .. .	Wash-boiler discharge device; 27327; 17th February.
Hoyland, W., Wellington, N.Z.	.. .. .	Show-case construction*; 27328; 19th February.
Findlay, W., Auckland, N.Z.	.. .. .	Brush or broom; 27329; 18th February.
Jones, J., Melbourne, Vic.	.. .. .	Ore-treatment; 27330; 18th February.
Bohm, H. S., Melbourne, Vic.	.. .. .	Ore-treatment; 27330; 18th February.
Levien, E. P., Oroua Bridge, N.Z.	.. .. .	Flax-dressing machine; 27331; 21st February.
Mitchell, J., Auckland, N.Z.	.. .. .	Key-ring; 27332; 21st February.
Higgins, M., Mercer, N.Z.	.. .. .	Brake apparatus; 27333; 21st February.
Hesketh, F. N., Auckland, N.Z.	.. .. .	Brake apparatus; 27333; 21st February.
MacLeod, J., Eltham, N.Z.	.. .. .	Blouse-fastener*; 27334; 21st February.
Arbuckle, A. J., Belgravia, Transvaal.	.. .. .	Ore-treatment*; 27335; 21st February.
Anderson, S., Timaru, N.Z.	.. .. .	Boot-upper*; 27336; 21st February.
Ridd Milking-machine Company, Limited, New Plymouth, N.Z. (<i>Ridd, A.</i>)	.. .. .	Milking-machine pulsator; 27337; 21st February.
McGaffin, R., Hastings, N.Z.	.. .. .	Flax-catcher; 27338; 18th February.
McGaffin, R., Hastings, N.Z.	.. .. .	Flax-conveyer; 27339; 18th February.
Hunter, J. T., Wellington, N.Z. (<i>Ross, S. J., and Schofield, H.</i>)	.. .. .	Steam-generator*; 27340; 22nd February.
Longdin, F. E., Christchurch, N.Z.	.. .. .	Bicycle outlery grinder and polisher; 27341; 21st February.
Park, A. J., Dunedin, N.Z.	.. .. .	Franking-machine; 27342; 19th February.
McDonald, F. J., Dunedin, N.Z.	.. .. .	Steam-valve; 27343; 14th February.
Christian, A. R., Christchurch, N.Z.	.. .. .	Trolley-pole retriever; 27344; 19th February.
Reynolds, E. A., Christchurch, N.Z.	.. .. .	Trolley-pole retriever; 27344; 19th February.
Hodder, C. N., Christchurch, N.Z.	.. .. .	Advertising-device; 27345; 21st February.
Clegg, N., Christchurch, N.Z.	.. .. .	Advertising-device; 27345; 21st February.
Hulbert, J. B., Nelson, N.Z.	.. .. .	Boot-heel; 27346; 23rd February.
Hulbert, J. B., Nelson, N.Z.	.. .. .	Boot-last; 27347; 23rd February.
Mitchell, J., Auckland, N.Z.	.. .. .	Hinge; 27348; 23rd February.
Kelly, J. B., Johnsonville, N.Z.	.. .. .	Acetylene generator*; 27349; 23rd February.
Smith, W., Horsham, Vic.	.. .. .	Wheel*; 27350; 21st February.
Henderson, J. R., Sydney, N.S.W.	.. .. .	Fish-preserving*; 27351; 24th February.
Grieve, J. M., Wallacetown	.. .. .	Motor-car; 27352; 24th February.
Fergusson, P. H., Sydney, N.S.W.	.. .. .	Wire-strainer*; 27353; 24th February.
Worsnop, J., Auckland, N.Z.	.. .. .	Window-fastener; 27354; 22nd February.
Laidlaw and Gray, Limited, Dunedin, N.Z. (<i>Clark, J.</i>)	.. .. .	Rabbit-trap; 27355; 22nd February.
Humphreys-Grey, W., Hawthorn, Vic.	.. .. .	Boot; 27356; 24th February.
Duthoit, A., Melbourne, Vic.	.. .. .	Boot; 27356; 24th February.
Dwight, C. D., Melbourne, Vic.	.. .. .	Chair, deck*; 27357; 24th February.
Mercer, H. A., Melbourne, Vic.	.. .. .	Chair, deck*; 27357; 24th February.
Baker, F., Melbourne, Vic.	.. .. .	Chair, deck*; 27357; 24th February.
Massey, R., Sydney, N.S.W.	.. .. .	Collar, attaching, to shirt, &c.*; 27358; 24th February.
Kirkbride, J. L., Auckland, N.Z.	.. .. .	Trolley-pole; 27359; 26th February.
Earl, M., Otaio, N.Z.	.. .. .	Plough skeith fastener; 27360; 26th February.
Noy, H. G. W. L., Timaru, N.Z.	.. .. .	Screw; 27361; 25th February.
Morton, W., Dunedin, N.Z.	.. .. .	Hat-pin; 27362; 26th February.
Wright, A. H., Auckland, N.Z.	.. .. .	Stamping, &c., machine; 27363; 25th February.
Clarkson, W., Feilding, N.Z.	.. .. .	Bicycle-pump clip; 27364; 28th February.
Holland, E., Auckland, N.Z.	.. .. .	Engine, internal-combustion; 27365; 26th February.
Sabroe, T. T., Copenhagen, Denmark.	.. .. .	Milking-machine pulsator slide, reversing device*; 27366; 1st March.

Meudell, W. G., Melbourne, Vic. (<i>Teasdale, C. B.</i>)	Fuel; 27367; 1st March.
Vacher, C., Kelowna, British Columbia	Sprinkler-nozzle*; 27368; 1st March.
Vacher, C., Kelowna, British Columbia	Sprinkler-nozzle*; 27369; 1st March.
Craddock, A. R., Christchurch, N.Z.	Cramp-grip; 27370; 28th February.
Clegg, C., Sockburn, N.Z.	Wheel; 27371; 1st March.
Watson, T. J., Onehunga, N.Z.	Harrow; 27372; 28th February.
Foster, E., Auckland, N.Z.	Insulation-attaching composition; 27373; 2nd March.
Atkinson, H. A., Fitzroy, Vic.	Cot-attachment to bed*; 27374; 2nd March.
Zimmerman, A. K., Melbourne, Vic.	Cot-attachment to bed*; 27374; 2nd March.
Pound, O. E., Melbourne, Vic.	Cot-attachment to bed*; 27374; 2nd March.
Baldwin, E. S., Wellington, N.Z. (<i>Ross, C. H. A. F. L.</i>)	Firearm*; 27375; 2nd March.
Baldwin, E. S., Wellington, N.Z. (<i>Ross, C. H. A. F. L.</i>)	Bullet*; 27376; 2nd March.
United Shoe Machinery Company, Paterson, U.S.A. (<i>Alexander, A. M.</i>)	Leather-skiving machine; 27377; 2nd March.
Hill, R. W., Geelong, Vic.	Chaff-cutter-knife mounting*; 27378; 2nd March.
Stevens, J., Hawthorn, Vic.	Buckle; 27379; 2nd March.
Griffin, P. J., Wellington, N.Z.	Tea-can*; 27380; 2nd March.
Eustage, T. P., Wellington, N.Z.	Tea-can*; 27380; 2nd March.
Browne, G. A., Chicago, U.S.A.	Pulveriser*; 27381; 2nd March.
Forrester, P. C., Chicago, U.S.A.	Pulveriser*; 27381; 2nd March.
Taucher, J., Wellington, N.Z.	Hat-pin; 27382; 3rd March.
Young, D. H., Gisborne, N.Z.	Milk-jug*; 27383; 1st March.
Pettitt, H., Dunedin, N.Z.	Gate-lock; 27384; 1st March.

Erratum.—Owing to an error of the applicants, Price, Considine, and Cederberg's complete specification after provisional for filter water-tap, No. 27091, was wrongly advertised in the last issue of the *Gazette* as a fresh application under No. 27321.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 19th February to the 4th March, 1910, inclusive:—

- No. 25964.—T. Siddans, box for counters.
 No. 25971.—L. M. Wilton, crockery, &c., drainer.
 No. 25981.—T. F. Brown, metal framework for furniture.
 No. 25999.—G. A. Gamman, timber-drying method and apparatus.
 No. 26005.—J. C. Tyrrell and C. P. Jensen, railway-car, &c., lock.
 No. 26007.—United Shoe Machinery Company, making dies. (A. Bates.)
 No. 26048.—O. A. Miller Treeing Machine Company, heating tools electrically. (J. Oertly, C. F. Dudley, and J. S. Hansen.)
 No. 26060.—M. G. C. Dodwell, tire.
 No. 26061.—H. P. W. Esping, apparatus for raising liquids.
 No. 26115.—J. O. Suckling, A. H. Herbert, and E. Page, water-closet flush.
 No. 26119.—United Shoe Machinery Company, heel-attaching machine. (A. Bates.)
 No. 26120.—United Shoe Machinery Company, inserting fastenings. (E. D. Foye.)
 No. 26362.—A. Turner, preserving oil-colours on paper.
 No. 27054.—J. Mitchell, plug for concrete walls.
 No. 27091.—E. J. Price, M. P. Considine, and C. Cederberg, tap-filter.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 9th March, 1910.

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

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

No. 25767.—31st March, 1909.—ALBERT JACOB BERT, of 50 Macleay Street, Sydney, New South Wales, Australia, Gentleman (assignee of Cecil Julius Bert, of 8 Royal Arcade, Melbourne, Victoria, Australia, Traveller). An improved method of advertising.*

Claim.—The improved method of advertising for use on billiard and other such tables consisting of advertising-matter inserted into recesses or slots formed uniformly or otherwise around and in the cushion cap or caps or equivalents of the table, said advertisements being conveniently covered with sheets of plate glass, substantially as described.

(Specification, 1s. 9d.)

No. 25874.—27th April, 1909.—CALVIN AMORY STEVENS, of 39 Broad Street, New York, United States of America, Gentleman (assignee of Caleb Grozier Collins, of Woodmere, Nassau County, New York, United States of America, Mining Engineer). Improvements in process of extracting metal from ore.

Extract from Specification.—My invention consists essentially in the use of the alkalis and alkaline earths in conjunction with carbonaceous material in the reduction of ores; and incidentally also includes certain other features.

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

(Specification, 7s. 6d.)

No. 25877.—24th April, 1909.—JAMES MILLAR THOMSON, of Stratford, New Zealand, Presbyterian Minister. A game apparatus.*

Claims.—(1.) A game of the class described, characterized by a course extending from a starting-point on the outermost of a series of concentric circles to a finishing-point at the common centre of all the circles, substantially as described.

(5.) In a game of the class described, a scoring-apparatus comprising a tray having a plurality of numbered porches at one end thereof and a biased marble adapted to be rolled along said tray when inclined towards said porches, substantially as described.

[NOTE.—Here follows one other claim.]

(Specification, 6s.)

No. 25887.—28th April, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Eliphalet Alexander Tripp, of Beverly, Essex, Massachusetts aforesaid, Inventor, and Linus Hall Shaw, of Brockton, Plymouth, Massachusetts aforesaid, Manager). Improvements in or relating to heel-building machines.*

Claims.—(1.) For a heel-building machine having a flexible or articulated U-shaped form for receiving heel lifts, the provision of means to guide the movement of the closed or inner end of the form in the direction of the length of the

lift-receiving cavity. . . . (6.) In a heel-building machine in which a presser-head is moved into operative position with relation to a work-support, the arrangement that a clutch is thrown into action by the head in the said movement to cause (a) the pressing of the head against the work, or (b) the insertion of fasteners into the work, or (a) and (b) to be effected by devices rendered operative by the said clutch. . . . (9.) In a heel-building machine, the mechanism for effecting the pressing of the head against the work and the insertion of fasteners into the work, substantially as described with reference to Figs. 3 and 4 of the drawings.

(Specification, £1 5s.)

