

Patents, Designs, and Trade Marks

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

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CONTENTS.

	Page
Complete Specifications and Drawings open to Inspection	2109
International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks ..	2110
Patent Publications in New Zealand	2110
Books and Documents open to Inspection at Patent Office, Wellington	2110
Books, Documents, &c., open to Inspection at Local Patent Offices, Auckland, Christchurch, and Dunedin ..	2111
Specifications of Inventions open to Inspection	2111
Official Publications	2111
Local Patent Offices	2111
Office for Registration of Copyright	2111
Applications for Letters Patent filed	2111
Complete Specifications filed after Provisionals	2113
Complete Specifications accepted	2118
Provisional Specifications accepted	2118
Letters Patent sealed	2118
Letters Patent on which Fees have been paid	2118
Subsequent Proprietors of Letters Patent registered ..	2119
Applications for Letters Patent abandoned	2119
Applications for Letters Patent void	2119
Applications for Letters Patent lapsed	2119
Letters Patent void	2119
Design registered	2119
Design expired	2119
Applications for Trade Marks filed	2119
Applications for Registration of Trade Marks	2120
Trade Marks registered	2125
Subsequent Proprietors of Trade Marks registered ..	2125
Trade Mark Renewal Fees paid	2125
Applications for Trade Marks abandoned or refused ..	2125
Applications for Trade Marks withdrawn	2125
Trade Marks removed from the Register	2125

Complete Specifications and Drawings open to Inspection at Auckland, Dunedin, and Christchurch.

COPIES of the complete specifications and drawings advertised in the *Gazette* will be sent for public inspection to the

LOCAL PATENT OFFICES IN THE SUPREME COURT BUILDINGS

in the following towns on or about the dates mentioned:—

Auckland.

Gazette No. 66, of the 12th August. 18th August to 1st September, inclusive.

Dunedin.

Gazette No. 66, of the 12th August. 7th September to 21st September, inclusive.

Gazette No. 63, of the 29th July. 26th August to 9th September, inclusive.

Gazette No. 59, of the 15th July. 11th August to 23rd August, inclusive.

Christchurch.

Gazette No. 66, of the 12th August. 25th September to 9th October, inclusive.

Gazette No. 63, of the 29th July. 13th September to 27th September, inclusive.

Gazette No. 59, of the 15th July. 30th August to 13th September, inclusive.

Gazette No. 55, of the 1st July. 14th August to 28th August, inclusive.

[NOTE.—The office can take no responsibility if from any cause the specifications are not so available.]

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

* 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.

Patent Publications in New Zealand.

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

WELLINGTON.—PATENT OFFICE LIBRARY.

United Kingdom.

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 29th April, 1909.

Classified illustrated abridgments of inventions from 1855 to 1906 and part of 1907.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to June, 1909.

Index of Applicants.

Subject-matter Index.

Commissioner of Patents Journal, &c.^(a).

Trade Marks Journal to April, 1909.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to March, 1909.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January, 1906, to the 19th January, 1909, inclusive.

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

The Australian Official Journal of Trade Marks (containing lists of applications for registration of trade marks, &c.).

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

United States.

The full text of the specifications and drawings for the years 1905 and 1906.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to June, 1909.

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

^(a) Discontinued.

^(b) In arrear. Not now being printed.

General.

La Propriété Industrielle (the official organ of the International Bureau of the Union for the Protection of Industrial Property).

Patent laws of the world.

Patent and Trade Mark Review.

Text-books and handbooks on patents and trade marks.

AUCKLAND.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1904.
Illustrated Official Journal from 1897 to date.

Canada.

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

Australia.

The Official Journal of Patents from 1905 to date.

United States.

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

CHRISTCHURCH.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1904.
Illustrated Official Journal from October, 1905, to date.

Canada.

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

Australia.

The Official Journal of Patents from 1905 to date.

DUNEDIN.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 1904.
Illustrated Official Journal from October, 1905, to date.

Australia.

The Official Journal of Patents from 1905 to date.

Books and Documents open to Inspection at Patent Office, Wellington.

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

PATENTS.

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

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

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.

^(a) Key is in card index.

^(b) 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.

^(c) 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.

^(d) The names of proprietors of subsequent letters patent appear in the Index of Patentees.

^(e) Contains classified abridgments of specifications from 1861, with extracts from drawings from July, 1904.

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 Registratibn of Trade Marks^(a).
5. Index of Trade Marks.
6. Classified Representations of Trade Marks, with indexes.

MISCELLANEOUS.

Register of Patent Agents.

FORMS AND PUBLICATIONS.

The following forms, &c., may be had on application at the Patent Office, Wellington, or at any of the local Patent Offices named below:—

- 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^(b).
- Pamphlet containing Act and Regulations (price 1s.).

^(a) 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 in card index.

^(b) May also be obtained at any local Patent Office or money-order office.

Books, Documents, &c., open to Inspection at Local Patent Offices, Auckland, Christchurch, and Dunedin.

BOOKS, documents, &c., open to inspection, and forms, &c., procurable, at the local Patent Offices at Auckland, Christchurch, and Dunedin.

BOOKS, ETC., OPEN TO INSPECTION.

Complete specifications and drawings of inventions. (Note.—One set of the specifications and drawings is sent, on acceptance, to Auckland, Christchurch, and Dunedin in succession, remaining fourteen days at each place, as advertised in the *Gazette*. Search fee, 1s. per hour.)

Classified abridgments of inventions from 1st January, 1908, to 31st March, 1909. (Search fee, 1s.)

Weekly lists of applications for patents up to and including those filed on Friday may be seen on the following Monday. (Search fee, 1s.)

Name Index—Patents, 1861–1889. (Search fee, 1s.)

Annual Reports, containing alphabetical lists of applicants and subject-matter indexes since 1890.

Patents Supplement to the *New Zealand Gazette*.

Patents, Designs, and Trade Marks Act and Rules.

Acts and Rules of other countries.

Australian Official Journal of Patents.

FORMS, ETC., OBTAINABLE.

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

- Applications 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 designs and trade marks.
- Act and Regulations. (Price, 1s. 6d.)

NOTE.—The classified abridgments of the specifications and drawings of the United Kingdom may be seen in the Public Library of each of the above three principal towns. Other publications will be placed on file as soon as they are available.

Specifications of Inventions Open to Inspection.

COMPLETE specifications and drawings of inventions may be seen on acceptance at the Patent Office, Wellington, and are also available for inspection for a fortnight at the local Patent Offices at Auckland, Christchurch, and Dunedin.

Lists giving names of applicants and titles of inventions may be obtained for posting in factories, libraries, technical schools, or other places where they are likely to be seen by persons interested, on application to the Registrar of Patents, Wellington.

Official Publications.

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

Printed specifications to the end of the year 1879. (Some of these are now out of print.)

Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1893 inclusive. (The lists for the last four of these years are contained in the *Annual Reports of the Registrar*.)

Annual reports of the Registrar, containing alphabetical indexes of applicants for letters patent and of subject-matter of inventions patented from 1894 to 1907 inclusive.

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

Name Index of Patents, &c., 1861–1890. (Price, 1s.)

Local Patent Offices.

LOCAL Patent Offices for the reception of applications, supply of forms, &c., have been established at the following places:—

- Auckland—Supreme Court. (E. W. Cave, agent.)
- Whangarei—Courthouse. (W. J. Reeve, agent.)
- Thames—Courthouse. (J. Jordan, agent.)
- Waihi—Courthouse. (J. McIndoe, agent.)
- Hamilton—Courthouse. (H. J. Dixon, agent.)
- Gisborne—Courthouse. (G. J. A. Johnstone, agent.)
- New Plymouth—Courthouse. (J. Terry, agent.)
- Napier—Courthouse. (A. Trimble, agent.)
- Wanganui—Courthouse. (C. A. Barton, agent.)
- Taihape—Courthouse. (W. Baker, agent.)
- Palmerston North—Courthouse. (C. J. Hewlett, agent.)
- Masterton—Courthouse. (M. Foley, agent.)
- Nelson—Courthouse. (E. C. Kelling, agent.)
- Blenheim—Courthouse. (F. W. Hart, agent.)
- Westport—Courthouse. (O. E. Bowling, agent.)
- Greymouth—Courthouse. (B. Harper, agent.)
- Hokitika—Courthouse. (J. N. Nalder, agent.)
- Christchurch—Supreme Court. (W. W. Samson, agent.)
- Ashburton—Courthouse. (J. Fitzgerald, agent.)
- Timaru—Courthouse. (T. W. Taylor, agent.)
- Oamaru—Courthouse. (A. A. Mair, agent.)
- Dunedin—Supreme Court. (T. E. Roberts, agent.)
- Clyde—Courthouse. (F. T. D. Jeffery, agent.)
- Gore—Courthouse. (G. H. Lang, agent.)
- Queenstown—Courthouse. (A. J. Thompson, agent.)
- Invercargill—Courthouse. (J. R. Colyer, agent.)

Office for Registration of Copyright.

THE office for the registration of proprietorship of copyright in Fine Arts and Dramatic Works has been transferred to the Patent Office, Magistrate's Court Building, corner of Lambton Quay and Ballance Street, Wellington.

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 after the title. † Denotes an application under the International and Intercolonial Arrangements.)

No. 26283.—22nd July.—A. J. Eggleton, Dunedin, N.Z.

Building in concrete.*

No. 26284.—22nd July.—C. J. H. Thomson, Milton, N.Z.

Flax-treatment.

No. 26285.—22nd July.—A. M. Hansen, Dunedin, N.Z.

Standard.

No. 26286.—22nd July.—G. W. Penney, Dunedin, N.Z.

Ear-marking animals.