No. 25888.—28th April, 1909.—SIDNEY WILMOT WINSLOW, of 541 Cabot Street, Beverly, Essex, Massachusetts, United States of America, Manufacturer (assignee of Charles Peder Holmes, of Lynn, Essex aforesaid, Inventor). Improvements in or relating to method of and machine for forming chain stitches.*

Claims.—(1.) That improvement in the art of forming chain stitches which consists in drawing a loop of thread through the materials to be sewn and through a previously formed loop, relieving the supply side of the last-formed loop of tension, and acting on the last-formed loop in the general direction of the previously formed seam to shorten the preceding loop, and thereafter setting the stitch of which the preceding loop forms a part. (2.) That improvement in the art of forming chain stitches which consists in drawing a loop of thread through the materials to be sewed, and through a previously formed loop, pulling on one side only of the last-formed loop to shorten the preceding loop and then either pulling said preceding loop forward to set the stitch of which the loop forms a part, or pulling on both sides of the last-formed loop to exert a stitch-setting strain on the seam. (3.) That improvement in the art of forming chain stitches which consists in drawing a loop of thread through the materials to be sewed and through a previously formed loop and, preferably also, pulling on the last-formed loop to shorten the preceding loop, then passing an instrument through the last-formed loop and through the materials at the point where the next loop is to be drawn, and finally engaging and pulling on the last-formed loop while the instrument is in the work to exert a stitch-setting strain on the seam.

[NOTE.—Here follow sixteen other claims.]

(Specification, £1 10s.)

No. 25959.—20th May, 1909.—HANNAM'S LIMITED, a company registered under the laws of the State of New South Wales, Australia, and having its registered office at 134 Castle-reagh Street, Sydney, New South Wales, Australia, Manufacturers (assignees of William Henry Hannam, of 134 Castle-reagh Street aforesaid, Director of said Company). Improvements in bath-water heaters.*

Claim.—(1.) In a bath-water heater, the combination of a long cylindrical shell with fire-box at foot, an annular liner in said shell above said fire-box, a water-header in the upper part of said fire-box, a nest of coiled tubes within said liner connecting said header with the upper part of the annular space between said shell and liner, an exit for the gases of combustion, a cold-water service connected to said header, and a hot-water service from said annular space, substantially as described.

[NOTE.—Here follow six other claims.]

(Specification, 10s.)

No. 26008.—1st June, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of William Arthur Bond, of Lynnfield, Massachusetts aforesaid, Machinist). Improvements in or relating to lasting or like machines.*

Claims.—(1.) For a lasting or like machine, the combination with wiping-means of mechanism for reciprocating one portion of said means (for example, 90) approximately lengthwise

on the edge of the shoe, and another portion (for example, 91) approximately transversely on said edge. . . . (3.) For a lasting or like machine having a wiper provided with an acting-edge, the combination with a pivotal support for the wiper adjacent to one end of said edge of automatically operated means connected to the wiper near the other end of said edge for actuating the wiper. (4.) For a lasting or like machine, the combination with grippers and a wiper of means for oscillating said wiper back and forth over the work in time relation with the pulling movements of the grippers. (5.) For a lasting or like machine, the combination with grippers and means for actuating them to pull and plait the upper of a wiper, and means for oscillating it in a path over the sole which is approximately that of the pulling and plaiting movement of the grippers.

[NOTE.—Here follow twenty-three other claims.]

(Specification, £1 5s.)

No. 26009.—1st June, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Alvah Clement Spencer, of Beverly, Massachusetts aforesaid, Draftsman, and Louis Amedee Casgrain, of Beverly aforesaid, Inventor). Improvements in or relating to impression or imitation-stitch machines.*

Claim.—(1.) An impression or imitation-stitch machine having, in combination, an indenting tool arranged to act upon the upper surface of the projecting edge of the shoe, a work-support arranged to engage the tread-surface of the sole, and means for supporting the work-support against the thrust of the tool while permitting it to move under the force exerted by the tool on the work to automatically adapt itself to that portion of the sole with which it is in engagement.

[NOTE.—Here follow sixteen other claims.]

(Specification, 17s. 6d.)

No. 26010.—1st June, 1909.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, United States of America (assignees of Karl Engol, of Arlington Heights, Massachusetts aforesaid, Shoe-manufacturer). Improvements in or relating to machines for use in the manufacture of and method of assembling the parts of boots and shoes.*

Claims.—(1.) The method of laying soles which consists in locating a sole in substantially its flat condition in proper transverse relation to the path of relative movement of the sole and shoe during the sole-laying operation, and then effecting a relative movement of the sole and shoe such that the parts of the sole beginning with the shank and extending in both directions therefrom are successively brought into attaching relation with the corresponding parts of the shoe. (2.) In a machine for assembling the parts of boots and shoes, sole-laying means in combination with a pair of toe-clamping jaws and a pair of heel-clamping jaws constructed and arranged to automatically embrace the toe and heel respectively of shoes of varying width and support the sole-attaching flange of a shoe against the pressure of the sole during the sole-laying operation. (3.) In a machine for assembling the parts of boots and shoes, sole-laying means in combination with means (such, for example, as 42, 44) for supporting the sole-attaching flange of a shoe against the pressure of the sole during the sole-laying operation, constructed and arranged automatically to adapt themselves (by means such, for example, as springs 52, 78) to shoes of varying width with or without means (such, for example, as 108, 408, 402, and the vertical adjustments of these parts) for adjusting the said flange-supporting means to shoes of varying vertical dimensions and spring.

[NOTE.—Here follow eleven other claims.]

(Specification, £1 17s. 6d.)

No. 26263.—19th July, 1909.—COURTLAND YOUNG, of Evansford, Victoria, Australia, Farmer. An improved collar for draft animals.*

Claims.—(1.) In an improved collar for draft animals, a divided tubular draftpiece within a casing, protuberances upstanding from the sides of said draftpiece, a wire-rope connection uniting the sides of said draftpiece. (2.) In an improved collar for draft animals, a casing at the front of the collar, an open-topped continuous tubular draftpiece within said casing, the walls of said draftpiece being closed together on the bottom and forming a hinge, holes through the said casing to pass draft-straps, holes through said casing to pass portion of bands containing semicircular elongated grooves to hold D rein-rings, said collar being united by fastenings at its top.

[NOTE.—Here follow six other claims.]

(Specification, 8s.)

No. 26750.—15th October, 1909.—GEORGE ARTHUR FERGUSON, Barrister, and ARCHIBALD BAUMER HAY, Manufacturer, both of Owen Sound, Ontario, Canada. Improvements in necktie-holders.

Extract from Specification.—The novel arrangement of loops to each side of a central fastener, whereby the tie is removably secured in said loops covering the holder, and said holder is secured to the collar-button.

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

(Specification, 6s.)

No. 26918.—23rd December, 1908.—WALTER WRIGHT, of Stonelaw, 2 Stoke Park, Coventry, England, Managing Director. Improvements in or relating to the road wheels of vehicles.

[NOTE.—This is an application under the International and Inter-colonial Arrangements, the date given being the official date of the application in Great Britain.]

Extract from Specification.—A sleeve is provided with external and internal screw threads which are adapted to engage with corresponding threads on the wheel and hub respectively, the said threads being so arranged relatively to each other that the rotation of the said sleeve in one direction causes the wheel to move axially on the hub so as to be displaced therefrom, whilst rotation in the reverse direction causes the wheel to be drawn into position on the hub. The said screw-threaded sleeve may conveniently be in the form of an extension of the ordinary hub-cap, and a pawl may be provided engaging with suitable teeth formed on the sleeve for locking the same in position.

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

(Specification, 6s.)

No. 27101.—30th December, 1909.—THOMAS EDWARDS, of Webster Street, Ballarat, Victoria, Australia, Metallurgist. Improvements in means for and relating to the precipitation of precious metals from solutions.

Claims.—(1.) For extraction of precious metal from solution by charcoal, the parts substantially as described which are illustrated in Fig. 1. (2.) The construction and combination of parts shown in Fig. 3 for the purposes set forth. (3.) The provision in conjunction with a precipitation-box of the kind indicated for the deposition of precious metal upon charcoal from liquid passing the same of an air-main having branches with outlets at compartment bases.

[NOTE.—Here follow three other claims.]

(Specification, 6s.)

No. 27109.—4th January, 1910.—ALEXANDER SYDNEY RAMAGE, of Buffalo, Erie, New York, United States of America, Chemist. Method of recovering iron from ores and preparing iron alloys.

Claims.—(1.) The method of recovering iron from ores which consists in preparing an iron sponge substantially free from carbon and electrolytically refining said sponge. (2.) The method of removing occluded hydrogen from electro-deposited iron which consists in disseminating through the electro-deposited iron in a molten state a reagent capable of oxidizing hydrogen. (3.) The method of removing occluded hydrogen from electro-deposited iron which consists in disseminating through the electro-deposited iron in a molten state a metallic oxide reducible by hydrogen.

[NOTE.—Here follow two other claims.]

(Specification, 5s. 6d.)

No. 27136.—11th January, 1910.—UNITED SHOE MACHINERY COMPANY, of Paterson, 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 Lewis Frederick Weber, a citizen of the United States, residing at 46 Moltke-Allee, Frankfurt, A.M., Prussia, Germany, Merchant). Improvements in or relating to eyeletting-machines.

Claim.—(1.) For a machine for setting fasteners, a presser-foot that comprises two bearing portions either of which may be brought into operative position to enable fasteners to be inserted in a left part or in a right part of an upper.

[NOTE.—Here follow four other claims.]

(Specification, 5s. 6d.)

No. 27150.—16th February, 1909.—WILLIAM BACHMAN CHISOLM, of 21 Broad Street, Charleston, South Carolina, United States of America, Manufacturer. Improvements in preserving wood.

[NOTE.—This is an application under the International and Inter-colonial Arrangements, the date given being the official date of the application in the United States of America.]

Claims.—(1.) The method of treating wood which consists in impregnating its pores with an aqueous solution carrying sulphur in such a form as to deposit free sulphur within its pores. (2.) The method of treating wood which consists in impregnating its pores with an aqueous solution containing (1) sulphur in such form as to be at once deposited as such within the pores of the wood, and (2) combined sulphur of such composition that after its deposit in the pores of the wood it will be gradually converted in part into free sulphur. (3.) The method of treating wood which consists in impregnating it with a hot solution of a calcium-sulphide, said solution carrying sufficient additional sulphur to cause its colour to be a clear claret red.

[NOTE.—Here follow three other claims.]

(Specification, 5s. 6d.)

No. 27151.—11th January, 1910.—MASSEY-HARRIS COMPANY, LIMITED, of 915 King Street West, Toronto, Ontario, Canada, Manufacturers (assignees of Charles McLeod, Manager of the Patent Department of the Massey-Harris Company, Limited, of 915 King Street West aforesaid). Improvements in bearings for rapidly rotating bodies.

Claims.—(1.) A bearing for a spindle supporting a rapidly rotating body in which, in order to secure a yielding effect tending to centre the spindle in its bearing and a frictional resistance to lateral movement of the spindle, a disc is provided encircling the spindle, and displaceable therewith in a direction transverse of the axis of the bearing, and located between a pair of relatively stationary surfaces between which it is frictionally clamped by the action of a spring, the disc and said surfaces being so shaped that the pressure of the spring tends also to maintain the disc in axial alignment with the bearing.

[NOTE.—Here follow three other claims.]

(Specification, 7s. 6d.)

No. 27156.—13th January, 1910.—THE BELL GAS-SAVER COMPANY, LIMITED, an English Joint-stock Company of limited liability, duly incorporated under English laws, of 85 Great College Street, Camden Town, London, England, Manufacturers (assignees of Henry Malcolm Caldwell, of Waverley, Sydney, New South Wales, Australia, at present residing at 2 Prince of Wales Road, Kentish Town, London, England, Mining Engineer, and Thomas Smith, of 72 Castle Road, Kentish Town aforesaid, Gas Engineer). Improvements in or relating to means for governing or (and) regulating pressure of gas or supply of gas, either with or without an indicator.

Extract from Specification.—The gas-inlet valve is subjected to a pressure constantly tending to open or keep same open and varying according to the degree to which the said valve is open. We also, according to this invention, provide a relief valve (spring or otherwise suitably actuated) which can come into operation to admit gas into the said chamber if and when the said inlet-valve remains shut from any cause—e.g., through excessive pressure occurring in the gas-mains. To this relief-valve we may advantageously

attach a special baffle-plate or other suitable device or devices for baffling the entering gas or making the route of the entering gas more devious. In conjunction with the foregoing we may or may not use an indicator or dial for observation exteriorly of the apparatus; and in those cases where such indicator or dial is employed, the indicator arm or an arm rigidly connected thereto may be provided with a suitable weight or counterbalance, or otherwise provided with the aforesaid means for producing varying pressure on the aforesaid valve.

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

(Specification, 12s.)

No. 27201.—25th January, 1909.—FRANCIS CASEY, of 143 Cromwell Street, Collingwood, Victoria, Australia, Engineer. A direct-acting auto-gyral steam-engine.

[NOTE.—This is an application under the International and Inter-colonial Arrangements, the date given being the official date of the application in Australia.]

Claims.—(1.) In an engine of the character described, the combination of the disc with its diametral axis moving in an inclined plane with the cylinder having its diametral axis moving in a vertical plane, whereby steam-chambers form obliquely as steam is admitted through the "outer set" of ports in the valve-face for the forward rotation of engine, or through the "inner set" of ports for the reverse rotation, as specified and as illustrated. (2.) In an engine of the character described, the combination of the cylinder, the hollow partitioned piston-blades fixed diametrically therein, and the disc provided with radial slots in which are disposed the piston-blades and the slotted ends of the rocking-pin of the central sphere of disc, as specified and as illustrated.

[NOTE.—Here follow three other claims.]

(Specification, 7s.)

No. 27209.—26th January, 1910.—ALBERT ALONZO PAULY, of Youngstown, Ohio, United States of America, Engineer. Apparatus for forming artificial stone.

Claim.—(1.) The combination in a cement-moulding apparatus of a plurality of outer die members, a core member for each outer member, pallets between the said outer and core members, upwardly tapering supports for the pallets, a cross-head, and means carried by the cross-head for stripping the articles simultaneously from the moulding-apparatus.

[NOTE.—Here follow nine other claims.]

(Specification, 9s.)

No. 27214.—27th January, 1910.—SAMUEL HARDLEY, of Hamilton, Auckland, New Zealand, Tinsmith. An improved milk cooler and aerator.

Claims.—(1.) The improved milk cooler and aerator specified consisting, in combination, of the lower vessel shaped as stated, and fitted with an inlet water-pipe and outlet water-pipe, and the upper vessel having its bottom recessed to form a hollow with perforated holes made around the inside of said hollow, and constructed to fit to said lower vessel in the manner and for the purpose set forth, as described and illustrated.

(Specification, 3s.)

No. 27228.—1st February, 1910.—HYDROCARBON CONVERTER COMPANY, a corporation organized and existing under the laws of the State of Delaware, one of the United States of America, located and doing business at 37 Wall Street, New York, United States of America, Manufacturers (assignees of Elijah Bailey Benham, of 6 Central Avenue, New London, Connecticut, United States of America, Engineer). Improvements relating to the manufacture of gas from hydrocarbon-oils and the like.

Claims.—(1.) The process of producing gas from hydrocarbon-oils (such as specified) which consists in passing through a high-temperature zone and in close proximity to heated porous material (such as specified) an intimate mixture of an oxygen-supplying gas such as air and hydrocarbon-oil or its vapour or the gas formed by initial heating of such oil prior to its entry into said zone, and thereby producing a partial or restricted combustion together with decomposition of the complex hydrocarbon-compounds present in the oil

in the first instance and the formation of simpler compounds of a gaseous nature (as set forth), the process being conducted in such manner that substantially no tarry deposits or the like are formed, the gas produced being collected and carried off. . . . (8.) An apparatus for carrying out the process of making gas from hydrocarbon-oils and the like, comprising a casing having within it a combustion-passage containing porous material, and which during the operation of the apparatus is maintained at high temperature, in connection with means for passing oil to be gasified, and oxygen-supplying gas such as air, intimately mingled together through such passage, whereby partial combustion occurs in said passage, substantially as and for the purpose set forth.

[NOTE.—Here follow eleven other claims.]

(Specification, £1 7s. 6d.)

No. 27235.—1st February, 1910.—SUBMARINE SIGNAL COMPANY, a corporation organized under the laws of the State of Maine, one of the United States of America, of 88 Broad Street, Boston, Massachusetts, United States of America (assignees of Robert Longfellow Williams, of Newton, Massachusetts aforesaid, Gentleman). Sounders for submarine signalling.

Claim.—(1.) A submerged sounder characterized by a chamber to confine liquid under pressure, but having ports which are opened and closed in rapid succession to allow the efflux of jets of liquid therefrom, the liquid-pressures on said sounder being at all times balanced to prevent undue friction on the moving parts.

[NOTE.—Here follow three other claims.]

(Specification, 14s.)

No. 27236.—19th April, 1909.—RONALD FRANCIS McFEELY, of 12 Columbus Avenue, Beverly, Massachusetts, United States of America, Inventor. Improvements in pulling-over machines.

[NOTE.—This is an application under the International and Inter-colonial Arrangements, the date given being the official date of the application in the United States of America.]

Claims.—(1.) A machine of the class described having, in combination, means for pulling an upper over a last, means to fasten the upper, and means to hold the upper while the pulling-means gives place to the fastening-means, said holding-means comprising connected upper clamping-devices arranged one above the other in position for the upper one of the devices to engage the shoe first, and actuating-mechanism for forcing the lower member obliquely upwardly to press against the upper in the direction in which it is pulled. (2.) A machine of the class described having, in combination, side-clamps comprising a horizontally sliding member and an obliquely moveable member connected therewith, and connecting-mechanism for causing the horizontally sliding member to engage the shoe first, and thereafter to actuate the other member upwardly and inwardly in the direction to press the upper toward the edge of the last as the shoe is clamped. (3.) A machine of the class described having, in combination, a carrier movable horizontally toward the shoe, a contact member arranged to yield backwardly in the carrier after it engages the shoe, a second member arranged to engage the shoe later, and to be actuated by such backward movement of the contact member to press the upper upwardly toward the edge of the shoe.

[NOTE.—Here follow forty-three other claims.]

(Specification, £1 10s.)

No. 27259.—5th February, 1910.—AMERICAN AUTOMATIC TELEPHONE COMPANY, a corporation of the State of New York, with an office at Rochester, New York, United States of America, and also an office and place of business at Urbana, Ohio, United States of America (assignee of Charles Lane Goodrum, of Urbana, United States of America, Electrical Engineer). Automatic telephone systems.

Extract from Specification.—This invention has for its primary object to provide circuits and apparatus at a central exchange for automatically interconnecting subscribers' telephone-lines for conversation, the arrangement and construction of the circuits and apparatus being such that all the operations may be effected over the two wires which ordinarily constitute a subscriber's line and without the use of grounded connections. A further object of the invention is to reduce the number of switches generally employed in automatic systems by employing finder-switches less in

number than the subscribers' lines, which are automatically started in initiating a call to automatically find a calling subscriber's line, and without further operation connect it with a second or subsequent switch to be operated by subsequent manipulations at the subscriber's station. There is also provided means by which a plurality of finder-switches may be operated simultaneously to find the called subscriber's line, in order to shorten the time required in making a connection, and to render doubly sure the making of the connection. There is also provided means for disconnecting from the talking-circuit the apparatus for operating the switches after connection has been made.

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

(Specification, £2 7s. 6d.)

No. 27276.—10th February, 1910.—EDWIN PHILLIPS, of 264–268 Flinders Street, Melbourne, Victoria, Australia, Patent Attorney and Engineer (the nominee of the Gesellschaft für drahtlose Telegraphie m.b.H., of Tempelhofer Ufer 9, Berlin, Germany, Manufacturers—the assignees of George Graf von Arco, Direktor, of Paulstrasse, 21A, II, Berlin, Germany, and Ragnar Hakan Rendahl, Oberingenieur, of Flanufer 32 hpt., Berlin S.W., Germany). Apparatus for producing rapid and but very slightly damped electrical oscillations.

Extract from Specification.—Making the spark-gap of parallel plates or disks of good conducting metal having a coefficient of conduction of heat at least equal to that of gold, such as copper or silver, or alloys which contain these metals as their principal constituents. The electrodes may also be made of other optional material suitable for the mechanical requirements, having only the operative faces coated with copper or silver. The coatings must be as uniform and plane as possible, and it is preferable to apply them as sheet metal by rolling or soldering. Preferably, before the soldering operation, holes are drilled in the supporting plates or discs, through which the gases generated during the soldering operation can escape.

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

(Specification, 17s. 6d.)

No. 27278.—10th February, 1910.—ABRAHAM LINCOLN SMITH, of 1402 Broadway, Manhattan, New York, United States of America, Draughtsman. Improvements in cartons.

Extract from Specification.—The main object of the invention is to provide an improved means whereby a container of the kind above referred to may be opened and closed at the top without tearing of the latter, so that the container shall have a closure that is permanently available as well as easily applied and operated. A further object is so to shape and construct the closure that it may be utilised as a scoop, trough, or spout, by means of which the contents of the container can be poured out, measured, or dispensed without spilling, and the box securely closed whenever desired, thereby insuring neatness for the package and a method of handling it in a cleanly, economical, and sanitary manner at all times.

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

(Specification, 5s.)

No. 27291.—11th February, 1910.—JACOB SAMUEL KRUSKOPF, of Hindon, New Zealand, Inventor. Improvements in ventilating sash windows.

Extract from Specification.—I attach one or more plates of thin metal to the top bar of the upper sash in such a manner that it can slide up between the blind-roller and the architrave. The plate to be of sufficient depth according to the amount of ventilation needed, and it may be made of finely perforated plate if required. Where the roller is close to the architrave, the plate can be guided up between them.

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

(Specification, 3s.)

No. 27294.—14th February, 1910.—ARCHIBALD GARDINER, of Willow Bank, Plimmer's Steps, Wellington, New Zealand, Farmer, and EDWARD STEPHENS, of 11 McFarlane Street, Wellington, New Zealand, Warehouseman. An improved milk-cooler.

Extract from Specification.—I mount cooler on top of an ordinary milk-can I by means of legs G¹. Milk is poured into dish A and sprays through perforations H (see Fig. 3) on to tinned-copper coil C, and thence to bottom of cooler, straining through strainer J and spraying through bottom of cooler into milk-can I. Water is led to copper coil C at E, and run through and discharged at D.

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

(Specification, 2s.)

No. 27301.—15th February, 1910.—JOHN WILLIAM MILLER, Engineer, and JAMES ROBERT MCKERIHAN, Storekeeper, both of Barker Street, Casino, New South Wales, Australia. An improved butter-cutter.

Extract from Specification.—The block of butter is placed on a holder-plate and is pressed for the purpose of forming it into an approximate cube. The press-frame is then removed, and the block cut into portions by means of three frames hinged to a base-plate and having cutting wires or blades maintained tight by tension-screws. Two of the frames are adapted to make vertical cuts at right angles to each other, while the other frame makes a horizontal cut. In the holder-plate and in a flap hinged thereto are slits for the wires to pass into, thereby insuring a clean cut.

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

(Specification, 4s.)

No. 27313.—16th February, 1910.—ALBERT HENRY SIMS, of High Street, Echuca, Victoria, Australia, Butter-factory Proprietor. Improved combined churn and butter-worker.

Extract from Specification.—The improved machine comprises, briefly, a cylindrical churning chamber or barrel having a hinged flat door arranged the full length thereof, and secured by approved clamps. The inner periphery of the barrel is provided with a multiplicity of radially projecting dashers for agitating the cream, and for raising the butter, when formed, to an inclined table, where it is worked by means of an axially disposed roller which revolves in an opposite direction to that of the barrel.

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

(Specification, 8s.)

No. 27336.—21st February, 1910.—SAMUEL ANDERSON, of Timaru, Canterbury, New Zealand, Boot-manufacturer. Improvements in the construction of boot-uppers.

Claims.—(1.) In the manufacture of boot-uppers, a back or heel portion formed of a single length of leather shaped with a cut having concaved edges extending down its middle from the top edge, and with such concaved edges joined together in combination with a leather tongue having tapering sides that is passed outwards through a slot formed in the back so as to wedge therein, and is secured over the joined edges of the cut, substantially as specified. (2.) The improvements in the manufacture of boot-uppers substantially as described and explained, as illustrated in the drawings, and for the purposes set forth.

(Specification, 2s. 6d.)