- No. 26287.—23rd July.—Perks, Dane, and Co. Proprietary, Limited, Melbourne, Vic.
Drying electric cables.* (*J. E. Dane.*)
- No. 26288.—23rd July.—B. and W. Trehwella, Trentham, Vic.
Winch.*
- No. 26289.—23rd July.—H. Anscombe, Dunedin, N.Z.
Gas water-heater.
- No. 26290.—26th July.—J. M. Taylor and H. Oakley, Christchurch, N.Z.
Snow-board.
- No. 26291.—26th July.—H. W. Davies, Wellington, N.Z.
Acetylene-gas generator.*
- No. 26292.—24th July.—W. E. Holden, Auckland, N.Z.
Displaying advertisements.
- No. 26293.—24th July.—M. A. Sinclair, Auckland, N.Z.
Plate-warmer.
- No. 26294.—26th July.—E. J. Chilton, Masterton, N.Z.
Closet-flush.
- No. 26295.—26th August, 1908.†—J. G. L. Stephenson, London, Eng.
Carburetter.*
- No. 26296.—27th July, 1908.†—B. E. D. Kilburn, London, Eng.
Explosive.*
- No. 26297.—27th July, 1908.†—B. E. D. Kilburn, London, Eng.
Explosive.*
- No. 26298.—27th July.—J. H. and D. M. Cook, Rochford, Vic.
Hame or trace hook.
- No. 26299.—27th July.—W. T. Taylor, Kaiapoi, N.Z.
Grab or bucket for dredging.
- No. 26300.—26th July.—W. V. Page, Auckland, N.Z.
Label-clip.
- No. 26301.—26th July.—W. T. Buckland, Dunedin, N.Z.
Cycle-driving mechanism.
- No. 26302.—26th July.—W. T. Buckland, Dunedin, N.Z.
Brake-block.
- No. 26303.—26th July.—W. Weir, Dunedin, N.Z.
Washing-machine.
- No. 26304.—28th July.—M. M. Walker, Wellington, N.Z.
Fire-blow for grates.
- No. 26305.—28th July.—J. T. Hunter, Wellington, N.Z.
Painting velocipede frames.* (*The Enfield Cycle Company, Limited, and W. Johnson.*)
- No. 26306.—28th July.—Murex Magnetic Company, Limited, London, Eng.
Ore-treatment.* (*A. A. Lockwood.*)
- No. 26307.—28th July.—E. Hayes, Otarehua, N.Z.
Windmill.
- No. 26308.—28th July.—A. H. Wright, Melbourne, Vic.
Displaying advertisements.
- No. 26309.—29th July.—W. F. Remus, Rangataua, N.Z.
Aeroplane.
- No. 26310.—29th July.—G. H. M. Baker, Ottawa, Canada.
Sawing-device.*
- No. 26311.—28th July.—H. Hardcastle, Lyttelton, N.Z.
Blowing soap-bubbles.
- No. 26312.—27th July.—The Sub-Target Company, Limited, London, Eng.
Apparatus for rifle-practice.* (*F. Mitchell.*)
- No. 26313.—28th July.—J. N. Griffin, Reweti, N.Z.
Spring wheel.
- No. 26314.—28th July.—J. Bate and H. F. McLeod, Auckland, N.Z.
Separating gold, &c.
- No. 26315.—28th July.—C. J. Wilkinson, Dunedin, N.Z.
Trolley-head controller.
- No. 26316.—28th July.—E. Fisher, Dunedin, N.Z.
Tie-fastening.
- No. 26317.—29th July.—H. J. Spencer, Hobart, Tas.
Heat-radiator.
- No. 26318.—29th July.—J. Edwards and W. G. Bowden, Melbourne, Vic.
Pump for boiler-feeding.
- No. 26319.—30th July.—J. E. Brydges, Wellington, N.Z.
Billiard-table.
- No. 26320.—31st July.—J. Harrison, Christchurch, N.Z.
Ventilator and ceiling light.*
- No. 26321.—31st July.—R. Kibblewhite and J. Stempa, Masterton, N.Z.
Swingle-tree mountings.
- No. 26322.—30th July.—F. J. Grogan, Douglas, N.S.W.
Trotting-sulky.
- No. 26323.—29th July.—G. S. Thomson, Albury, N.Z.
Acetylene generator.* (*W. J. Blair.*)
- No. 26324.—30th July.—D. McCurdy, Anderson's Bay, N.Z.
Elevator for drays, &c.
- No. 26325.—31st July.—R. W. Swindley, Dunedin, N.Z.
Bottle.
- No. 26326.—30th July.—H. Perrins, Smethwick, Eng.
Vehicle-wheel.*
- No. 26327.—30th July.—E. P. and J. F. Brady, Highland Park, U.S.A.
Turbine.*
- No. 26328.—29th July.—J. Ellis, Auckland, N.Z.
Game.
- No. 26329.—29th July.—G. Walker and C. R. Bell, Tuakau, N.Z.
Utilising flax waste.
- No. 26330.—2nd August.—J. T. Kibblewhite, Petone, N.Z.
Wheelbarrow.
- No. 26331.—2nd August.—W. G. Hancox, Petone, N.Z.
Polishing floors.
- No. 26332.—3rd August.—W. H. Fitchett, Shannon, N.Z.
Removable cycle handle-bar.
- No. 26333.—12th August, 1908.†—J. Blakey, London, Eng.
Carburetter.*
- No. 26334.—3rd August.—C. A. Parsons, Newcastle-on-Tyne, Eng.
Dynamo electric machinery.*
- No. 26335.—3rd August.—A. Wilshire, Manila, N.S.W.
Vehicle-seat.*
- No. 26336.—3rd August.—H. Irwin, Tikokino, N.Z.
Grass-cutter.
- No. 26337.—3rd August.—H. Fisher, Wellington, N.Z.
Bottle.
- No. 26338.—3rd August.—T. B. Longstaff, Bendigo, Vic.
Oven.
- No. 26339.—3rd August.—D. Armishaw, Kaitangata, N.Z.
Flying-machine.
- No. 26340.—3rd August.—S. McDonald, Invercargill, N.Z.
Aeroplane.
- No. 26341.—3rd August.—E. G. F. C. Sander, Greymouth, N.Z.
Animal-trap.
- No. 26342.—4th August.—L. G. Grace, Hawera, N.Z.
Milking-machinery.
- No. 26343.—4th August.—A. W. Reid, Stratford, N.Z.
Milking-machine pulsator.
- No. 26344.—4th August.—F. F. Fisher, Wellington, N.Z.
Waterproof cover or hood for letter-carriers.
- No. 26345.—4th August.—W. W. Cabena, Melbourne, Vic.
Rubber-manufacture.* (*W. Stocks.*)
- No. 26346.—4th August.—W. W. Cabena, Melbourne, Vic.
Purifying waste rubber.* (*W. Stocks and F. Kolbe.*)
- No. 26347.—4th August.—J. Forsyth, Auckland, N.Z.
Flax-treatment.
- No. 26348.—4th August.—E. Turpin, Dannevirke, N.Z.
Chaff-cutter-knife sharpener.
- No. 26349.—4th August.—T. Brown, Christchurch, N.Z.
Bag-printing machinery.* (*J. Troup.*)
- No. 26350.—4th August.—A. B. Bettington, Merriwa, N.S.W.
Decaudating-instrument.*
- No. 26351.—8th August, 1908.†—W. R. Bruce, Paisley, Scot., and F. Coutts, Elderslie, Scot.
Actuating-mechanism for tram-car life-guards.*
- No. 26352.—4th August.—A. Lyell, Wellington, N.Z.
Apple parer and corer.
- No. 26353.—4th August.—J. S. Browne, Hinuera, N.Z.
Liquid-funnel.
- No. 26354.—4th August.—M. B. Peck, Willowbridge, N.Z.
Bag-filling apparatus.*
- No. 26355.—2nd August.—R. Dunne and A. J. Park, Dunedin, N.Z.
Mitre-box fence-bevelling attachment.
- No. 26356.—31st July.—C. S. Beilby, Nelson, N.Z.
Sluice-valve.*
- No. 26357.—4th August.—F. Harbottle, Hobart, Tas.
Target.
- No. 26358.—2nd August.—A. H. Schmidt, Auckland, N.Z.
Wire-link machine.
- No. 26359.—3rd August.—J. Bate, Auckland, N.Z.
Drying flax-fibre.
- No. 26360.—3rd August.—W. H. Anscombe, Auckland, N.Z.
Wire-splice shield.
- No. 26361.—4th August.—P. H. Pritchett, Mt. Somers, N.Z.
Plough for burying turf.
- No. 26362.—30th July.—A. Turner, Otaika, N.Z.
Preserving oil-colours on paper.
- No. 26363.—5th August.—P. Ellis and W. Forester, Wellington, N.Z.
Flying-machine.

- No. 26364.—5th August.—A. W. Reid, Stratford, N.Z.
Teat-cup.*
- No. 26365.—5th August.—The Utility Manufacturing Company, Limited, Wellington, N.Z.
Flax-treatment. (W. F. Lietz.)
- No. 26366.—5th August.—E. Heke, Auckland, N.Z.
Horse-shoe.
- No. 26367.—3rd August.—W. Miller, Wellington, Eng.
Crucible furnace.*
- No. 26368.—3rd August.—W. H. Waters, Melbourne, Vic.
Straightway valve.* (Stewarts and Lloyds, Limited—S. Masters.)
- No. 26369.—4th August.—A. C. Dennes, Auckland, N.Z.
Billiard-marking register.
- No. 26370.—4th August.—P. L. Ritchie, Dunedin, N.Z.
Toy.
- No. 26371.—4th August.—R. Dunne and A. J. Park, Dunedin, N.Z.
Mitre box and cramp.
- No. 26372.—6th August.—R. Cleaver and F. Hutton, Wai-kaia, N.Z.
Wire-strainer.*
- No. 26373.—6th August.—F. Lough, Ruapekapeka, N.Z., and W. J. F. Hayter, Hamilton, N.Z.
Brick-manufacture.*
- No. 26374.—6th August.—H. M. Douglas, Wellington, N.Z.
Loose-leaf account-book.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 24th July to the 6th August, 1909, inclusive:—

- No. 24984.—E. Moss, fire-alarm.
No. 25126.—J. Gray, wheel-lubricator.
No. 25167.—H. Smart, spouting-bracket.
No. 25185.—J. Gray, spring tine cultivator.
No. 25292.—W. Levinson, cigarette-holder.
No. 25570.—C. Reed, window sash and frame.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 11th August, 1909.

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

No. 24344.—29th April, 1908.—CHARLES SUTTIE, of Waiharoa, Flax-miller, and MONTAGUE HARRISON WYNYARD, of Auckland, New Zealand, Solicitor. An improved method of holding fibre on wires in the field.*

Claims.—(1.) The combination of a wire or wires stretched along and held by posts or standards, with a length of narrow wire netting, the wire being threaded through the mesh of the netting, or the netting being bent over or round the wire and secured in position, substantially as and for the purposes described. (2.) The combination of two or more parallel wires stretched and held as aforesaid, with a corresponding length of wire netting stretched between and secured to two at least of such wires, substantially as and for the purposes described. (3.) The combination of a wire or wires stretched along and held as aforesaid, with a wire or thin rope or band twisted round one at least of the wires throughout its length, substantially as and for the purposes described.

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

No. 24346.—29th April, 1908.—CHARLES SUTTIE, of Waiharoa, Flax-miller, and MONTAGUE HARRISON WYNYARD, of Auckland, New Zealand, Solicitor. Improvements in flax-dressing.*

Claims.—(1.) In apparatus for treating New Zealand flax or other fibres, the combination of a travelling tensioned band across which the washed flax-blades are placed, a revolving wheel on a perpendicular axis having a groove

along its outer periphery in which the band runs, with one or more sets each of two revolving rollers tensioned close, and each set having their axes mounted in such a position that the washed blades carried by the tensioned band will be drawn between the two revolving rollers of each set, substantially as and for the purposes described. (2.) In apparatus for the purpose mentioned, the combination specified in claim 1 hereof, but having one or more of such rollers of metal, and hollow, and internally heated, substantially as and for the purposes described.

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

No. 24704.—21st July, 1908.—CHARLES WESLEY NANCE, of No. 348 Oxford Street, Paddington, Sydney, New South Wales, Australia, Provision-merchant. Improvements relating to means employed in the preservation and storage of perishable comestibles.*

Extract from Specification.—The means employed consist of, first, the packing of the comestibles in portable boxes composed of light waterproof material, such as oiled paper, the box in its formation being rendered gasproof, and having a lid to be sealed. The said boxes are fitted into and protected by a stouter box, a wire framing surrounding the lighter box for placing it in position or removing it. It is immaterial whether the outer casing be waterproof. Second, the open boxes with their contents are placed in suitable chambers upon grills or supports, constructed to allow each box to occupy an independent position so that the surrounding passages will allow free movement of the gaseous preservative subsequently used. Third, the association of the said chambers, which in their construction are adapted to be exhausted with a suitable appliance, such, for instance, as that described in the present applicant's application No. 24054, dated 26th February, 1908, and entitled "An appliance to be rendered operative by an impellent liquid for the extraction of air, vapour, gases, and suchlike," and the complete exhaustion of the air and gases contained in both the chambers and their contents. Fourth, the charging of the chambers and the boxes with carbonic-acid gas supplied from a separate container, and wholly enveloping the comestibles therewith. Fifth, the retention of the gas within the inner boxes by the use of sealing-lids which may be simultaneously fastened by an adhesive when the lids of the outer boxes are secured.

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

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

No. 24749.—28th July, 1908.—GEORGE RUSSELL FELLOWS, of Princes Street, Onehunga, Auckland, New Zealand, Furnace-builder and Bricklayer. Improved gas-producer and grate.*

Extract from Specification.—The invention consists of a form of grate-bar similar to four angle-irons welded together at the back, and forming wheels which, being geared together in couples, are made to revolve when required towards each other, which grip and abstract the dead residue and leave intact the red zone of fire above, thus preventing the inrush of cold air. The grate-bars are made lowest at the back, thus giving a fall for the water to run in their upper grooves across the entire grate immediately below the red zone of fire, the quantity being regulated to requirements, which on rising is decomposed, forming water-gas.

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

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

No. 24778.—11th August, 1908.—JOHN FITCHETT, of Ohio Road, Wellington, New Zealand, Coachbuilder. A tipping lorry or wagon.*

Claims.—(1.) In a tipping lorry or wagon, the hind framework under the body which enables springs to be placed under it without placing the hind wheels too close to the front wheels, substantially as described, and as shown on drawings. (2.) In a tipping lorry or wagon, a shortened hind underframe, a shaft or axle mounted near the rear thereof, a body pivotally supported by such shaft or axle, and a winch for raising the fore part of such body for tipping purposes, substantially as and for the purpose described.

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

No. 24793.—13th August, 1908.—JOHN POMEROY, of Invercargill, New Zealand, Inventor. Improvements in steam-boiler furnaces.*

Extract from Specification.—These objects are accomplished by forming at the back of the furnace an air-chamber which communicates with the ash-pit, and is formed by a series of curved spaced bars which constitute a hollow fire-bridge located between the inner ends of the ordinary fire-bars and the furnace-bridge. Heated air and steam are introduced into said chamber, and delivered through the hollow bridge into the flames of the furnace for the purpose of effecting complete combustion, and keeping the interstices of the fire-bridge clear. The bars of the hollow bridge are independently secured in position so that when any particular one is burnt or worn it is unnecessary to do more than replace such damaged one.