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

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

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

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

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

J. C. LEWIS,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 9th March, 1910.

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

- No. 27081.—C. Sextie, tanned-leather-finishing solution.
No. 27171.—A. C. Death, electric induction-coil.
No. 27217.—W. Norgrove, rotary steam-engine.
No. 27221.—J. J. Stroud and R. F. Marshall, vehicle-wheel.
No. 27230.—R. Latham, repeating-rifle.
No. 27231.—R. Latham, rifle breach and barrel cooling arrangement.
No. 27249.—B. Widdowson, potato bagger and digger.
No. 27265.—J. W. Jackson, sand-drift preventing.
No. 27267.—J. C. Cairns, aeroplane balancer.
No. 27275.—J. A. Beales and H. Marsden, sports-ground signal displaying apparatus. (J. G. Deeble.)
No. 27282.—W. J. Love and F. W. Skelsey, cement-manufacture from lignite.
No. 27285.—W. H. Frith, window.
No. 27288.—J. E. P. Cannell, tram-truck safety catch.
No. 27289.—J. L. Neilson, sole and heel protector.
No. 27295.—A. R. Christian and E. A. Reynolds, trolley-pole retriever.
No. 27296.—C. Mills, driving away flies.
No. 27297.—A. J. Bird and W. V. Porteous, boot-heel.
No. 27303.—T. H. Nelson and J. R. Hart, window-sash lock.
No. 27306.—G. Watson, flax-stripper drum-spindle.
No. 27309.—J. Dunbar, couch.
No. 27310.—S. F. Pond, curd-outting, &c., knife. (S. Pond.)
No. 27317.—J. P. Dornbush, motor.
No. 27318.—S. E. Trevor, oil-production from kauri soil.
No. 27319.—T. Jameson, burglar-alarm.
No. 27321.—W. Scott, trolley-pole safety gear.
No. 27325.—A. Moore, bicycle.
No. 27326.—P. Swanson, railway, &c., brake.
No. 27327.—J. N. D. Burgess, discharging wash-boiler water.
No. 27329.—W. Findlay, brush and broom manufacture.
No. 27330.—J. Jones and H. S. Bohm, ore-treatment.
No. 27331.—E. P. Levien, flax-dressing machine.
No. 27332.—J. Mitchell, key-ring safety device.
No. 27333.—M. Higgins and F. N. Hesketh, air-brake apparatus.
No. 27337.—Ridd Milking-machine Company, Limited, milking-machine pulsator. (A. Ridd.)
No. 27338.—R. McGaffin, flax-catcher.
No. 27339.—R. McGaffin, flax-conveyor.
No. 27344.—A. R. Christian and E. A. Reynolds, trolley-pole retriever.
No. 27345.—C. N. Hodder and N. Clegg, advertising display device.
No. 27346.—J. B. Hulbert, boot sole and heel.
No. 27347.—J. B. Hulbert, boot-last.
No. 27354.—J. Woranop, window-fastener.
No. 27359.—J. L. Kirkbride, trolley-pole.
No. 27360.—M. Earl, plough-skeith securing to beam.
No. 27361.—H. G. W. L. Noy, union screw for use on dredges.
No. 27363.—A. H. Wright, stamping, impressing, &c., machine.

[NOTE.—Provisional specifications cannot be inspected, or their contents made known by this office in any way, until the complete specifications in connection therewith have been accepted.]

Letters Patent sealed.

- LIST of Letters Patent sealed from the 11th February to the 1st March, 1910, inclusive:—
No. 26795.—W. E. Goss, acetylene-gas generator.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- NO. 20804.—A. F. Campbell, threshing-machine wearing-strip. 2nd March, 1910.
No. 20806.—Hon. C. A. Parsons, steam-turbine, &c., shaft-packing device. 22nd February, 1910.
No. 20819.—G. Ridgway, filter. 21st February, 1910.
No. 20820.—M. L. Severy and G. B. Sinclair, electrical musical instrument. 2nd March, 1910.
No. 20855.—W. H. Thomas, linotype machine. (W. H. Scharf.) 2nd March, 1910.
No. 20892.—W. H. Thomas, linotype machine. (W. H. Scharf.) 2nd March, 1910.

No. 20984.—The De Forest Wireless Telegraph Syndicate, Limited, wireless telegraphy. (L. de Forest.) 1st March, 1910.

No. 21183.—F. T. Boys, offal-drying apparatus. (G. Nelson—G. L. D. James.) 22nd February, 1910.

No. 21185.—Hon. C. A. Parsons, dynamo-electric machine. 22nd February, 1910.

No. 21424.—W. Leivesley, telegraph apparatus. 24th February, 1910.

No. 22482.—P. B. Jagger, concrete slab, pipe, &c., manufacture. 22nd February, 1910.

THIRD-TERM FEES.

No. 15906.—The Cooper-Hewitt Electric Company, obtaining uni-directional current from alternating-current source. (J. P. Campbell—P. C. Hewitt.) 22nd February, 1910.

No. 16015.—D. Clark, plant-thinning device. 19th February, 1910.

No. 16029.—S. G. Dickson, horse-shoe machine. 24th February, 1910.

No. 16139.—P. Magnus, leather. 22nd February, 1910.

No. 18416.—Société Anonyme Metallurgique, Procédés de Laval, zinc, &c., distillation. (C. G. P. de Laval.) 24th February, 1910.

Subsequent Proprietors, &c., of Letters Patent registered.

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

NO. 24589.—John Edward Butler, Limited, a company incorporated in England under the provisions of the Companies Acts, and carrying on business in the Dominion of New Zealand, registered as licensees, metal-frame horse-collar. (W. and J. E. Hardwick.) 1st March, 1910.

No. 25283.—The Welsbach Light Company of Australasia, Limited, a company incorporated according to the laws of Great Britain, and having their registered office situate at 2 Bury Street, St. Mary Axe, London, England. Inverted incandescent gas-lamp. (L. Zechnall.) 3rd March, 1910.

Notice of Request to amend Specification.

Patent Office,
Wellington, 9th March, 1910.

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

No. 26980.—2nd December, 1909.—B. Baron. Means for charging smoking-pipes. (Advertised in Supplement to *New Zealand Gazette*, No. 2, of the 13th January, 1910.)

The nature of the proposed amendment is as follows:—

(1.) To strike out claims 1 and 2, page 7, and to insert in place thereof the following claim: "1. For charging smoking-pipes, a tobacco-packet comprising tobacco laid longitudinally as to its flakes, an open-ended covering surrounding said tobacco, and binding same sufficiently tightly to prevent the tobacco falling therefrom by the action of gravity while yet permitting the tobacco to be easily expelled from the covering into a pipe by means of a plunger."

(2.) To number claims 3, 4, 5, 6, 7, 8, 9, 10—2, 3, 4, 5, 6, 7, 8, 9 respectively.

The applicant states, "My reason for making this amendment is as follows: For more clearly defining the scope of the invention."

J. C. LEWIS,

Registrar.

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

NO. 26603.—H. L. T. Blackwell (advertised in Supplement to *New Zealand Gazette*, No. 88, of the 21st October, 1909):—

To alter the date of the corresponding Australian application from "2nd February, 1909" to "22nd February, 1909."

Application for Letters Patent withdrawn.

THE following application for Letters Patent has been withdrawn:—

No. 25985.—J. H. Hutchinson, merchandise-transporter. (Advertised in Supplement to *New Zealand Gazette*, No. 71 of the 26th August, 1909.)

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 19th February to the 4th March, 1910, inclusive :—

- No. 25841.—R. H. Hunter-Weston, water-closet seat.
 No. 25844.—C. Brosnahan, foot-wear.
 No. 25845.—B. F. Porter and L. G. Porter, coat-hanger.
 No. 25847.—H. Fisher and J. W. Davis, boat.
 No. 25850.—W. F. and C. T. Collings, soldering-iron and brazier.
 No. 25851.—E. Smethurst, temperature-indicator for baled goods.
 No. 25857.—O. Coates, aerial machine.
 No. 25858.—W. H. Boyens and T. Gore, hose, &c., coupling.
 No. 25859.—C. J. Bailey, hat-pin-point protector.
 No. 25860.—C. C. E. Barnard, flying-machine.
 No. 25862.—J. Arthur, jun., elevator and conveyor.
 No. 25863.—E. Smethurst, obtaining samples of wool from bale.
 No. 25864.—W. H. Bell, gas-flasher.
 No. 25867.—F. H. Rutland, windmill.
 No. 25869.—E. Fitzpatrick, noxious-weed-root collector.
 No. 25870.—J. H. Warren, sanitary-pan lid.
 No. 25871.—J. M. Collins, J. Low, and A. Burges, flax-treating machine.
 No. 25878.—W. Henry and W. Duncan, window-sash hanging.
 No. 25879.—J. Betty, curtain-pole lifter.
 No. 25881.—B. A. Fryer, rubber and leather sole attachment.
 No. 25882.—R. S. Ross and R. J. Redshaw, flax-stripper.
 No. 25891.—O. Coates, aerial machine.
 No. 25892.—W. H. Long, air-compressor, &c.
 No. 25895.—A. C. Baird, oil and gas engine.
 No. 25906.—D. G. Sutherland, mat, &c., holder.
 No. 25907.—E. R. Godward, trace-fastening.
 No. 25912.—G. Walker, fibre drying and loading mechanism.
 No. 25915.—J. Brookes, knife-cleaning apparatus.
 No. 25919.—W. J. F. Hayter, ironsand treatment.

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 19th February to the 4th March, 1910, inclusive :—

- No. 25279.—W. J. F. Hayter, pottery and brick making.
 No. 25300.—J. Wilson, cement road.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 19th February to the 4th March, 1910, inclusive :—

- No. 24825.—C. V. Nordberg, hop-stringer.
 No. 24836.—G. W. Hunton, boot or shoe.
 No. 24855.—W. G. Walden and W. W. Wright, under-pants.
 No. 24857.—J. R. Kent, shoette-upper.
 No. 24862.—A. J. Carr, fencing-batten.
 No. 24872.—E. C. Wood, race-starting machine.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 19th February to the 4th March, 1910, inclusive :—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 20334.—E. Phillips, rendering-apparatus. (E. H. Fallows—J. H. Cayford.)
 No. 20335.—J. R. Park, shackle. (W. Beamish.)
 No. 20336.—H. T. Smith and A. E. Brown, station-indicator.
 No. 20339.—H. T. Wilson, journal-bearings.
 No. 20342.—J. Trounson, scrub and fern cutter.

B

No. 20344.—Middleton Pneumatic Hub Company (1906), Limited, wheel. (G. Middleton.)

No. 20346.—W. J. Winch, beer, &c., pump.
 No. 20347.—J. and E. McGregor and C. G. Ross, sheep-shears.

No. 20348.—A. J. C. Hugo, locomotive-valve-setting machine.

No. 20349.—The Arcanum, Limited, mineral-water manufacture. (L. J. Moser.)

No. 20351.—R. G. Gibbons, dynamo-electric generator. (P. Rabbidge.)

No. 20353.—A., G. W., and C. Beldam, rod and plunger packing. (G. H. Robinson.)

No. 20356.—A. Kaiser, bevelled-glass polishing, &c., machine. (N. Wiederer and Co.)

No. 20357.—A. H. Allen, painters', &c., blow-lamp.

No. 20359.—J. R. Hatmaker, coffee and milk.

No. 20360.—J. R. Hatmaker, blood, &c., drying.

No. 20362.—J. H. Gray, shaft-bearings.

No. 20366.—W. Stone, window-sash raising, lowering, and locking apparatus.

No. 20368.—A. W. Loone, bicycle toe-clip. (W. Kilworth.)

No. 20376.—The Mayor, Councillors, and Citizens of Wellington, G. B. Holmes, and A. D. Allen, trolley-head.

No. 20380.—T. G. Haigh, whisking-machine.

No. 20383.—W. Nicol, apparatus for removal of coal from trucks.

No. 20390.—F. Stains, pea-shelling, &c., apparatus.

No. 20393.—A. H. Chapman, meat-preserving.

No. 20394.—J. H. Jones and W. Kane, gold-saving in dredges.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 15677.—F. F., L. B., A. C., and H. W. Coulsell, vertical boiler.

No. 15681.—E. S. Baldwin and H. H. Rayward, zinc, &c., extraction. (G. D. Delprat.)

No. 15691.—C. A. Hege, railroad cross-tie cutting machine.

No. 15692.—J. B. MacEwan and Co., Limited, portable washing-copper. (J. Bates and W. G. Trudgeon.)

No. 15694.—T. Smith and G. Broadman, flushing-cistern.

No. 15711.—I. Jacob and W. Pritzkow, fibre-manufacture.

No. 15717.—Linotype and Machinery, Limited, linotype machine. (H. McGowan.)

THROUGH EXPIRY OF TERM.

No. 8290.—A. V. Young, pulverising-mill.

No. 8306.—British Empire Trading Company, Limited, conical cigarettes. (The American Tobacco Company of New Zealand, Limited—H. Bilgrain.)

No. 8307.—British Empire Trading Company, Limited, conical cigarettes. (The American Tobacco Company of New Zealand, Limited—J. A. Bousack.)

No. 8308.—British Empire Trading Company, Limited, cigarette-tube machine. (The American Tobacco Company of New Zealand, Limited—J. A. Bousack.)

No. 8309.—British Empire Trading Company, Limited, cigarette-machine. (The American Tobacco Company of New Zealand, Limited—M. Kirshner.)

Designs registered.

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

No. 501.—William Jupp, of 155 Willis Street, Wellington, New Zealand, wood-turner. Class 3. 18th February, 1910.

No. 502.—William James Jenkin, of 21 Bedford Row, Christchurch, New Zealand. Class 3. 15th February, 1910.

Designs expired.

THE copyright in the following designs has expired :—

No. 222.—J. McTaggart, jun., horse hoe and grubber.

No. 223.—W. H. Chapman, music folio and stand.

No. 224.—A. H. Ross and Co., bath and screen.

No. 225.—A. H. Ross and Co., dome top.

No. 226.—G. A. Coles and Co., boot.

Applications for Trade Marks filed.

LIST of applications for registration of Trade Marks filed from the 19th February to the 4th March, 1910, inclusive:—

Nos. 8571, 8572, 8573, 8574, and 8575.—19th February.—Peerless Rubber Manufacturing Company, New York, U.S.A. Classes 40, 50, 40, 50, and 50 respectively.

No. 8576.—21st February.—P. King, Auckland, N.Z. Class 38.

No. 8577.—22nd February.—G. Rowney and Co., London, Eng. Class 39.

No. 8578.—22nd February.—S. St.C. and R. L. Tingey, Wellington, N.Z. Class 3.

No. 8579.—23rd February.—R. Tompkins, Christchurch, N.Z. Class 38.

No. 8580.—24th February.—F. G. Swift, Sydney, N.S.W. Class 42.

No. 8581.—26th February.—M. Dooley, Dunedin, N.Z. Class 3.

No. 8582.—28th February.—Milne and Choyce, Limited, Auckland, N.Z. Class 47.

No. 8583.—1st March.—W. Williams and Sons, Limited, Aberdeen, Scotland. Class 43.

No. 8584.—1st March.—Wilkinson and Alabone, Christchurch, N.Z. Class 38.

No. 8585.—2nd March.—Woodville Bacon Company, Limited, Woodville, N.Z. Class 42.

No. 8586.—1st March.—The Herbert Froid Company, Limited, Chapel-en-le-Firth, Eng. Class 50.

Nos. 8587 and 8588.—3rd March.—National Drug and Chemical Company of Canada, Limited. Classes 3 and 48.

Applications for Registration of Trade Marks.

Patent Office,

Wellington, 9th March, 1910.

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: 7806.

Date: 27th January, 1909.

TRADE MARK.



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

NAME.

ALCOCK AND Co. PROPRIETARY, LIMITED, of No. 155 Elizabeth Street, Melbourne, in the State of Victoria, Commonwealth of Australia, Billiard-table Manufacturers.

No. of class: 50 (subclass 10).

Description of goods: Adhesive cement for cue-tips, china, glassware, leather, wood, and cardboard.

No. of application: 8156.

Date: 3rd August, 1909.

TRADE MARK.



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

NAME.

EDOUARD LEURENT, of 48 Boulevard Gambetta, Tourcoing, France, Manufacturer.

No. of class: 34.

Description of goods: Cloths and stuffs of wool, worsted, or hair.

No. of application: 8157.

Date: 3rd August, 1909.

TRADE MARK.

(The mark as shown in preceding notice, No. 8156.)

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

NAME.

EDOUARD LEURENT, of 48 Boulevard Gambetta, Tourcoing, France, Manufacturer.

No. of class: 38.

Description of goods: Articles of clothing.

No. of application: 8374.

Date: 10th November, 1909.

TRADE MARK.



NAME.

HORNER AND HOGG, of 100 Talbot Street, Nottingham, Nottinghamshire, England, Hosiery-manufacturers.

No. of class: 38.

Description of goods: Articles of clothing, excepting boots and shoes or articles of the same description as boots and shoes.

No. of application: 8532.

Date: 2nd February, 1910.

TRADE MARK.

IMPROVED
ACETYLENE
GAS GENERATOR
SUNLIGHT
TRADE MARK
H.W.DAVIES & CO
WELLINGTON

The essential particular of this trade mark is the word "Sunlight"; and applicants disclaim any right to the exclusive use of the added matter, with the exception of the firm's name.

NAME.

H. W. DAVIES AND CO., of 39 Adelaide Road, Wellington, in the Dominion of New Zealand, Plumbers and Tinsmiths.

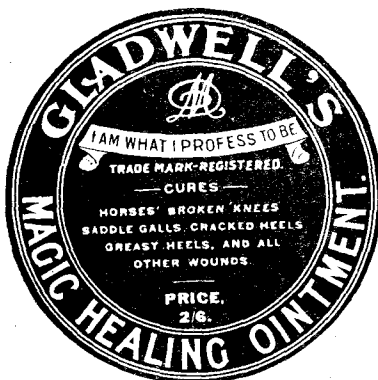
No. of class: 18.

Description of goods: Acetylene-gas generators.

No. of application: 8539.

Date: 4th February, 1910.

TRADE MARK.



The essential particulars of this trade mark are the words "Gladwell's" and "I am what I profess to be," and the device "M.D."; and any right to the exclusive use of the added matter is disclaimed.

The applicant claims that the said trade mark has been used by her in respect of the articles mentioned for twenty-five years.

NAME.

MARY DOOLEY, of Anderson's Bay, Dunedin, in the Dominion of New Zealand, Ointment-manufacturer.

No. of class: 2.

Description of goods: Ointment for veterinary and sanitary purposes.

6

No. of application: 8540.

Date: 4th February, 1910.

TRADE MARK.

ORION



NAME.

ROBERT HARPER AND CO. PROPRIETARY, LIMITED, of No. 390 Little Flinders Street, Melbourne, in the State of Victoria and Commonwealth of Australia, Merchants.

No. of class: 42.

Description of goods: Spices, cordials (non-alcoholic), preserved meats, fish, vegetables, fruit, arrowroot and other root foods, farinaceous foods, cereal foods, culinary essences, food essences, condiments, dairy-produce, jams, jellies, preserves, coffee and its essences and compounds, coffee and milk, chicory, cocoa, cocoa and milk, cooking-powders, carraways, ginger, sugar, table oils, dessicated cocoanut, honey, hops, condensed milk, concentrated milk, dried herbs, ginger beer powders, table-jelly crystals, fruit juices, tea, biscuits, confectionery, gelatine, and isinglass.

No. of application: 8541.

Date: 4th February, 1910.

TRADE MARK.

(The mark as shown in preceding notice, No. 8540.)

NAME.

ROBERT HARPER AND CO. PROPRIETARY, LIMITED, of No. 390 Little Flinders Street, Melbourne, in the State of Victoria and Commonwealth of Australia, Merchants.

No. of class: 47.

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

No. of application: 8547.

Date: 9th February, 1910.

TRADE MARK.

The word

DERMAL.

NAME.

WILLIAM PERCY HENDERSON, of Palmerston North, in the Provincial District of Wellington, in the Dominion of New Zealand, Chemist.

No. of class: 48.

Description of goods: A cream for the face and hands.

No. of application: 8551.
Date: 11th February, 1910.

TRADE MARK.
The word
NAZOL.

NAME.
SHARLAND AND Co., LIMITED, of Auckland and Wellington, in the Dominion of New Zealand, Wholesale Chemists.

No. of class: 3.
Description of goods: Nazol (cure for coughs, &c.).

No. of application: 8556.
Date: 14th February, 1910.

TRADE MARK.
The word
ECLIPSE.

NAME.
ELLIS AND MANTON, of Stout Street, Wellington, in the Dominion of New Zealand.

No. of class: 47.
Description of goods: Candles.

No. of application: 8557.
Date: 15th February, 1910.

TRADE MARK.
The word
TUI.

NAME.
P. HAYMAN AND Co., of Victoria Street, Wellington, in the Dominion of New Zealand, Merchants.

No. of class: 9.
Description of goods: Musical instruments.

No. of application: 8560.
Date: 15th February, 1910.

TRADE MARK.
The word
ALABASTINE.

NAME.
THE ALABASTINE COMPANY BRITISH, LIMITED, of 16 Church Street, South Lambeth, London S.W., England, Manufacturers.

No. of class: 1.
Description of goods: Colours, distempers, paints, enamels, varnishes, and japans.

No. of application: 8561.
Date: 15th February, 1910.

TRADE MARK.
The word
JELSTONE.

NAME.
THE ALABASTINE COMPANY BRITISH, LIMITED, of 16 Church Street, South Lambeth, London S.W., England, Manufacturers.

No. of class: 1.
Description of goods: Colours, distempers, paints, enamels, varnishes, and japans.

No. of application: 8562.
Date: 15th February, 1910.

TRADE MARK.
The word
EXTERNICO.

NAME.
THE ALABASTINE COMPANY BRITISH, LIMITED, of 16 Church Street, South Lambeth, London S.W., England, Manufacturers.

No. of class: 1.
Description of goods: Colours, distempers, paints, enamels, varnishes, and japans.

No. of application: 8569.
Date: 18th February, 1910.

TRADE MARK.
The word
JAPINA.

NAME.
NANCY HARPER KING, of Post-office Box 63, Feilding, in the Dominion of New Zealand.

No. of class: 48.
Description of goods: Preparation for the hair, being a hair-food.

No. of application: 8571.
Date: 19th February, 1910.

TRADE MARK.
The word
PEERLESS.

The applicants claim that the said trade mark has been in use by them in respect to the articles mentioned since the year 1888.

NAME.
PEERLESS RUBBER MANUFACTURING COMPANY, a corporation duly organized under the laws of the State of New York, United States of America, and doing business at No. 16 Warren Street, New York, N.Y., U.S.A.

No. of class: 40.
Description of goods: Belting (indiarubber or gutta-percha).

No. of application: 8572.
Date: 19th February, 1910.

TRADE MARK.
The word
PEERLESS.

The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned since the year 1888.

NAME.
PEERLESS RUBBER MANUFACTURING COMPANY, a corporation duly organized under the laws of the State of New York, United States of America, and doing business at No. 16 Warren Street, New York, N.Y., U.S.A.

No. of class: 50.
Description of goods: Hose and machinery packing.

No. of application: 8573.
Date: 19th February, 1910.

TRADE MARK.
The word
RAINBOW.

NAME.
PEERLESS RUBBER MANUFACTURING COMPANY, a corporation duly organized under the laws of the State of New York, United States of America, and doing business at No. 16 Warren Street, New York, N.Y., U.S.A.

No. of class: 40.
Description of goods: Belting (indiarubber or gutta-percha).

No. of application: 8574.
Date: 19th February, 1910.

TRADE MARK.
The word
RAINBOW.

NAME.
PEERLESS RUBBER MANUFACTURING COMPANY, a corporation duly organized under the laws of the State of New York, United States of America, and doing business at No. 16 Warren Street, New York, N.Y., U.S.A.

No. of class: 50.
Description of goods: Hose and machinery packing.

No. of application: 8575.
Date: 19th February, 1910.

TRADE MARK.
The word
ECLIPSE.

NAME.
PEERLESS RUBBER MANUFACTURING COMPANY, a corporation duly organized under the laws of the State of New York, United States of America, and doing business at No. 16 Warren Street, New York, N.Y., U.S.A.

No. of class: 50.
Description of goods: Hose and machinery packing.

No. of application: 8577.
Date: 22nd February, 1910.



NAME.
GEORGE ROWNY AND Co., of 10 and 11 Percy Street, Tottenham Court Road, London, England, Manufacturers of Artists' Colours and Materials.

No. of class: 39.
Description of goods: All artists' materials included in that class.

No. of application: 8578.
Date: 22nd February, 1910.