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

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

No. 24859.—31st August, 1908.—JAMES MOTTERSHEAD COLLINS, Accountant, and JOHN LOW, Wheelwright, both of Palmerston North, New Zealand. Improvements in appliances for use in treating flax and like fibres.*

Claim.—Means for the purpose described, consisting of the combination with a travelling chain, band, or the like of a pair of bars arranged parallel to each other below such chain, and so adjusted that the edges of the chain will engage with and rest upon the adjacent edges of the bars, substantially as specified.

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

No. 24861.—28th August, 1908.—FREDERICK CAPEL BROWN, of Waihi, New Zealand, Engineer. Improvements in ore-treatment.*

Claims.—(1.) In ore-treatment, the method of returning the concentrates from the concentrating-machines to the grinding-machines again and again until reduced to the required degree of fineness. (2.) In ore-treatment, the arrangement by which the concentrates are returned to the grinding-machines from the concentrators until they are reduced fine enough to pass away from the concentrating-machines along with the lighter portions of the ore.

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

No. 24961.—23rd September, 1908.—ALFRED FERRIS, of 2 Annand Street, North Fitzroy, near Melbourne, Victoria, Australia, Teacher; and JOSEPH JAMES POYNTON, of 114 Hambleton Street, Middle Park, Victoria aforesaid, Clerk. An improved post-hole digger.*

Claims.—(1.) In an implement of the class described, a helically curved blade making one complete turn around a central shaft, provided at its lower end with a leading point, and at its upper end with a tang or handle, a vertical cutting-member formed circumferentially on either end of the said blade, substantially as described and illustrated, and for the purposes set forth.

[NOTE.—Here follow two other claims.]

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

No. 25020.—6th October, 1908.—HAROLD SHEEN MARTIN, of 16 Cumberland Street, Liverpool, Lancaster, England, Electrical Engineer. A composition applicable for use for the purpose of damping, transmitting, or reproducing mechanical vibrations, and, if desired, translating them into electrical variations.*

Claims.—(1.) A composition applicable for use for the purpose of damping, transmitting, or reproducing mechanical vibrations or impulses, which consists of a mixture of granular material with a material in the form of small springy scales or flakes, the damping action being obtained by the resistance to distortion offered by the scales or flakes, substantially as described.

[NOTE.—Here follow two other claims.]

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

No. 25030.—7th October, 1908.—JAMES HENRY GRANT, of Wodonga, Victoria, Australia, Metallurgist. An improved method and apparatus for destroying rabbits and other like animals.

Extract from Specification.—I accomplish this object by applying to the burrows, warrens, or other like places a gas or fumes consisting of hydrocyanic acid or prussic acid in conjunction with a carrying-gas to mix with the said prussic acid and assist in its conveyance into the burrows or warrens. The hydrocyanic acid is generated by the action of the acid (say, nitric acid) upon the cyanide of [an alkaline earth (say, potassium acid)]. This carrying-gas preferably consists of sulphuretted hydrogen with or without sulphurous acid. As an apparatus I provide a portable generator for the formation of hydrocyanic acid and sulphuretted hydrogen, with or without a furnace for the formation of sulphurous acid, in combination with a blower or fan for forcing the fumes into the burrows, warrens, or other like places.

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

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

No. 25103.—21st October, 1908.—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 Orrell Ashton, of Lawrence, Essex, Massachusetts aforesaid, Machinist). Improvements in or relating to machines for use in conforming uppers to lasts.*

Claims.—(1.) For a machine for conforming uppers to lasts, a rotary pounding-device having beating-members retained thereon by supports between which and the members there is slack whereby the said members will be held outward by centrifugal force, but will swing and move inward on contact with the work, with or without smoothing-means reciprocated lengthwise of the edge of the shoe. (2.) A constructional form of the pounding-device claimed in preceding claiming-clause No. 1, in which the beating-members are constituted by rings or rolls having openings of larger dimensions than their supports.

[NOTE.—Here follow five other claims.]

(Specification, 11s. 6d. ; drawing, 3s.)

No. 25104.—21st October, 1908.—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 Arthur Bates, of Leicester, England, Engineer). Improvements in or relating to presses.*

Claims.—(1.) In a machine of the class described, the combination of a bed, a pressure-applying member, a support therefor located at one side of said bed, and means located between the bed and said support and extending to each side of the support for holding the surplus stock. (2.) A machine of the class described having, in combination, a bed, a pressure-applying member, a support therefor located at one side of said bed, and removable means located between the bed and said support and extending to each side of the support for holding the surplus stock.

[NOTE.—Here follow seven other claims.]

(Specification, 10s. 6d. ; drawing, 2s.)

No. 25199.—11th November, 1908.—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 Edwin Almon Webster, of Haverhill, Essex, Massachusetts aforesaid, Machinist). Improvements in or relating to heel-nailing machines.*

Claims.—(1.) For a nailing-machine, a nail-holder in combination with a guide that is adjustable to hold or to guide as well as hold the nail at different inclinations therein. (2.) For a nailing-machine, members which primarily afford a passage-way between them for the tip only of the nail (for example, Plates 11, 12, one upon the other, with corresponding nail-holes therein, and yielding-means for normally holding said plates with their respective nail-holes out of register) are adjustable in company transversely of the driver-path to deflect a nail relatively to the nail-passage to any

chosen degree within limits of adjustment to one or to opposite sides of the driver-path, and automatically (for instance, by reason of the action of the nail and driver against a bevelled side of the passage-way) widen the passage-way as the nail is driven.

[NOTE.—Here follow twelve other claims.]

(Specification, 15s. 6d. ; drawing, 1s.)

No. 25314.—9th December, 1908.—UNITED SHOE MACHINERY COMPANY, of Paterson, New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoemachinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, Massachusetts, in said United States of America (assignees of Eugene Lincoln Keyes, of said Boston, Suffolk, Manager). Improvements in or relating to machines for use in the manufacture of boots and shoes.

Claims.—(1.) In a machine for working into lasted position the upper of a welted shoe adjacent to the ends of the in-seam and the row of heel-seat tacks, means constructed and arranged to engage the shoe-stock and tighten the upper about the last, and means for securing the upper. (2.) In a machine for working into lasted position the upper of a welted shoe adjacent to the ends of the in-seam and the row of heel-seat tacks, means constructed and arranged to engage the shoe-stock and force the upper upwardly and inwardly over the edge of the last, and arranged to hold the upper under tension, and means for tacking the upper while it is so held.

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

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

No. 25693.—30th November, 1908.—HUGH CAMPBELL, of 312 City Road, South Melbourne, Victoria, Australia, Manufacturer. Improvements in spinning-tops.

[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.) A spinning-top formed with a recess in its upper end into which is fitted and frictionally held a second and smaller spinning-top, the outermost top being the driving-element.

[NOTE.—Here follow nine other claims.]

(Specification, 7s. 6d. ; drawing, 1s.)

No. 25764.—31st March, 1909.—WILLIAM TOWT, of Lilydale, Victoria, Australia, Farmer. Improvements in wire-strainers.*

Claims.—(1.) In a tool for tightening and connecting wires, an apex which is perforated and provided with a root or base located substantially as indicated. (2.) In a tool for tightening and connecting wires, the special construction illustrated by Figs. 1 and 2, as described. (3.) In a tool for tightening and connecting wires, the construction as a whole illustrated by Figs. 1, 2, 4, and 5, substantially as set forth.

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

No. 25813.—8th April, 1909.—ALFRED TYREE, of Christchurch, New Zealand, Boot-importer. A heel-stiffener for goloshes.

Claim.—A heel-stiffener for goloshes, made of leather, French box-toe canvas, or other material excepting metal, and formed in the manner described and explained, and as illustrated in the drawings.

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

No. 25825.—13th April, 1909.—JAMES WILLIAM RESTLER, of 17 Queen's Gate, Kensington, London, England, Engineer. Improvements in and connected with street boxes or covers for service cocks for water, gas, and other fluids.

Claims.—(1.) In street boxes or covers for service cocks or valves for water, gas, or other fluids, the provision of a sleeve or cap having a collar which rests on a shoulder formed in the box and secured in position by the under surface of the lid or cover, the upper portion of the sleeve or cap being provided with a square or other suitably shaped projection brought up to the level of the upper surface of the lid and

box, as described and illustrated by Figs. 1, 3, 4, and 5 in the specification and drawings. (2.) In street boxes or covers for service cocks or valves for water, gas, or other fluids, the provision of a means of sealing, securing, and preventing the tampering with of service cocks or valves by unauthorised persons, as described and illustrated by Figs. 1, 3, 5, 6, and 7 in the specification and drawings. (3.) The street boxes or covers for service cocks or valves for water, gas, electricity, or other fluids, as described and illustrated by Figs. 1, 2, 3, 4, 5, 6, and 7 in the specification and drawings.

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

No. 25829.—14th April, 1909.—WILLIAM ARTHUR HARGREAVES, of Russell Street, Woodville, South Australia, Australia, Analyst. An improved process for the production of iron or steel direct from iron-ore.

Claims.—(1.) A process for the production of iron or steel direct from iron-ore, consisting essentially of adding to the finely ground natural iron-oxide ore of a composition as stated, a sufficient quantity of finely divided aluminium to reduce the iron present, and initiating the reaction of the oxidation of the aluminium in any well-known manner.

[NOTE.—Here follow four other claims.]

(Specification, 6s.)

No. 25866.—26th April, 1909.—GEORGE SCOTT, of Manchester Street, Christchurch, New Zealand, Engineer. Improvements in the manufacture of confectionery centres.

Claim.—For the purpose indicated, reducing ingredients for confectionery centres to small particles, adding the required flavouring-materials, mixing the whole together, and passing the mixture through a forcing-machine or a lozenge or cutting machine, and finally coating the centre with chocolate, substantially as set forth.

(Specification, 1s. 3d.)

No. 25885.—28th April, 1909.—GEORGE GATES, of 151 North Crittenden Street, San Jose, California, United States of America, Machinist. Railway-rail support and fastener.

Claims.—(1.) An improved railway-rail support and fastener, comprising a reinforced-concrete tie having vertical perforations therethrough and adapted to support a rail-flange between said perforations, transverse bars upon said plate and inclined horizontally relative thereto, said bars having their inner ends made thinner than the outer ends, said thinner ends adapted to rest upon the flange of the rail and to form a shoulder to abut thereagainst, the outer ends of the bars resting in contact with the upper surface of said plate, said bars having oblong slots in the direction of their length, bolts passing through said slots, the plate, and the tie, and locking-nuts and washers for the bolts.

[NOTE.—Here follow two other claims.]

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

No. 25904.—10th June, 1908.—SAMUEL THOMAS SHIRT, of 586A George Street, Sydney, New South Wales, Cutler. Improvements in hand-shears.

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

Extract from Specification.—According to the invention as applied to cutting-out shears, the shanks or handles are pivoted on a hollow bearing through which passes a tension-bolt capable of being tightened up by a suitable nut. Adjacent to the bearing the shanks each have a recess in which takes the end of the detachable cutting-blades, and are partly held in same by means of screws, studs, or the like. The rising parts of the shears are preferably provided with a tension-screw in order that the relation of the cutting-edges of the blades may be quickly adjusted. I also prefer to have a screw on one of the finger-loops, the said screw taking against the other finger-loop, its purpose being to quickly adjust the points of the blades. In case of small shears or scissors I may substitute an ordinary screw for the hollow bearing and bolt, the holes therefor in the shanks being threaded to receive it.

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

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

No. 25908.—5th May, 1909.—ERNEST WRIGHT, of St. Mary's Cottage, Waxwell Lane, Pinner, Middlesex, England, Engineer. Improvements in machines for decorticating the fibrous leaves or stems of plants.

Claims.—(1.) In machines for decorticating the fibrous leaves or stems of plants, the employment of two sets of gripping-rollers, one of each set being movable by spring or weight-controlled, and the other fixed; a movable pillar or frame between each set of gripping-rollers, one movable gripping-roller being connected to a foot-lever for operation thereby, and the other to the pillar or frame, for automatic operation due to the tightening of the leaf between the gripping-rollers depressing the frame; the whole being operated upon and acting in the manner set forth for the purposes described.

[NOTE.—Here follow two other claims.]

(Specification, 7s. 6d.; drawing, 2s.)

No. 26003.—1st June, 1909.—HANS KNUDSEN, Engineer, of 12 Cyril Mansions, Battersea Park, London, S.W., England; and HANS BARTA, Engineer, of 187 Lavender Hill, London, S.W., England. Improvements in type-setting machines.

Extract from Specification.—According to this invention means are provided for individually setting any desired contact-pieces in the transmitting-machine so that such set contact-pieces are adapted to effect a mechanical contact with a moving member, such mechanical contact taking place only when it is desired to make an electric contact to close an electric circuit bringing about the transmission of a signal.

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

(Specification, 10s. 6d.; drawing, 3s.)