TRADE MARK.
The word
SEDIP.

NAME.
SYDNEY ST. CLAIR TINGEY AND RICHARD LEONARD TINGEY, care of R. and E. Tingey, Limited, of Manners Street, Wellington, in the Dominion of New Zealand, Colourmen.

No. of class: 3.
Description of goods: Preparation for baths.

No. of application: 8580.
Date: 24th February, 1910.

TRADE MARK.
The words
LA LUNE.

NAME.
FREDERICK GLENCROSS SWIFT, trading as "Swift and Co.," of 32 O'Connell Street, Sydney, New South Wales, in the Commonwealth of Australia.

No. of class: 42.
Description of goods: All goods in Class 42.

[NOTE.—Class 42 is for "Substances used as food or as ingredients in food, such as cereals, pulses, olive-oil, hops, malt, dried fruits, tea, sago, salt, sugar, preserved meats, confectionery, oil-cakes, pickles, vinegar, and beer-clarifiers."]

No. of application: 8581.
Date: 26th February, 1910.

TRADE MARK.



The essential particulars of this trade mark are the words "Gladwell's" and "I am what I profess to be"; and any right to the exclusive use of the added matter is disclaimed. The applicant claims that the said trade mark has been used by her in respect of the articles mentioned for twenty-five years.

NAME.

MARY DOOLEY, of Anderson's Bay, Dunedin, in the Dominion of New Zealand, Ointment-manufacturer.

No. of class: 3.

Description of goods: Ointment for use in medicine and pharmacy.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 19th February to the 4th March, 1910, inclusive:—

- No. 6674/8377. — Ehrich and Graetz. Class 13. (*Gazette* No. 101, of the 2nd December, 1909.)
No. 6675/8378. — B. Birnbaum and Son. Class 38. (*Gazette* No. 101, of the 2nd December, 1909.)
No. 6676/8384. — United Shoe Machinery Company. Class 38. (*Gazette* No. 101, of the 2nd December, 1909.)
Nos. 6677/8390, 6678/8391, 6679/8392, 6680/8393, 6681/8394, 6682/8397, 6683/8398, 6684/8399, 6685/8400. — A. L. Rey. Class 43. (*Gazette* No. 101, of the 2nd December, 1909.)
No. 6686/8405. — D. Morrison. Class 39. (*Gazette* No. 101, of the 2nd December, 1909.)
No. 6687/8411. — W. and F. Walker, Limited. Class 48. (*Gazette* No. 101, of the 2nd December, 1909.)

- No. 6688/8413. — J. Bartram and Son. Class 7. (*Gazette* No. 101, of the 2nd December, 1909.)
No. 6689/8314. — H. G. Clarke. Class 42. (*Gazette* No. 93, of the 4th November, 1909.)
No. 6690/8361. — J. Dearden and Co., Limited. Class 24. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6691/8414. — Gros Million and Co. Class 31. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6692/8424. — W. F. Tucker and Co. Class 42. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6693/8427. — R. I. Clark and Co. (Australasia), Limited. Class 1. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6694/8358. — P. Hærcus. Class 42. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6695/8383. — Thermos, Limited. Class 15. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6696/8416. — W. H. Cooper. Class 34. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6697/8428. — D. Hayward, Limited. Class 50. (*Gazette* No. 106, of the 16th December, 1909.)
No. 6698/8288. — Neill and Co., Limited. Class 47. (*Gazette* No. 93, of the 4th November, 1909.)
No. 6699/8322. — Neill and Co., Limited. Class 4. (*Gazette* No. 93, of the 4th November, 1909.)
No. 6700/8294. — Collett and Co. Class 42. (*Gazette* No. 106, of the 16th December, 1909.)

Trade Mark Renewal Fee paid.

FREE paid for the renewal of the undermentioned Trade Mark for fourteen years from the date first mentioned:—

- No. 1663/1336. — 30th March, 1910. — Dunlop Rubber Company of Australasia, Limited (the Pneumatic Tire Company, Limited). 2nd March, 1910.

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 19th February to the 4th March 1910, inclusive:—

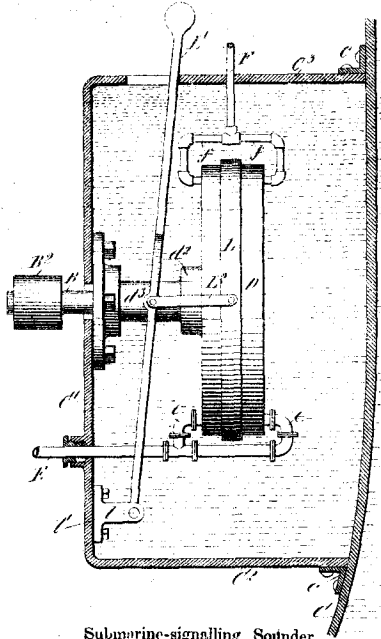
- Nos. 1567/1270 and 1568/1271. — 19th November, 1895. — Smith and Wellstood, Limited, of Bonnybridge, Scot. Class 18.
No. 1570/1257. — 20th November, 1895. — Sharland & Co., Limited, of Auckland and Wellington, N.Z. Class 3.
No. 1571/1273. — 21st November, 1895. — A. Shiels, of Glasgow, Scot. Class 7.

Alteration of Address of Proprietor of Trade Marks on Register.

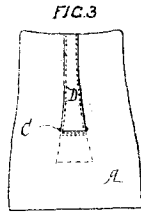
- Nos. 2971/2337 and 7955/6413. — British Drug Houses, Limited. Address altered from "38 and 40 Southwark Street, London," to "22 to 30 Graham Street, City Road, London N."

ILLUSTRATIONS OF INVENTIONS.

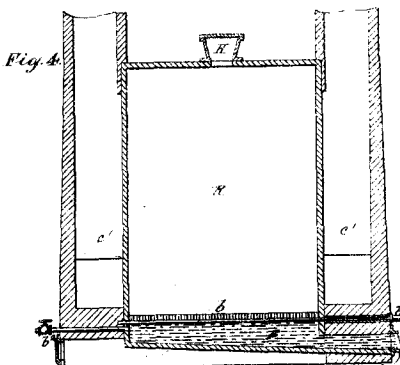
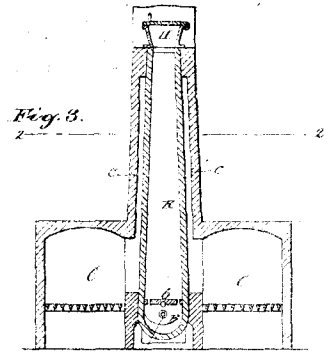
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



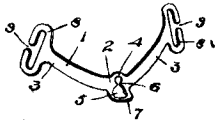
Submarine-signalling Sotnder.
Submarine Signal Company. (Williams.) 27235.



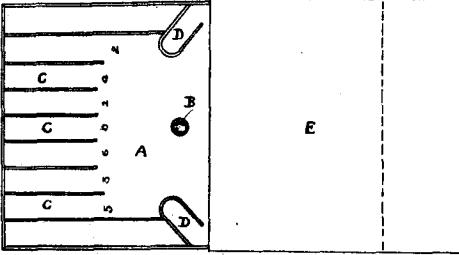
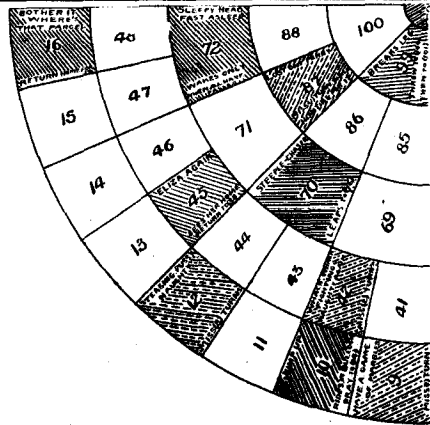
Boot-upper. Anderson. 27336.



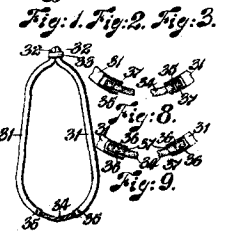
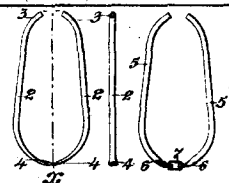
Ore-extraction. Stovens. (Collins.) 25874.



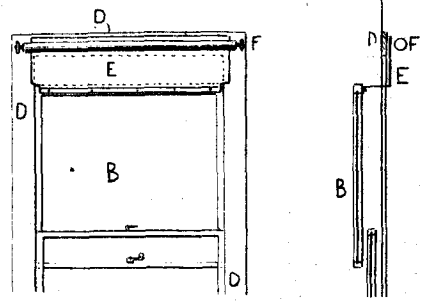
Neck-tie Holder. Ferguson and Hay.
26750.



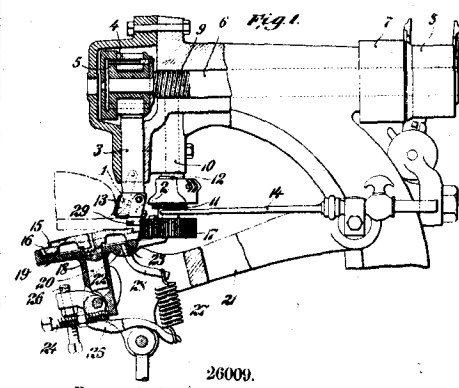
Game. Thomson. 25877.



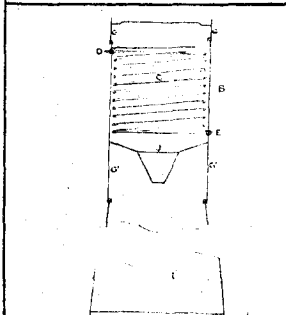
Horse-collar. Young 26263.



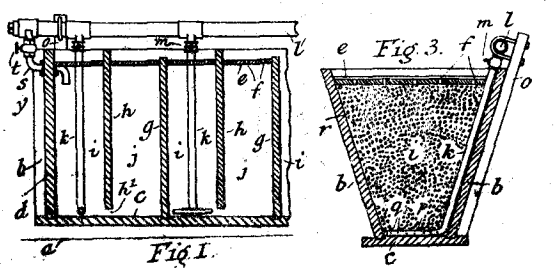
Window-sash Ventilator. Kruskopf. 27291.



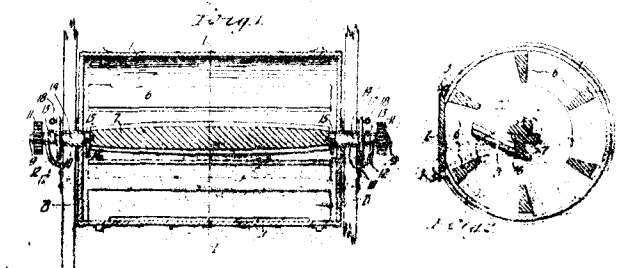
Boots: Imitation-stitch Machine.
United Shoe Machinery Company. (Spencer and Casgrain.) 26009.



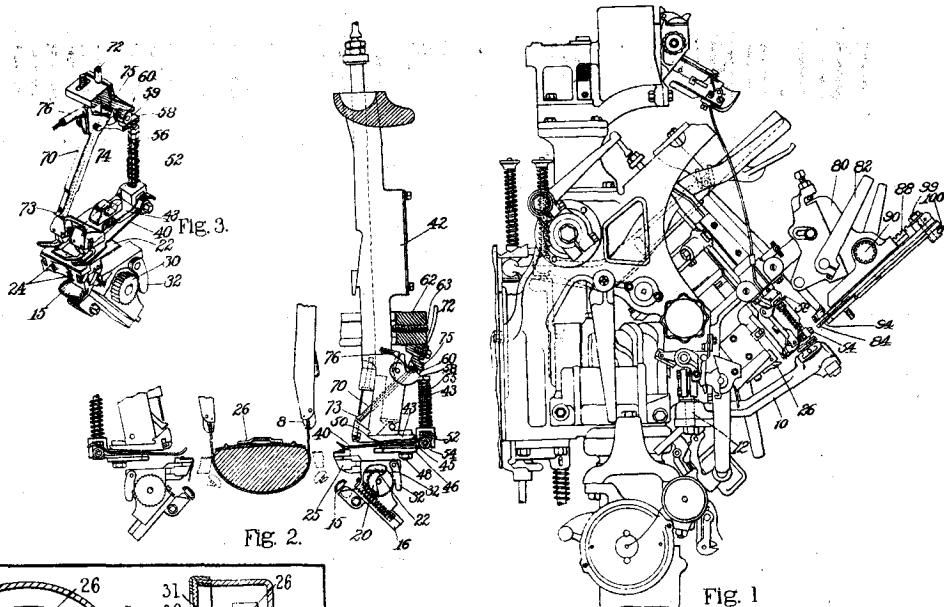
Milk-cooler. Gardiner and Stephens.
27294.