No. 26012.—1st June, 1909.—ARTHUR HENRY EDWARDS, of 96 Lordship Road, Stoke Newington, London, N., England, Engineer; and MARTIN DIEDERICH RUCKER, of Parliament Mansions, Victoria Street, London, S.W., England, Engineer. Improvements in or relating to aeroplanes and the like machines for mechanical flight.

Claims.—(1.) An aeroplane having planes extending forward from the transverse centre-line of balance and which converge forwardly and meet at the longitudinal centre-line of the aeroplane, and a plane or planes extending rearwardly from the points where same joins the said forwardly extending planes at the said transverse centre-line, said rearward plane or planes having a larger total superficial area than the forward planes, and having an opening substantially bounded by the inner edges of the sides of the forward and the inner edges of the sides of the rearward plane or planes, substantially as described.

[NOTE.—Here follow six other claims.]

(Specification, 10s. 6d.; drawing, 4s.)

No. 26033.—4th June, 1909.—JOHN LINDSAY, of Burnside, Dunedin, New Zealand, Inventor. Improved valve for keeping tobacco-pipe dry.

Claims.—(1.) In pipes used for smoking tobacco, a mouth-piece formed as a valve that allows inward suction to the mouth but prevents the reverse, and so keeps the tobacco dry and free from any mouth moisture, all substantially as shown on the drawing, and as described and explained. (2.) In pipes used by pipe-smokers, in combination with them, valves arranged to keep moisture from the mouth from entering the pipe-stem, while allowing the smoke to be drawn into the mouth, all substantially as set forth. (3.) A valve applied to the stem of a pipe for preventing moisture from entering the stem, all substantially as set forth.

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

No. 26059.—9th April, 1909.—ALEXANDER ANDERSON, of Kobb Street, Albion, Queensland, Australia, Foreman of Works. An automatic deodorant-distributor.

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

Claim.—In an automatic deodorant-distributor, a box having a hinged flap on top, said box adapted to be hinged to the closet-seat, in combination with a pipe internally fitted thereto provided with a feed inlet and discharge outlet, guide-plates having flanged edges fastened to the said

pipe and to the top, bottom, and sides of the box, and a covering-plate fastened to the guide-plates, as described and illustrated by drawings.

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

No. 26075.—15th June, 1909.—WILLIAM CAMPBELL PATERSON, of 211 East 20th Avenue, Denver, Colorado, United States of America, Gentleman. Improvements in pulp-agitators.

Extract from Specification.—My improved construction includes a funnel-shaped tank occupying a vertical position and having a centrally disposed pipe open at its upper extremity to allow the pulp which is carried upwardly through the pipe to overflow at its top and run back into the tank. The lower extremity of the pipe communicates with the body of the tank, whereby the pulp may be circulated from the bottom of the tank to the top, the pulp being kept in continuous motion until the metallic values are thoroughly dissolved. Provision is made for decanting or removing the solution containing the metallic values, and also for the separate removal of the solid material which, after agitation is completed, is allowed to settle in the lower part of the tank. For the better agitation of the pulp, the upper part of the tank is provided with a downwardly inclined riffling plate over which the pulp flows after being discharged from the upper extremity of the centrally located pipe. At the top of this pipe is a disc provided with a number of depressed run-ways through which the pulp flows to the outer portion of the tank, being discharged therefrom upon the outer edge of the riffling plate which is downwardly inclined from the outer wall of the tank, as indicated.

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

(Specification, 12s. 6d.; drawing, 2s.)

No. 26097.—16th June, 1909.—MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED, of Watergate House, Adelphi, London, England (assignees of Guglielmo Marconi, LL.D., D.Sc., of Watergate House, Adelphi, London, England). Improvements in wireless telegraphy.

Claims.—(1.) A station for duplex wireless telegraphy provided with transmitting and receiving apparatus rendered operative and inoperative alternately to each other in rapid succession, the operative periods of the transmitting apparatus being considerably shorter than those of the receiving apparatus, and the transmitting apparatus being such that the making of each sign occupies several operative periods, substantially as described.

[NOTE.—Here follow six other claims.]

(Specification, 8s. 6d.; drawing, 1s.)

No. 26103.—19th June, 1909.—NEW ZEALAND ACETYLENE GAS LIGHTING COMPANY, LIMITED, a corporation organized under the laws of New Zealand, carrying on business as Manufacturers and Importers of Acetylene Supplies, whose principal office is at 32 Octagon, Dunedin, New Zealand (inventor, Herbert Peachey Desmoulines, Secretary of said Company). Improvements in carbide-trays for acetylene generators.

Claims.—(1.) In carbide trays or crates, a detachable bar. (2.) In carbide trays or crates, a detachable bar, a pin secured thereto, a lug fixed to an end of the said tray or crate, substantially as and for the purpose set forth and as described, and illustrated in the drawings.

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

No. 26114.—23rd June, 1909.—ARTHUR CHARLES KING, Engineer, and JAMES KING, Gentleman, both of "Clifton," The Mall, Southgate, Middlesex, England; and FREDERICK HAMER, of Anchor Bridge House, Hayes, Middlesex aforesaid, Engineer. Improvements in or relating to the transmission of power from a prime mover to a load.

Claims.—(1.) A system or mechanism for transmitting power from a prime mover to a load through the medium of a dynamo-electric element and epicyclic gearing, characterized by the fact that the prime mover rotates the field-magnet structure, and the load is connected to one member of the epicyclic gearing which is geared to the armature part, said armature part being capable of rotation about its own axis and about the axis of the field-magnet structure, and the arrangement being such that when the field-magnet structure is rotated compound rotation is imparted to the armature part, the rotation of the armature about its own axis

when the field-magnet structure is energized being retarded more or less according to the excitation of the field-magnet structure, and therefore the power transmitted to, or the speed of, the load correspondingly varied.

[NOTE.—Here follow four other claims.]

(Specification, 10s. 6d. ; drawing, 3s.)

No. 26130.—22nd June, 1909.—ALBERT EDWARD HUMPHRIES, of Coxes Lock Mills, Weybridge, Surrey, England, Miller. Improvements in or relating to the milling of flour.

Claims.—(1.) For the purpose of modifying the properties of flour in the directions described, subjecting the flour or the stock, as a part of the process of manufacture, to a spray of water containing in solution or suspension an ingredient or ingredients having the desired effect. (2.) For the purpose of modifying the properties of flour in the direction or directions described, subjecting the stock to a spray of water. (3.) For increasing the gas-making qualities of flour, spraying the flour or the stock with a solution of maltose, dextrin, and a very small proportion of a malt extract of high diastatic power with or without ammonium-phosphate, substantially as described. (4.) For improving the dough, spraying the flour or the stock with a solution of one or more of the phosphates of calcium, magnesium, or potassium, or of any other appropriate salt, substantially as described. (5.) For retarding fermentation or as a corrective for degenerating enzymes in flours, spraying the flour or the stock with a dilute solution of caustic potash, potassium-carbonate, or the like, or a solution of common salt, substantially as described.

(Specification, 6s. 6d.)

No. 26134.—21st June, 1909.—AUGUSTIN LEON JEAN QUENEAU, of 5937 Overbrook Avenue, Philadelphia, United States of America, Metallurgical Engineer. Improvements in the metallurgy of zinc.

Claims.—(1.) The method of extracting and recovering zinc from zinc-ore which consists in preheating said zinc-ore (preferably to a temperature above that at which the reducing-agent to be used would burn in air), separately charging into a reducing-furnace the ore in the preheated state, and a reducing-agent (the reducing-agent likewise preferably preheated to a lower temperature) intimately mixing them within the furnace, subjecting the mixture to a reducing-atmosphere and a reducing-temperature, with exclusion of air, thereby releasing the zinc in the form of zinc-vapour, and condensing said vapour to the metallic state.

[NOTE.—Here follow six other claims.]

(Specification, 13s. 6d. ; drawing, 3s.)

No. 26146.—29th June, 1909.—THOMAS PARKER, M.I.C.E., of Croft House, Rosecroft Avenue, Hampstead, N.W., England, Engineer. Improvements relating to the distillation of coal and other carbonaceous substances.

Claims.—(1.) The provision in a coke-oven of means for independently controlling the temperature at a number of parts of the charge, for the purpose and substantially as described. (2.) In a coke-oven, the provision of means for alternatively supplying air under pressure and steam to the charge under treatment, with or without the addition of combustible gases under pressure, in the manner, for the purpose, and substantially as described. (3.) A beehive coke-oven constructed substantially as described with reference to the drawings. (4.) A cupola or longitudinal coke-oven constructed substantially as described with reference to Figs. 3 and 4 or Fig. 5 of the drawings.

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

No. 26149.—29th June, 1909.—HENRY SELBY HELE-SHAW, of 64 Victoria Street, Westminster, London, England, Consulting Engineer (Fellow of the Royal Society). Variable-stroke fluid-machine.

Claims.—(1.) A variable-stroke fluid-machine for use either as a pump or a motor with either compressible or incompressible fluid, the essential features of which are a multiplicity of rigidly connected cylinders symmetrically placed to insure practical uniformity of effort, the axes of the cylinders radiating in various directions perpendicularly from a fixed axis of rotation, a cylinder body or position in which the cylinders are formed rotating in contact with a fixed circular valve the induction and eduction ports of which are divided by a longitudinal plane, pistons or plungers having ends remote

from the circular valve rotating in a circle the axis to the plane of which is always parallel to the fixed axis common to the cylinder body and circular valve, and which (though in general fixed) is capable of movement to and fro at will so as to either coincide with or take positions on either side of the common fixed axis of the cylinder body, means for effecting the variation of the distance between the two axes so as to cause a common variation of the stroke of the pistons or plungers, and the change to opposite sides of the relative positions of the two axes enabling a reversal in the direction of motion to take place, means for enabling the respective free and unattached piston-heads to move with minimum friction to their circular path so that while they are compelled to move in that path the movement of each along the path is independent of the movement of any other in that path.

[NOTE.—Here follow thirteen other claims.]

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

No. 26150.—29th June, 1909.—ARTHUR ERNEST WILLIAM DAY, of 37 Ramsbury Road, St. Albans, England, Straw-hat Manufacturer; and VYSE, SONS, AND CO., LIMITED, of 76 Wood Street, London, England, Hat-manufacturers and Merchants. Improvements in hats.

Claim.—The adjustable cord or equivalent fitment to the body of a hat, for the purposes and arranged substantially as described and illustrated.

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

No. 26159.—14th April, 1909.—ALFRED SMITH, of 189B Manchester Street, Christchurch, New Zealand, Electrician; and ALBERT LAMB SMITH, of Manchester Street aforesaid, Commission Agent. An improved automatic fire-alarm.

Extract from Specification.—According to our invention we employ a closed circuit so that there is a constant though slight flow of electricity through the signal-transmitting apparatus. Upon the breakage of current due to the fusing of a special thermostat which we have devised, the current is cut off and the signal-transmitting apparatus released whereby a signal is transmitted over independent wires leading to the fire-station. The thermostat according to our invention consists of fusible wire which is interposed at as many points as may be necessary in the electrical circuit. The wire is composed of an alloy of metals fusing at a very low temperature and normally carries the current across a gap in the circuit. The fusible wire is preferably arranged in the form of a loop, the respective ends being connected to independent terminals in an insulated base which is secured to the wall. Each thermostat may be covered to prevent it from becoming accidentally damaged. The wires forming the electrical circuit within the room or building are led to the signalling-apparatus, which comprise electro-magnetic coils which normally sustain a soft-iron armature connected to a trip arrangement adapted to act as a stop in a clock train. This clock train carries a wheel having a number of projections, which projections one after the other engage with and raise a lever which at each movement opens an electrical circuit leading to a Morse or other suitable telegraph instrument placed in the fire-station. The projections from the signalling-wheel are so formed and spaced that the signal sent upon the dot-and-dash principle indicates upon the telegraph instrument the building from which the signal has been sent. Each signalling-apparatus has a wheel with a different arrangement of projections so that a different signal may be sent from each instrument.

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

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

No. 26243.—14th July, 1909.—EVERED HANHAM ARUNDEL LAMBERT, of "Richmond," 3 Whaling Road, North Sydney, New South Wales, Public Servant (Railways). A means for affording support to sheep and other live-stock during transportation or in confinement and for purposes incidental thereto.

Claims.—(1.) In any steam or other ship, road or railway vehicle, yard, pen, coop, space, place, or the like in which live-stock such as sheep, cattle, fowls, or the like may be transported or confined, the use of a net, grid, or the like (but distinct from the slings as commonly used for supporting individual horses and cattle in stalls on shipboard) that will allow of the said live-stock standing with their feet on the floor and yet prevent them from lying thereon, substantially as described and for the purposes set forth.

[NOTE.—Here follow five other claims.]

(Specification, 7s. ; drawing, 1s.)

No. 26261.—17th July, 1909.—**ROBERT LOUIS HOWELL MURRAY**, of Ponsonby, near Auckland, New Zealand, Engineer. An improved acetylene gas generator and holder.

Extract from Specification.—The improvements contained in this invention consist of, in combination, the improved method adopted of supplying the feed water to the carbide-chamber through the medium of self-regulating valves which not only automatically close the supply of water to the carbide-chambers when the gas-holder is sufficiently filled with gas, but adjust or regulate the supply of water in accordance with the demand for gas on the service to which the gas-holder is connected; in the use of two or more of such valves on the one generator working in conjunction with two or more carbide-chambers, and the weight and pin-wheel attachment whereby a minimum of attention and examination of the carbide in the chambers is required; in the improved form of carbide crates or trays which provide a sure means of supplying the necessary water to the separate divisions of such crates or trays and insure a regular supply of gas being generated, and preventing the possibility of overmaking the gas as is so commonly the case in other forms of crates; in the improved form of carbide-chamber doors and the cooler or condenser fitted with drain and service taps in the base of generator.

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

(Specification, 7s. 6d.; 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.

J. C. LEWIS,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 11th August, 1909.

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

- No. 25938.—H. G. Wells and A. Anderson, jute-bagging manufacture.
No. 25956.—J. W. Bates, account-book.
No. 26038.—F. Gough, perambulator foot-warmer.
No. 26047.—H. Drouleige, teat-cup.
No. 26056.—H. Brown, broom and brush holder.
No. 26069.—C. H. Scales, furniture-caster.
No. 26072.—W. Bassett, milking-machine teat-cup.
No. 26087.—L. G. Grace, aeroplane.
No. 26100.—L. G. Grace, vacuum pump.
No. 26105.—J. Treloar, vacuum pump for milking-machine.
No. 26110.—C. S. McLean, aeroplane.
No. 26124.—W. E. Hunter, preventing pigs from breaking through barriers.
No. 26142.—J. Trapski, plough-attachment.
No. 26145.—T. Kidd, vacuum pulsator.
No. 26163.—A. H. J. Parker, suspending window-sashes.
No. 26171.—H. R. R. Lohmann, air-motor.
No. 26172.—T. A. Glendinning and G. A. Coles, utilising waste animal and other substances.
No. 26173.—T. A. Glendinning and G. A. Coles, utilising waste leather and other substances.
No. 26180.—D. McCurdy, land and water motor.
No. 26184.—H. J. Chaffey, bullet for small-arms.
No. 26186.—M. A. Kinney, animal-trap.
No. 26187.—C. S. Brooker, shutting off steam and water from broken gauge-glass.
No. 26190.—B. Jeffrey, closet, &c., flush.
No. 26195.—C. Camm, withdrawing butter from churn.
No. 26200.—W. J. H. Beach, billiard-chalk holder.
No. 26204.—P. Wilson and H. R. Pike, clip and suspender for reference-book.
No. 26205.—H. H. Bach, tram-car safety appliance.
No. 26206.—W. McFarlane, J. Dyson, and A. J. Warren, ploughing, &c., implement.
No. 26210.—J. F. W. H. Shadick, pipe-joint.
No. 26211.—W. E. Kilroy, coal-scuttle.
No. 26212.—C. B. Smith, spring clip.
No. 26214.—R. E. Finch and R. S. and A. Newcomb, closet-disinfecting method.
No. 26216.—H. F. Vosseler, lathe screw-cutting timing-gear.
No. 26219.—L. G. Grace, vacuum motor.

- No. 26222.—M. Routley, tag-label printing and making machine.
No. 26223.—G. Hutchinson, scales.
No. 26225.—J. Stuart-Edward, plough.
No. 26227.—H. J. O'Neil, artificial rug.
No. 26231.—C. Tandy, fire-grate.
No. 26233.—W. Dunn, stove-protector.
No. 26234.—W. F. Johns, lift or elevator door operator.
No. 26236.—A. E. Foothead and W. Harwood, button-clip.
No. 26237.—R. Grimwood, grain-milling machine.
No. 26238.—H. Dunn, disposing of sand on mine dumps.
No. 26240.—C. F. Lungley, torpedo.
No. 26241.—L. G. F. Spry, candle-extinguisher.
No. 26244.—E. de Cossey and J. Williams, brake.
No. 26246.—F. W. Engelbrecht, seed-mixer.
No. 26254.—D. M. McGoun, phonograph.
No. 26255.—W. F. Munn, football, &c., boot.
No. 26257.—D. S. Mackenzie, dental filling, &c., apparatus.
No. 26258.—G. W. Davies, raising temperature of gases before being used for heating and lighting purposes.
No. 26263.—C. Young, collar for draft animals.
No. 26264.—O. B. Elliott, fire-alarm system.
No. 26265.—A. J. Whiteside, flax-handling device.
No. 26269.—United Shoe Machinery Company, machine for inserting fasteners. (G. Goddu and F. L. Mackenzie.)
No. 26270.—United Shoe Machinery Company, turn-shoe re-forming machine. (A. Bates and H. E. Cooper.)
No. 26285.—A. M. Hansen, fenoing-standard.
No. 26286.—G. W. Penney, apparatus for ear-marking animals.
No. 26300.—W. V. Page, attaching labels to fabric.

[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 23rd July to the 6th August, 1909, inclusive:—

- No. 24271.—W. E. Hughes, rail-bond. (Electric Railway Improvement Company—A. B. Herriek.)
No. 24272.—W. E. Hughes, rail-bond. (Electric Railway Improvement Company—A. B. Herriek.)
No. 24273.—W. E. Hughes, electrode for electric welding. (Electric Railway Improvement Company—A. B. Herriek.)
No. 24284.—C. Suttie and M. H. Wynyard, fibre-cleaner.
No. 24472.—G. C. Smart, friction hoist.
No. 24664.—T. Barnard, cycle-pedal clip.
No. 24964.—J. W. Owen, sound-record manufacture.
No. 25071.—J. Mitchell, building-plaster.
No. 25235.—J. C. Hancock and A. B. Thompson, rubber stud and heel-plate for boots and shoes.
No. 25259.—G. E. Taylor, sterilising and preservative tablets.
No. 25371.—J. P. H. Lund, ship's rudder.
No. 25475.—J. Mitchell, building-construction.
No. 25654.—J. F. Lütjohann, billiard-table cushion.
No. 25665.—A. Parker, A. G. Hume, J. Routley, M. Routley, R. E. Manley, and H. D. Vickery, label making and printing machine.
No. 25705.—M. L. Sweeney and C. H. Treat, cable code.
No. 25762.—N. T. Harrington, explosion engine.
No. 25763.—J. B. Seager, carburetor.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 19438.—R. O. Clark, hardening earthenware-pipe surfaces, &c. 4th August.
No. 19804.—J. J. Blockley and J. A. Lissington, ventilator-cowl, &c. 29th July.
No. 19818.—L. E. St. George, chimney-pot. 2nd August.
No. 19825.—J. Northey, hydraulic-ram valve. 31st July.
No. 19831.—H. Quertier, tram-rail cleaner. 3rd August.
No. 19847.—E. Elliott, wool, &c., washing machine. 4th August.
No. 19953.—The Rubberised Leather and Tire Company, Limited, preparing leather. (P. Magnus and T. J. Davis.) 3rd August.
No. 19956.—J. Dawson, suspension bridge. 30th July.
No. 19997.—J. Troup, bag-printing machine. 5th August.
No. 20139.—United Shoe Machinery Company, fasteners-inserting machine. (J. F. Davey.) 27th July.
No. 20040.—J. Macalister, manure, &c., feed. 7th August.

THIRD-TERM FEES.

- No. 15415.—United Shoe Machinery Company, assorting nails. (E. F. Mayo.) 27th July.

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. 14168.—Henry Eli White, of Christchurch, New Zealand, registered as proprietor so far as the Provincial District of Canterbury is concerned. Spouting-bracket. (J. W. and S. Hardley.) 29th July, 1909.

No. 15853.—Alfred Walker and Montague William Marriage, both of Ward Street, Dunedin, New Zealand, General Ironfounders. Combustion-chamber and fire-box for washing-copper. (F. J. Newberry and A. Walker.) 31st July, 1909.

No. 21722.—Alfred Walker and Montague William Marriage, of Ward Street, Dunedin, New Zealand, General Ironfounders. Portable-copper chimney. (F. J. Newberry and A. Walker.) 31st July, 1909.

No. 23722.—Note of mortgage (John Joseph O'Brien to Henry Louis Possenniskie, of Auckland, New Zealand, Tailor; Louis Lewis, of Auckland aforesaid, Auctioneer; and Ernest Hyam Davis, of Auckland aforesaid, Brewer) of share or interest in profits derived from manufacture or sale of invention entered on Register. Washing drinking-utensils. (J. Dixon and J. C. F. Lawrence.) 3rd August, 1909.

No. 24568.—Ada Jane Wright, of "Grahamstadt," Harvey Street, Malvern, Melbourne, Victoria, Married Woman. Indicating and displaying device. (F. C. Thompson.) 27th July, 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 25th July to the 6th August, 1909, inclusive:—

No. 24978.—H. F. Cameron, beer-tap.
No. 24983.—A. C. V. Torr, clothes-peg.
No. 24989.—A. Parker and A. G. Hume, label making and printing machine.

No. 24990.—C. W. Penney, loading-apparatus for drays.
No. 24991.—F. H. Mander, saw-frame spacing-device.
No. 24992.—W. E. Garey, electric-lamp holder.
No. 25002.—H. C. Thomsen, cocksfoot-thresher and seed-fanner.

No. 25003.—A. Bunting, milking-machine.
No. 25004.—A. Horman, artificial minnow.
No. 25006.—H. R. Smith, force-pump.
No. 25008.—W. H. Hennah and A. K. W. Rissel, ship's-course recorder and alarm.
No. 25010.—W. E. Mainwaring, telephone-disinfectant.
No. 25015.—M. Henry, turnip-cutter.
No. 25018.—A. T. Macalpin, sack-fastener.

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 25th July to the 7th August, 1909, inclusive:—

No. 24331.—J. Cuthbert, fire-kindler.
No. 24332.—T. B. Robertson, potato, &c., peeler, &c.
No. 24345.—C. Suttie and M. H. Wynyard, flax-dressing apparatus.
No. 24350.—J. P. Stevenson, holder for playing-cards.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 25th July to the 7th August, 1909, inclusive:—

No. 23953.—J. Baillie, boiler-furnace tile.
No. 23978.—R. W. Gibbs and B. Rentoul, brushing and cleaning phonograph records.
No. 23983.—F. W. Payne, obtaining power from running water.
No. 23984.—J. Anderson and J. D. Hunter, curd-rack.
No. 23986.—W. J. Roebuck and J. D. T. Paulin, platform-bracket for ladders.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 25th July to the 7th August, 1909, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 19388.—C. E. E. Smith, flax-drying apparatus.
No. 19391.—H. M. Gail, telephone-transmitter.
No. 19393.—W. E. Hughes, bottle-seal. (G. H. Gillette.)
No. 19394.—J. Bowring, obstruction-remover.

No. 19399.—A. H. Burt, H. Jackson, and C. A. Finch, extracting grease from wool.

No. 19406.—C. Burridge, water-purifier.
No. 19409.—C. B. Gaby, hoisting-machine, &c.
No. 19411.—G. H. Clapham and J. L. Barlow, spouting-bracket.

No. 19421.—W. Merralls, stamp-battery mortar.
No. 19423.—P. H. Watts, cream-separator.
No. 19424.—A. S. D. Cribb, locomotive engine.
No. 19425.—N. Lombard, governor.
No. 19426.—H. J. Horstmann, mercury-vapour amalgamator.

No. 19427.—G. T. Macfarlane, derrick and winch.
No. 19432.—W. Edwards and T. Larsen, window-sash.
No. 19739.—E. V. Jones, advertising device.
No. 20881.—The British Westinghouse Electric and Manufacturing Company, Limited, securing blades to turbines. (C. E. Sweet.)

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 14084.—American Mineral-water Machine Company, aerated-water apparatus. (P. E. Malinstrom.)

No. 14808.—J. Murison and C. L. Wait, securing sleeve to bucket dredge.

No. 14810.—F. J. King, magnetic separator.
No. 14813.—The Copper Company, Limited, electro deposition of metals. (R. D. Sanders.)

No. 14839.—E. O'Connor, truss.
No. 14849.—J. H. A. McPhee, separating magnetic materials.