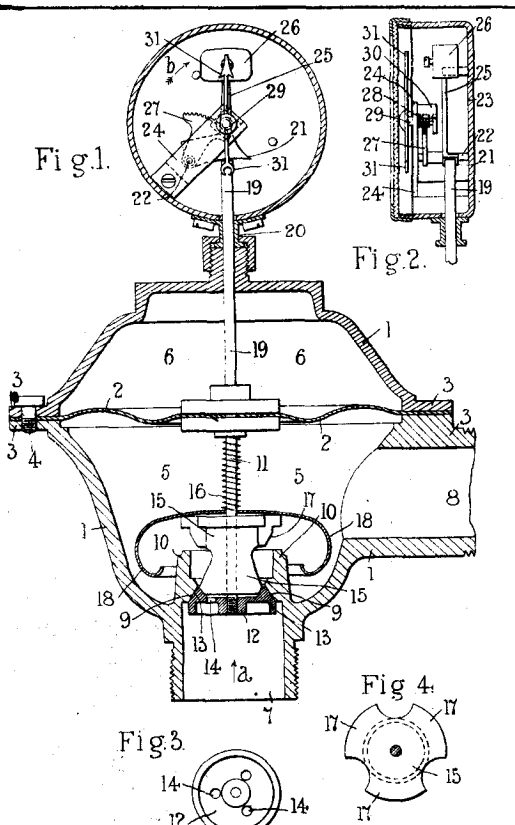
Moon Precipitation. Edwards. 27101.



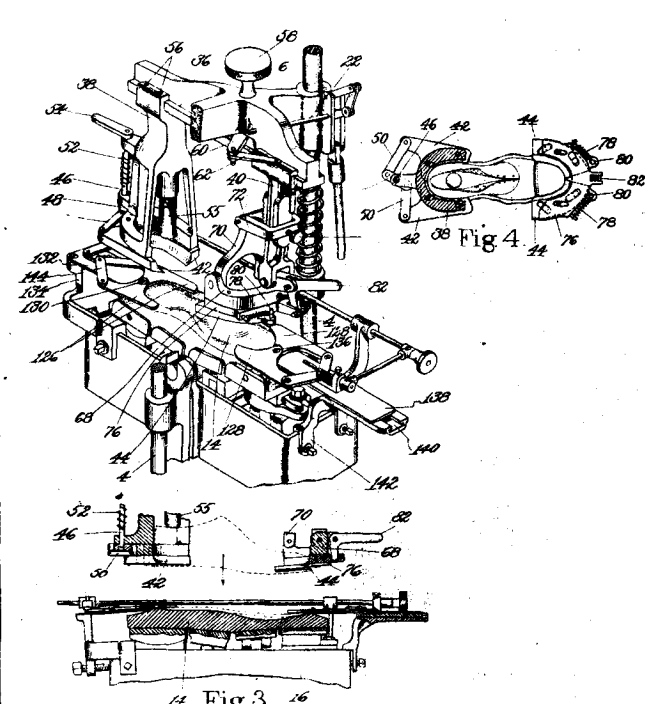
Churn and Butter Worker. Sims. 27313.



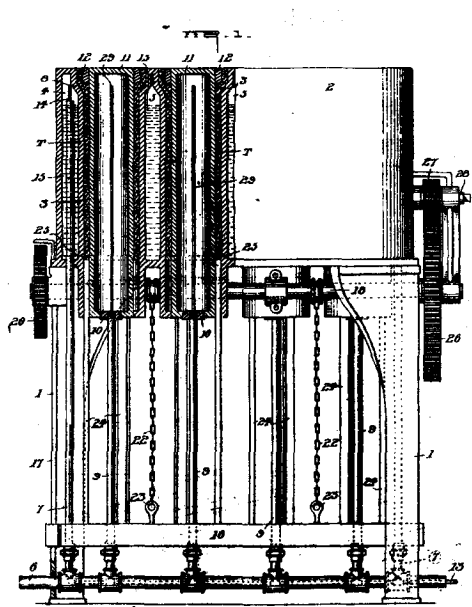
Boots: Pulling-over Machine. McFeely. 27286.



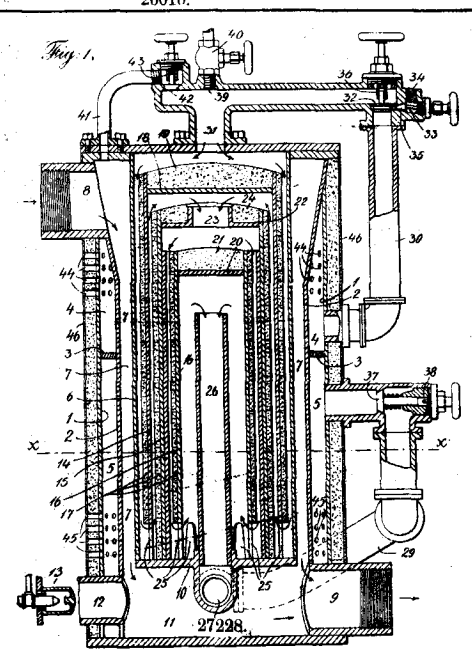
Gas-pressure Regulator. Bell Gas Saver Company (Limited). (Caldwell and Smith.) 27166.



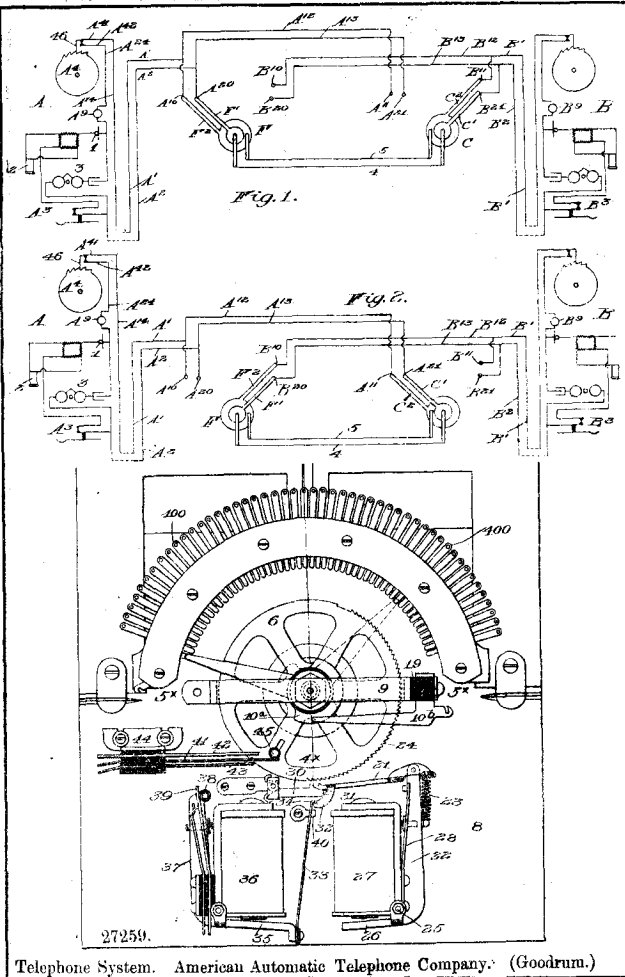
Boots, Assembling Parts of. United Shoe Machinery Company. (Engel.) 26010.



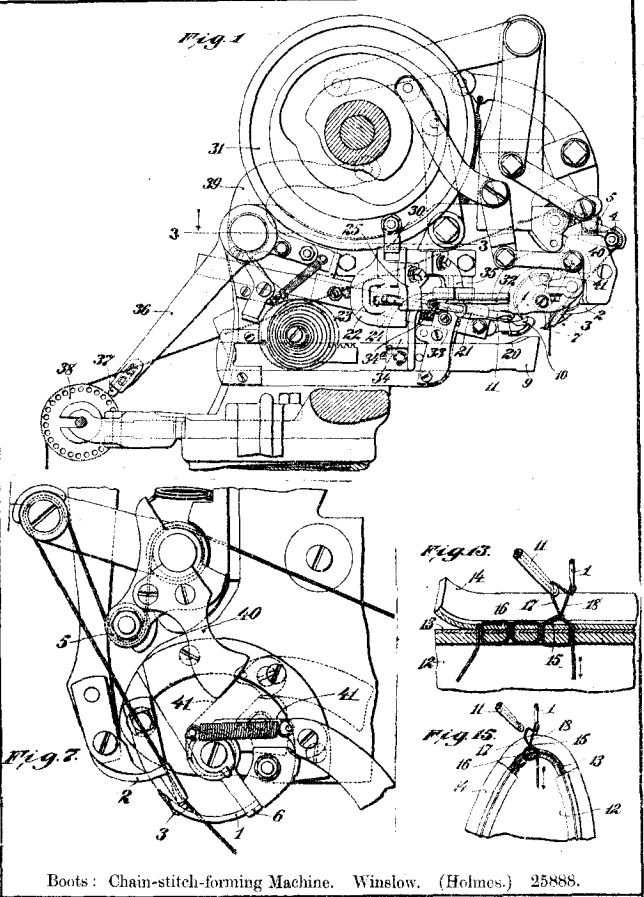
Stone-former, Artificial. Pauly. 27209.



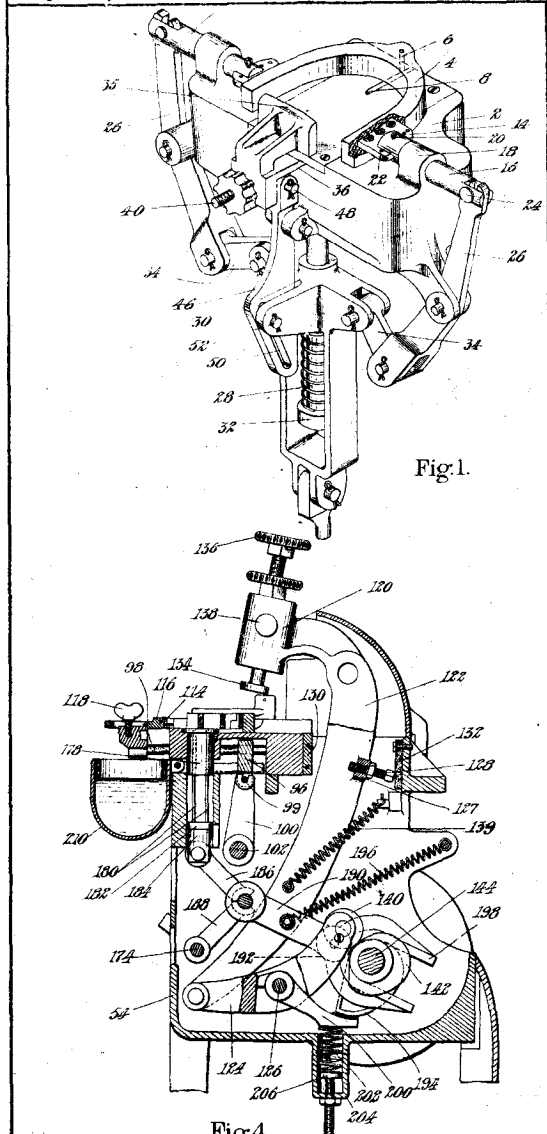
Gas from Hydrocarbon Oils. Hydrocarbon Converter Company. (Benham.) 27228.



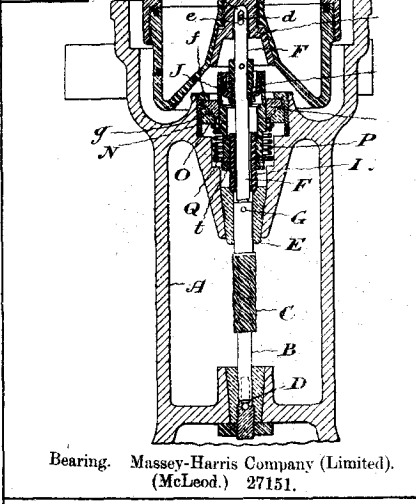
Telephone System. American Automatic Telephone Company. (Goodrum.)