No. 14859.—H. Gunn, A. G. Kenderdine, M. H. Scott, and M. J. Connor, spark-stopper. (H. Gunn.)

No. 14866.—The Christchurch Brick Company, Limited, brick-manufacture. (E. J. Parrott.)

THROUGH EXPIRY OF TERM.

No. 7771.—A. Shiels, milking-machine.
No. 7772.—C. Hoepfner, metal-extraction.

No. 7781.—J. Durward, H. J. Topliss, and C. Topliss, engine-governor.

No. 7800.—H. L. Mainland, rabbit-trap.
No. 7801.—H. W. Godfrey, C. F. Leake, and C. E. Lucas, floor-cloth.

Design registered.

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

No. 487.—New Zealand Brick, Tile, and Pottery Company, Limited, of Auckland, New Zealand, Pipe-manufacturers. Class 4. 3rd August, 1909.

Design expired.

THE copyright in the following design has expired:—

No. 214.—F. J. Mahoney, of Christchurch, New Zealand. (Vaporiser tube.)

Applications for Trade Marks filed.

LIST of applications for registration of Trade Marks filed from the 23rd July to the 5th August, 1909, inclusive:—

No. 8131.—23rd July.—A. McNaughton, Dunedin, New Zealand. Class 50.

No. 8132.—26th July.—G. H. and J. H. Jackson, Wellington, N.Z. Class 1.

No. 8133.—26th July.—D. R. Chisholm and Co., Christchurch, N.Z. Class 3.

No. 8134.—26th July.—R. Arlow and Co., Limited, Christchurch, N.Z. Class 42.

No. 8135.—26th July.—A. and T. Burt, Limited, Dunedin and elsewhere, N.Z. Class 5.

No. 8136.—27th July.—The Spirella Company, Meadville, U.S.A. Class 38.

No. 8137.—27th July.—T. D. Lambert, Dublin, Ireland, Class 2.

No. 8138.—27th July.—W. Migge, London, Eng. Class 48.

No. 8139.—27th July.—H. J. Baron, Christchurch, N.Z. Class 22.

No. 8140.—28th July.—Mulcott Belting Company, Limited, Bradford, Eng. Class 40.

No. 8141.—28th July.—R. Bell and Co., Bromley-by-Bow, Eng., and Richmond, Vic. Class 47.

No. 8142.—29th July.—Reliance Commercial Agency, Christchurch, N.Z. Class 49.

Nos. 8143, 8144, and 8145.—29th July.—R. Heath and Sons, Limited, London, Eng. Class 5.

Nos. 8146, 8147, and 8148.—29th July.—Nederlandsche Gist- & Spiritusfabriek, Hof van Delft, Holland. Class 43.

No. 8149.—29th July.—G. M. Lee and G. Rennie, Auckland, N.Z. Class 4.

No. 8150.—30th July.—B. K. B. and A. Gundelfinger, Johannesburg, Trans. Class 42.
 No. 8151.—31st July.—J. B. MacEwan and Co., Limited, Wellington, N.Z. Class 42.
 No. 8152.—2nd August.—R. L. H. Murray, Auckland, N.Z. Class 18.
 No. 8153.—2nd August.—Great Northern Brewery, Limited, Auckland, N.Z. Class 43.
 Nos. 8154 and 8156.—3rd August.—E. Leurent, Tourcoing, France. Class 34.
 Nos. 8155 and 8157.—3rd August.—E. Leurent, Tourcoing, France. Class 38.
 No. 8158.—3rd August.—J. Haig and Co., Limited, Markinch, Scotland. Class 43.
 No. 8159.—3rd August.—F. C. Calvert and Co., Bradford, Eng. Class 1.
 No. 8160.—3rd August.—F. C. Calvert and Co., Bradford, Eng. Class 2.
 No. 8161.—3rd August.—F. C. Calvert and Co., Bradford, Eng. Class 3.
 No. 8162.—3rd August.—F. C. Calvert and Co., Bradford, Eng. Class 47.
 No. 8163.—3rd August.—F. C. Calvert and Co., Bradford, Eng. Class 48.
 Nos. 8164 and 8165.—4th August. E. Merck, Darmstadt, Germany. Class 3.
 No. 8166.—4th August.—C. Davidson and Sons, Limited, London, Eng. Class 36.
 No. 8167.—4th August.—J. Walker and Sons, Limited, Kilmarnock, Scot., and Sydney, N.S.W. Class 43.
 Nos. 8168, 8169, 8170, and 8171.—5th August.—J. Nathan and Co., Limited, Wellington, N.Z. Class 5.
 Nos. 8172 and 8173.—5th August.—C. A. Fletcher, Wellington, N.Z. Class 3.
 No. 8174.—3rd August.—Milsom and Co., Wellington, N.Z. Class 48.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 11th August, 1909.

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: 7447.
Date: 16th July, 1908.

TRADE MARK.

The word

PETROLITE

NAME.

PETROLITE LIMITED, of No. 106 York Road, Lambeth, England, Manufacturers.

No. of class: 13.

Description of goods: Lamps and appliances for illuminating purposes not included in other classes.

No. of application: 7696.
Date: 23rd November, 1908.

TRADE MARK.

W

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since before the 1st January, 1890,

NAME.

WINCHESTER REPEATING ARMS COMPANY, a corporation organized under the laws of the State of Connecticut, and having its principal place of business at 190 Winchester Avenue, Connecticut, United States of America.

No. of class: 19.

Description of goods: Firearms and ammunition.

No. of application: 7697.

Date: 23rd November, 1908.

TRADE MARK.

The word

Winchester

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since before the 1st January, 1890.

NAME.

WINCHESTER REPEATING ARMS COMPANY, a corporation organized under the laws of the State of Connecticut, and having its principal place of business at 190 Winchester Avenue, Connecticut, United States of America.

No. of class: 19.

Description of goods: Firearms and ammunition.

No. of application: 7698.

Date: 23rd November, 1908

TRADE MARK.

H

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since before the 1st January, 1890.

NAME.

WINCHESTER REPEATING ARMS COMPANY, a corporation organized under the laws of the State of Connecticut, and having its principal place of business at 190 Winchester Avenue, Connecticut, United States of America.

No. of class: 19.

Description of goods: Firearms and ammunition.

No. of application: 7699.

Date: 23rd November, 1908.

TRADE MARK.

W. R. A. Co.

The applicants claim that the said trade mark has been used by them in respect of the articles mentioned since before the 1st January, 1890.

NAME.

WINCHESTER REPEATING ARMS COMPANY, a corporation organized under the laws of the State of Connecticut, and having its principal place of business at 190 Winchester Avenue, Connecticut, United States of America.

No. of class: 19.

Description of goods: Firearms and ammunition.

No. of application : 8012.
Date : 27th May, 1909.

TRADE MARK.
The word
RINOLDI.

NAME.
THOMAS CARTER REYNOLDS, of 118 Williams Road, Prahran, Victoria, in the Commonwealth of Australia.

No. of class : 42.
Description of goods : Macaroni, vermicelli, Italian pastes.

No. of application : 8073.
Date : 24th June, 1909.



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

NAME.
A. L. ROSS AND Co., of 156 Hereford Street, Christchurch, in the Dominion of New Zealand, Merchants.

No. of class : 50.
Description of goods : Asbestos stove mats and plates.

No. of application : 8092.
Date : 5th July, 1909.



The essential particulars of this trade mark are—the combination of devices, the words "Bull's Head," and the distinctive label; and applicants disclaim any right to the exclusive use of the added matter, except their name.

NAME.
COWIE AND Co., of Main South Road, Caversham, Dunedin, in the Dominion of New Zealand, Brewers and Bottlers.

No. of class : 43.
Description of goods : Ale, stout, and all fermented liquors and spirits.

No. of application : 8094.
Date : 31st March, 1909.

TRADE MARK.
The word
ORIFLAMME.

NAME.
COMPAGNIE FRANCAISE DU GRAMOPHONE, of 15 Rue Bleue, Paris, France, Manufacturers.

No. of class : 8.
Description of goods : Talking-machines, talking-machine records, and talking-machine accessories.

NOTE.—This application is made in accordance with the International Arrangements (section 98), the date given being that of the application in France.

No. of application : 8113.
Date : 27th July, 1909.

TRADE MARK.
The words
CROWN BRAND CLOTHING.

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

NAME.
THE CROWN CLOTHING MANUFACTURING COMPANY, LIMITED, of Christchurch, in the Dominion of New Zealand.

No. of class : 38.
Description of goods : Clothing, but not corsets, or boots or shoes, or articles of such description.

No. of application : 8123.
Date : 22nd July, 1909.



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

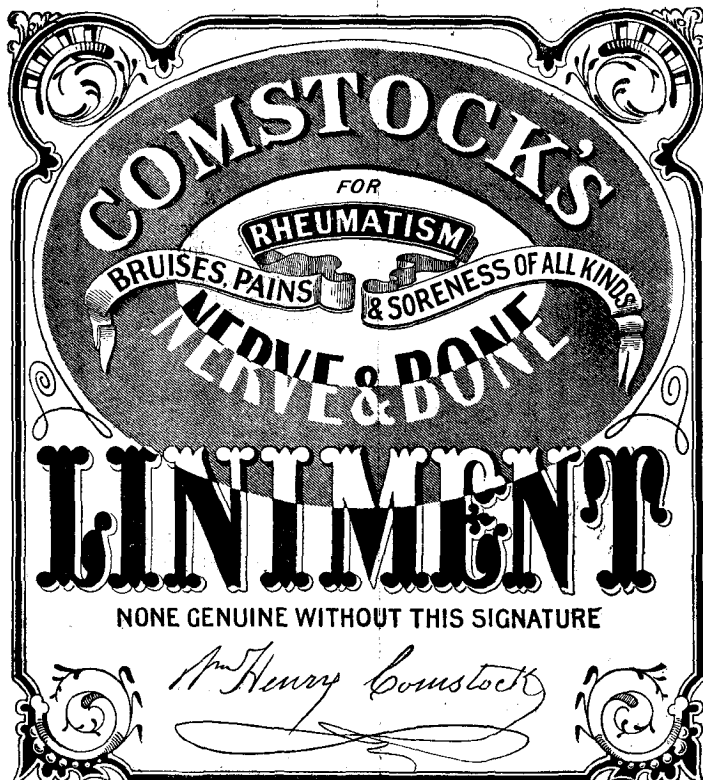
NAME.
DARLING PROPRIETARY, LIMITED, of 381 Little Collins Street, Melbourne, in the State of Victoria, Commonwealth of Australia, Manufacturers.

No. of class : 1.
Description of goods : A preparation for plating or coating metallic articles with silver.

No. of application : 8127.

Date : 22nd July, 1909.

TRADE MARK.



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

The applicants claim that the said trade mark has been used by them in respect of the article mentioned for twenty five years.

NAME.

THE W. H. COMSTOCK COMPANY, LIMITED, of Morristown, New York, in the United States of America, Patent-medicine Manufacturers.

No. of class : 3.

Description of goods : Comstock's nerve and bone liniment.

No. of application : 8130.

Date : 23rd July, 1909.

TRADE MARK.

The word

TRIUMPH.

NAME.

A. AND T. BURT, LIMITED, of Dunedin and elsewhere, in the Dominion of New Zealand, Importers and Manufacturers.

No. of class : 18.

Description of goods : Gas-mantles.

No. of application : 8132.

Date : 26th July, 1909.

TRADE MARK.

The word

GIANT.

NAME.

G. H. JACKSON and J. H. JACKSON, trading as "Jackson and Co.," corner of Cuba Street and Jervois Quay, Wellington, in the Dominion of New Zealand.

No. of class : 1.

Description of goods : Knotting, spirit varnishes, colours, and dryers.

No. of application : 8134.
Date : 26th July, 1909.

The words **TRADE MARK.**

SAUSAGINA.
STERILIZED SAUSAGE MEAL.

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

NAME.

R. ARLOW AND CO., LIMITED, of 142 Manchester Street, Christchurch, in the Dominion of New Zealand, Butchers, Merchants, &c.

No. of class : 42.

Description of goods : Sausage meal (for use in the preparation of sausage meats).

No. of application : 8135.
Date : 26th July, 1909.

The word **TRADE MARK.**

CHAMPION.

NAME.

A. AND T. BURT, LIMITED, of Dunedin and elsewhere, in the Dominion of New Zealand, Importers and Metal-manufacturers.

No. of class : 5.

Description of goods : Corrugated and plain sheet iron, all galvanised.

No. of application : 8136.
Date : 27th July, 1909.

The word **TRADE MARK.**

SPIRELLA.

NAME.

THE SPIRELLA COMPANY, a corporation under the laws of the State of Pennsylvania, United States of America, and having its principal place of business at Meadville, in the County of Crawford in the said State, Manufacturers.