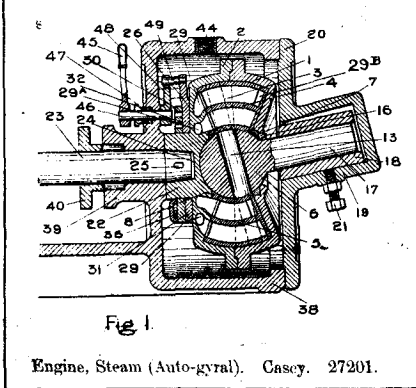
Boots: Chain-stitch-forming Machine. Winslow. (Holmes.) 25888.



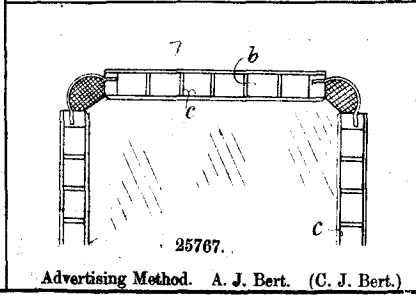
Boots: Heel-building Machine. United Shoe Machinery Company. (Tripp and Shaw.) 25887.



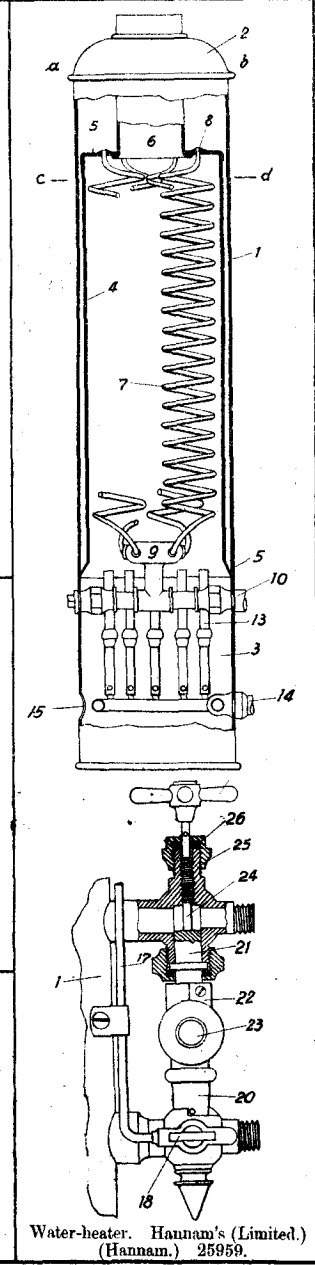
Bearing. Massey-Harris Company (Limited). (McLeod.) 27151.



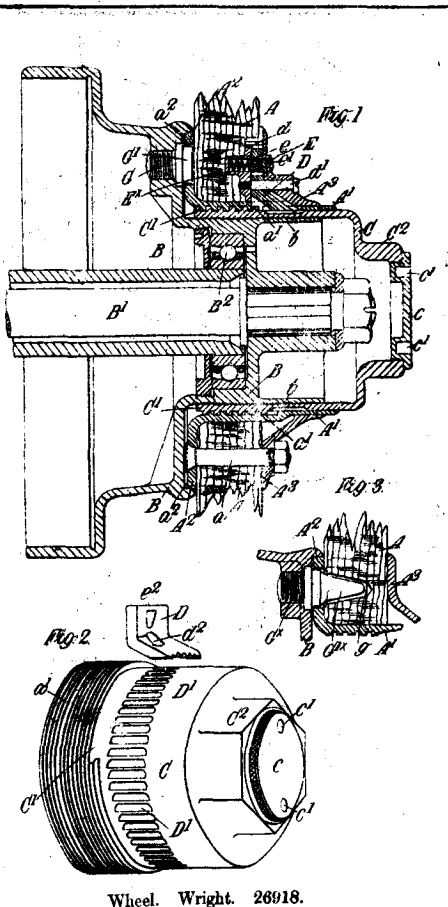
Engine, Steam (Auto-gyral). Cascy. 27201.



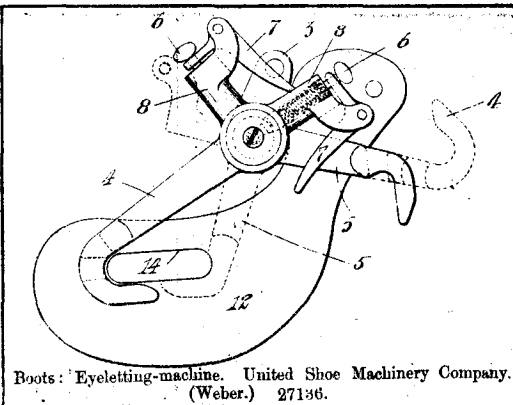
Advertising Method. A. J. Bert. (C. J. Bert.)



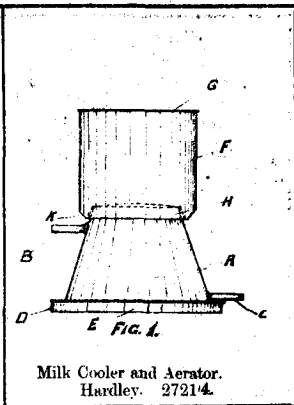
Water-heater. Hannam's (Limited). (Hannam.) 25959.



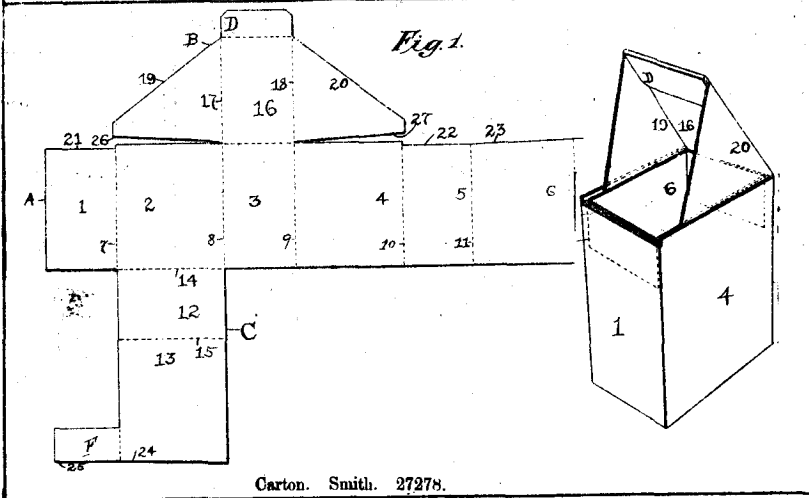
Wheel. Wright. 26918.



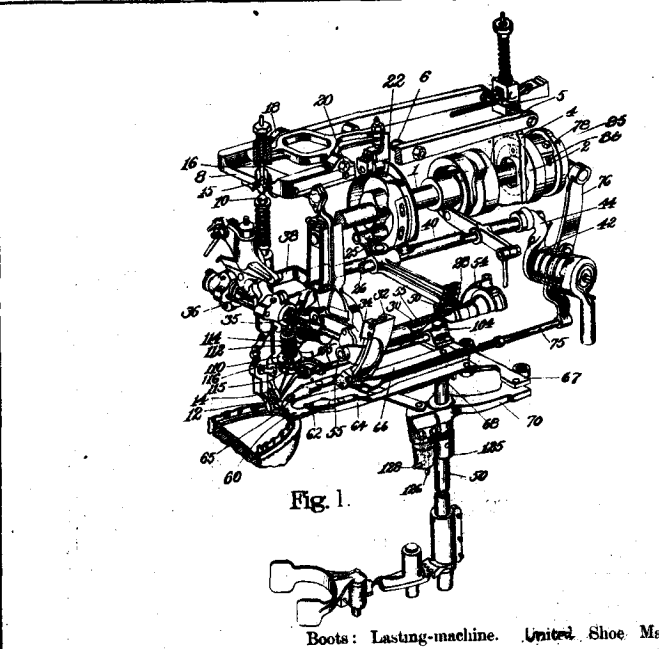
Boots: Eyeletting-machine. United Shoe Machinery Company. (Weber.) 27136.



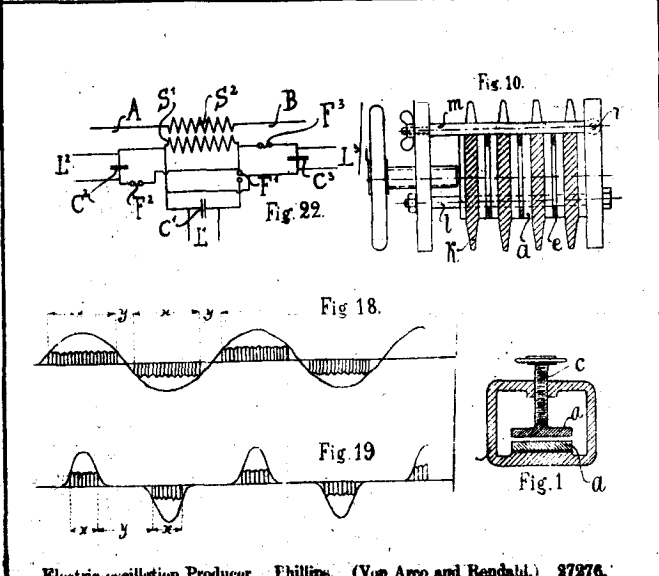
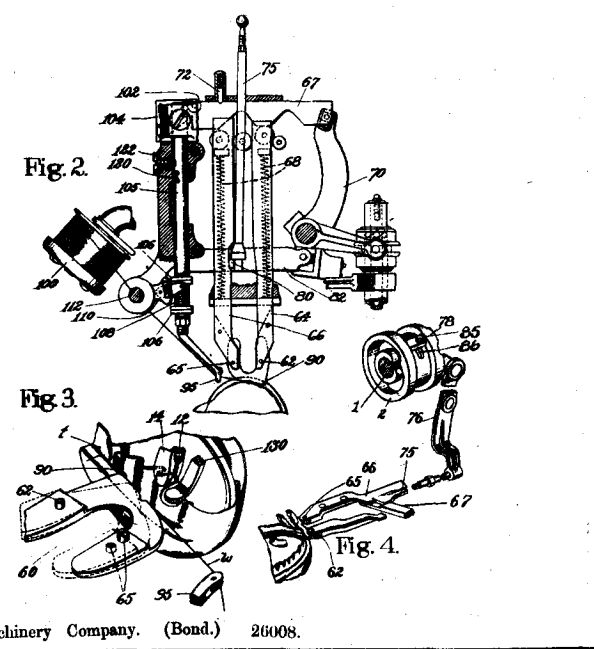
Milk Cooler and Aerator. Hardley. 27214.



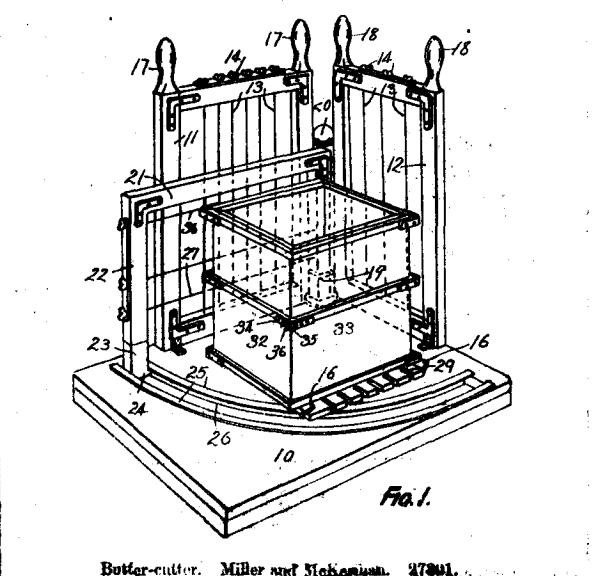
Carton. Smith. 27278.



Boots: Lasting-machine. United Shoe Machinery Company. (Bond.) 26008.



Electric-oscillation Producer. Phillips. (Van Arco and Rendahl.) 27376.



Butter-cutter. Miller and Stekman. 27391.