No. of class : 38.

Description of goods : Wearing-apparel.

No. of application : 8137.
Date : 27th July, 1909.

The word **TRADE MARK.**

REDUCIN

NAME.

THOMAS DRUMMOND LAMBERT, JUN., trading as "The Reducine Company," of 38 South Frederick Street, Dublin, Ireland, Veterinary-medicine Manufacturer.

No. of class : 2.

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

No. of application : 8138.
Date : 27th July, 1909.

TRADE MARK.



PULCHRIT

NAME.

WILLIAM MIGGE, of 10 Eastcheap, London, E.C., England, Merchant.

No. of class : 48.

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

No. of application : 8142.
Date : 29th July, 1909.

The word **TRADE MARK.**

BOMB-BOMB.

NAME.

RELIANCE COMMERCIAL AGENCY, of 131 Cashel Street, Christchurch, in the Dominion of New Zealand.

No. of class : 49.

Description of goods : A game.

No. of application : 8145.
Date : 29th July, 1909.

The word **TRADE MARK.**

RAVENSDALE.

NAME.

ROBERT HEATH AND SONS, LIMITED, of 90 Cannon Street, London, England, Manufacturers.

No. of class : 5.

Description of goods : Hoops of iron and steel.

No. of application : 8146.
Date : 29th July, 1909.

TRADE MARK.



FREEBOOTER

NAME.

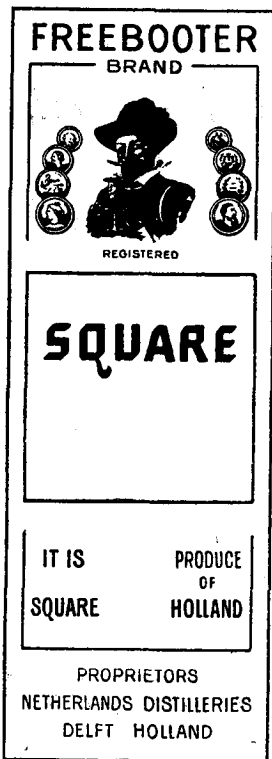
NEDERLANDSCHE GIST - & SPIRITUSFABRIEK, also trading as "Netherlands Distilleries," of Hof van Delft, Delft, Holland.

No. of class : 43.

Description of goods : Spirits of all kinds, including schnapps.

No. of application : 8147.
Date : 29th July, 1909.

TRADE MARK.



The essential particulars of this trade mark are the distinctive label containing combination of devices, and word "Freebooter"; and applicants disclaim any right to the exclusive use of the added matter, except their name and address.

NAME.

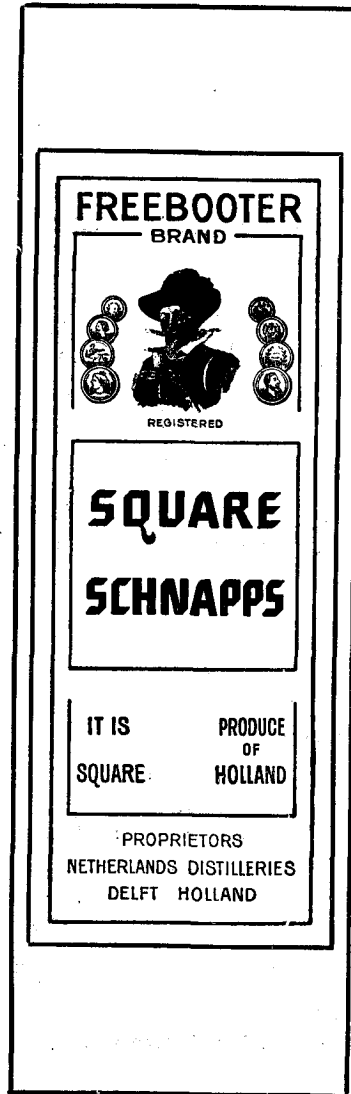
NEDERLANDSCHE GIST — & SPIRITUSFABRIEK, also trading as "Netherlands Distilleries," of Hof van Delft, Delft, Holland.

No. of class : 43.

Description of goods : Spirits of all kinds, including schnapps.

No. of application : 8148.
Date : 29th July, 1909.

TRADE MARK.



The essential particulars of this trade mark are the distinctive label containing combination of devices, and word "Freebooter," printed in the distinctive colours shown in application, and the whole being arranged on a background of pale blue; and applicants disclaim any right to the exclusive use of the added matter, except their name and address.

NAME.

NEDERLANDSCHE GIST - & SPIRITUSFABRIEK, also trading as "Netherlands Distilleries," of Hof van Delft, Delft, Holland.

No. of class : 43.

Description of goods : Schnapps.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 24th July to the 6th August, 1909, inclusive:—

- No. 6270/7795.—Parke, Davis, and Co. Class 3. (*Gazette* No. 7, of the 28th January, 1909.)
 No. 6271/7304.—W. Taine. Class 2. (*Gazette* No. 49, of the 25th June, 1908.)
 No. 6272/7343.—W. Taine. Class 1. (*Gazette* No. 46, of the 11th June, 1908.)
 No. 6273/7518.—La Asociacion de Fabricantes de Tabacos de La Habana. Class 45. (*Gazette* No. 12, of the 11th February, 1909.)
 No. 6274/7632.—S. J. Shimer and Sons. Class 6. (*Gazette* No. 94, of the 26th November, 1908.)
 No. 6275/7620.—R. Jamieson and Co. Class 34. (*Gazette* No. 85, of the 29th October, 1908.)
 No. 6276/7479.—D. Benjamin and Co. Class 14. (*Gazette* No. 64, of the 20th August, 1908.)
 No. 6277/7707.—Carbona Products Company. Class 50. (*Gazette* No. 100, of the 10th December, 1908.)
 No. 6278/7839.—T. Hine and Co. Class 43. (*Gazette* No. 21, of the 11th March, 1909.)
 No. 6279/7311.—L. Caselberg and Co., Limited. Class 44. (*Gazette* No. 43, of the 28th May, 1908.)
 No. 6280/7770.—P. Hayman and Co. Class 42. (*Gazette* No. 4, of the 14th January, 1909.)
 No. 6281/7811.—P. Hayman and Co. Class 10. (*Gazette* No. 12, of the 11th February, 1909.)
 No. 6282/7812.—P. Hayman and Co. Class 10. (*Gazette* No. 12, of the 11th February, 1909.)
 No. 6283/7788.—J. Kitchen and Sons, Limited. Class 47. (*Gazette* No. 7, of the 28th January, 1909.)
 No. 6284/7789.—J. Kitchen and Sons, Limited. Class 47. (*Gazette* No. 7, of the 28th January, 1909.)
 No. 6285/7790.—J. Kitchen and Sons, Limited. Class 48. (*Gazette* No. 7, of the 28th January, 1909.)
 No. 6286/7922.—P. Loopuyt and Co. Class 43. (*Gazette* No. 41, of the 20th May, 1909.)
 No. 6287/7973.—H. Berry and Co. Class 42. (*Gazette* No. 41, of the 20th May, 1909.)
 No. 6288/7858.—G. S. Marley. Class 3. (*Gazette* No. 24, of the 25th March, 1909.)
 No. 6289/7970.—Gollin and Co. Proprietary, Limited. Class 38. (*Gazette* No. 41, of the 20th May, 1909.)
 No. 6290/7476.—W. H. Bartlett. Class 39. (*Gazette* No. 72, of the 17th September, 1908.)
 No. 6291/7478.—W. H. Bartlett. Class 39. (*Gazette* No. 72, of the 17th September, 1908.)
 No. 6292/7633.—W. H. Bartlett. Class 39. (*Gazette* No. 85, of the 29th October, 1908.)

Subsequent Proprietors of Trade Marks registered.

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

- No. 78/4508.—Phipps, Turnbull, and Co., of 312 Flinders Street, Melbourne, Victoria, Australia, Merchants. (P. Turnbull, "Phipps, Turnbull, and Co.") 5th August, 1909.
 No. 2970/2640.—Bovine, Limited, of Jacob Street, Bermondsey, London, England, Manufacturers. (Bovine, Limited.) 28th July, 1909.
 No. 7505/6069.—J. Moores and Sons, Limited, of 33 Heaton Street, Denton, Lancashire, England, Wholesale Hat-manufacturers. (J. Moores and Sons.) 3rd August, 1909.

Trade Mark Renewal Fees paid.

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

- No. 1476/1305.—29th July, 1909.—J. H. Dalton, Auckland, New Zealand. Class 38. 26th July, 1909.
 No. 1477/1198.—1st August, 1909.—The Birmingham Small Arms and Metal Company, Limited, Small Heath, England. Class 22. 29th July, 1909.

Nos. 1492/1200, 1493/1201, and 1494/1202.—24th August, 1909.—Victor Klotz (trading as Ed. Pinaud), Paris, France. Class 48. 3rd August, 1909.

No. 1533/1247.—18th October, 1909.—John Haig and Co., Limited, Markinch, Scotland. Class 43. 3rd August, 1909.

Applications for Trade Marks abandoned or refused.

LIST of applications for registration of Trade Marks abandoned or refused from the 14th July to the 11th August, 1909, inclusive:—

- Nos. 7146, 7147.—23rd January, 1908.—J. Matthews, Sydney, N.S.W. Classes 1 and 42.
 No. 7173.—6th February, 1908.—J. Matthews, Sydney, N.S.W. Class 42.
 No. 7188.—18th February, 1908.—J. Matthews, Sydney, N.S.W. Class 4.
 No. 7217.—18th March, 1908.—H. R. Denne, Ilford, Eng. Class 38.
 No. 7266.—9th April, 1908.—G. A. Coles and Co., Auckland, N.Z. Class 38.
 No. 7288.—29th April, 1908.—C. F. Bunz, Christchurch, N.Z. Class 42.
 No. 7338.—23rd May, 1908.—T. J. C. Gurr and Co., Wanganui, N.Z. Class 43.
 No. 7359.—30th May, 1908.—A. Tyree and Co., Limited, Christchurch, N.Z. Class 38.
 No. 7360.—30th May, 1908.—Carder Bros. and Co., Auckland, N.Z. Class 16.
 No. 7361.—1st June, 1908.—L. Wilson, Ourubia, N.Z. Class 42.
 No. 7362.—1st June, 1908.—W. S. Wilson, Winton, N.Z. Class 39.
 No. 7365.—4th June, 1908.—T. B. Fairbairn and Co., Dunedin, N.Z. Class 47.
 No. 7386.—12th June, 1908.—A. L. Lee, Christchurch, N.Z. Class 3.
 Nos. 7389, 7390, 7391, and 7392.—16th June, 1908.—A. L. Liberty ("Liberty and Co."), London, Eng. Classes 24, 31, 14, and 14.
 No. 7404.—24th June, 1908.—J. Watson ("Cowan and Co."), Port Chalmers and Mataura, N.Z. Class 42.
 Nos. 7405 and 7406.—25th June, 1908.—J. W. Davis, Wellington, N.Z. Class 50.
 No. 7413.—27th June, 1908.—J. J. Harris, Wellington, N.Z. Class 47.
 No. 7434.—11th July, 1908.—Tootal Broadhurst Lee Company, Limited, Manchester, Eng. Class 24.
 No. 7477.—30th July, 1908.—W. H. Bartlett, Auckland, N.Z. Class 39.

Applications for Trade Marks withdrawn.

THE following applications for Trade Marks have been withdrawn:—

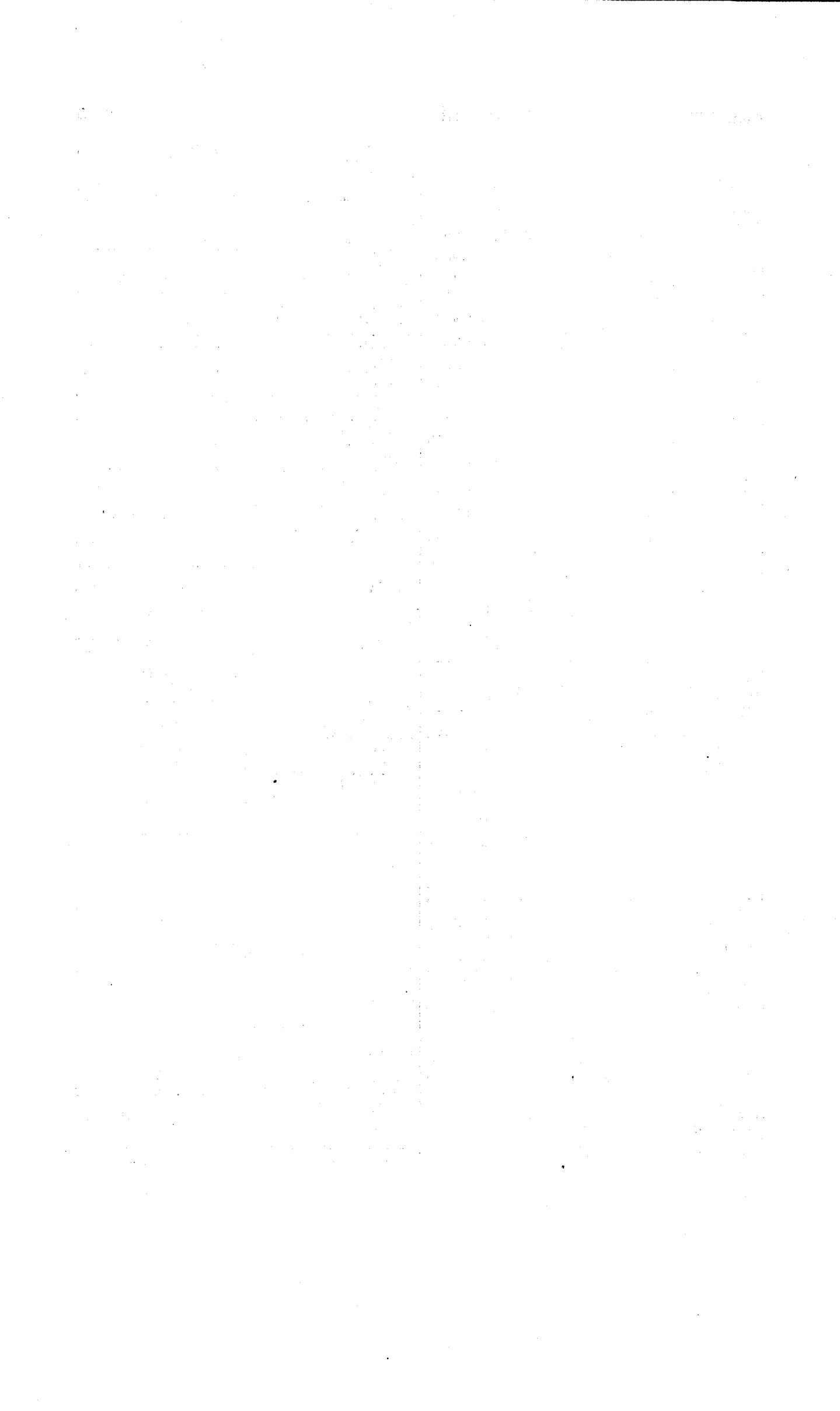
- Nos. 7791, 7792, and 7793.—Kempthorne, Prosser, and Co.'s New Zealand Drug Company, Limited. (Advertised in Supplement to *New Zealand Gazette* No. 30, of the 8th April, 1909.)
 No. 7905.—C. J. Carroll, G. R. Hall, and A. Griffith (trading as The Australian Milk Ferment Proprietary). (Advertised in Supplement to *New Zealand Gazette* No. 30, of the 8th April, 1909.)

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 25th July to the 7th August, 1909, inclusive:—

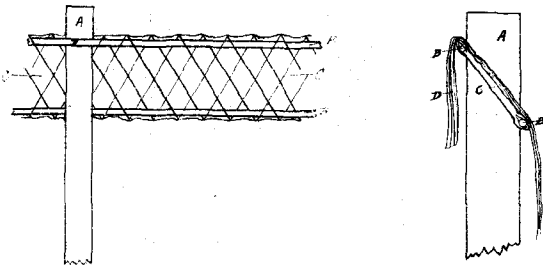
- No. 1424/1124.—29th April, 1895.—G. H. Dennison, of Oamaru, New Zealand. Class 42.
 No. 1425/1122.—30th April, 1895.—The Electric Stove-polish Company, Christchurch, New Zealand. Class 50.

By Authority: JOHN MACKAY, Government Printer, Wellington.

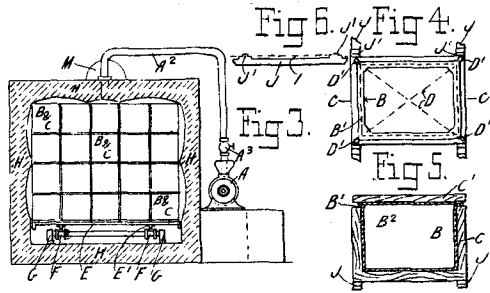


ILLUSTRATIONS OF INVENTIONS.

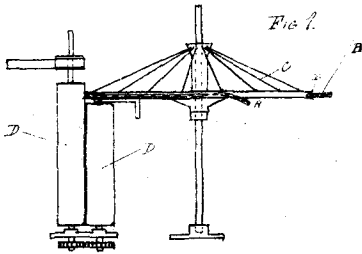
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



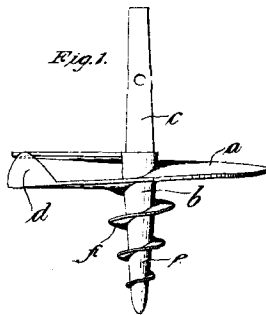
24844 Suttie and Wynyard. Fibre-holder.



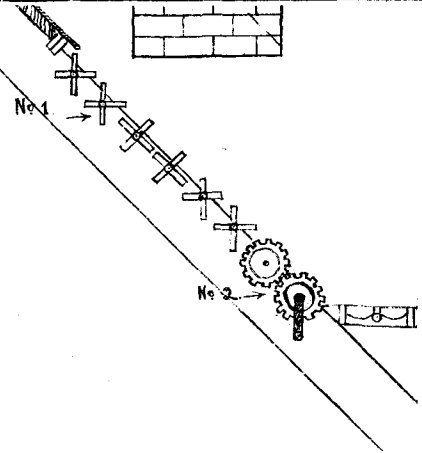
24704 Nance. Preserving Goods.



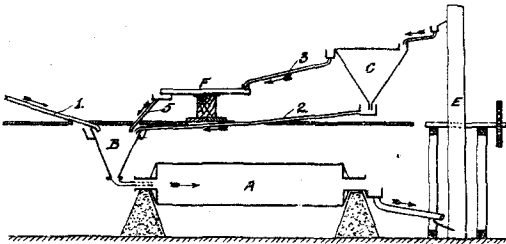
24846 Suttie and Wynyard. Flax-dressing



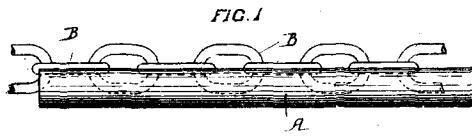
24961 Ferris and Poynton Post-hole Digger



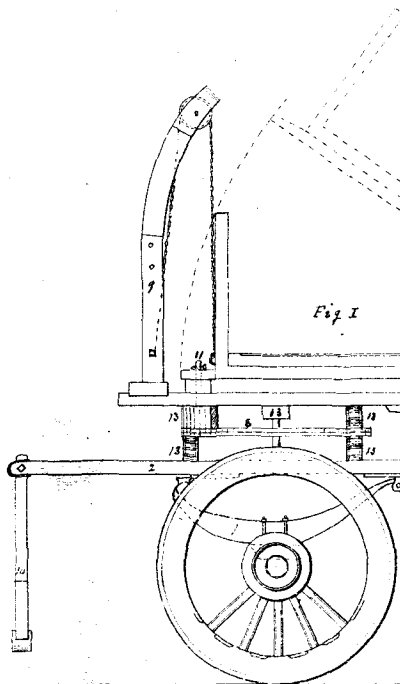
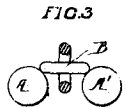
24749 Fellows. Gas-producer.



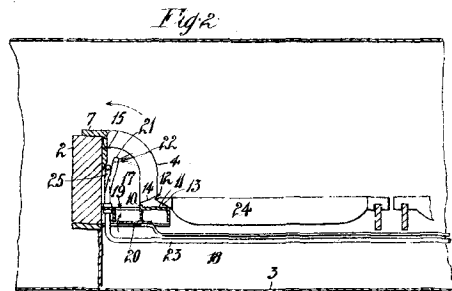
24861 Brown. Ore-treatment.



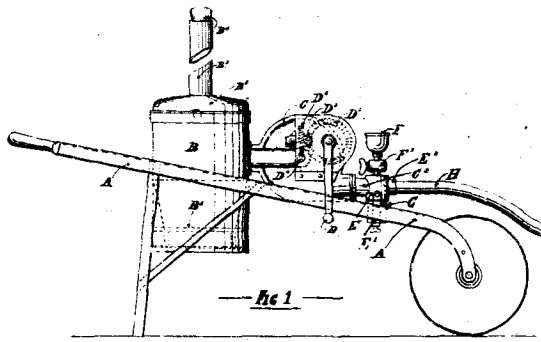
24859 Collins and Low. Flax-treatment.



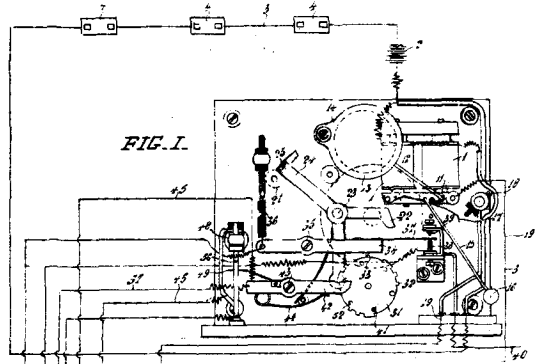
24778 Fitchett. Tip Lorry.



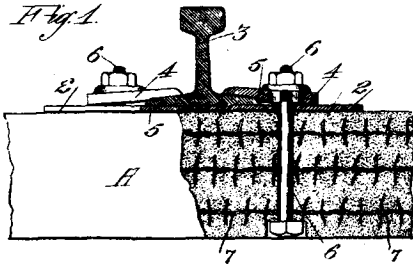
24793 Pomeroy. Boiler-furnace.



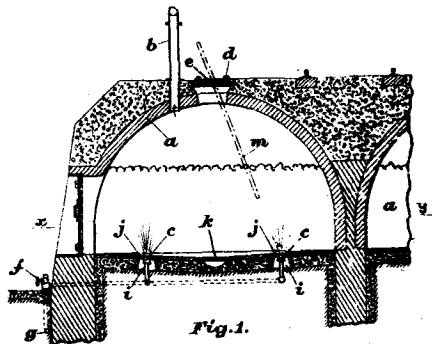
25080 Grant. Burrow-fumigator.



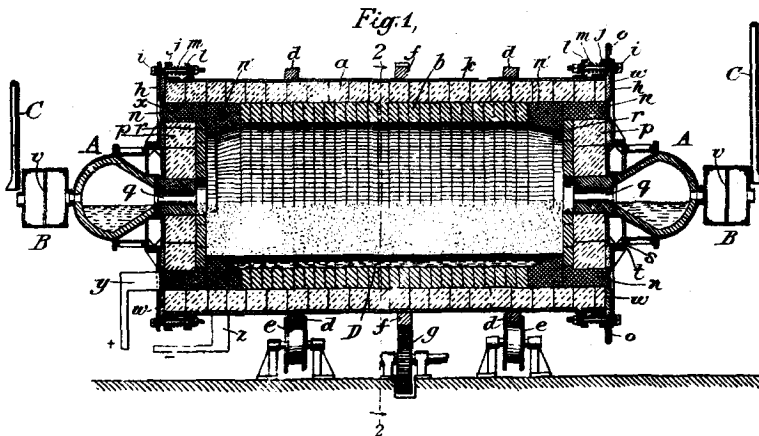
26159 A. and A. L. Smith. Fire-alarm.



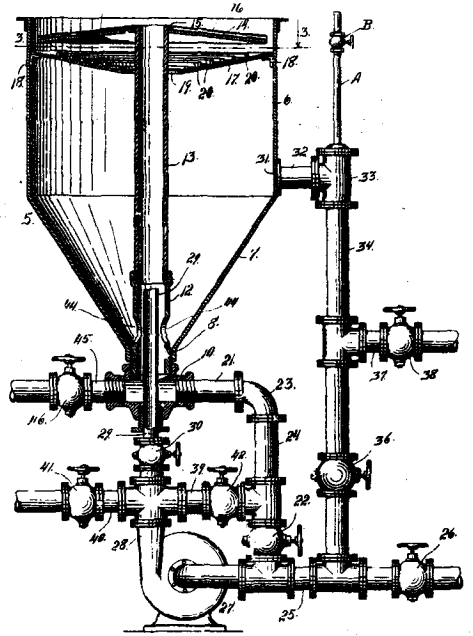
25385 Gates. Rail-support.



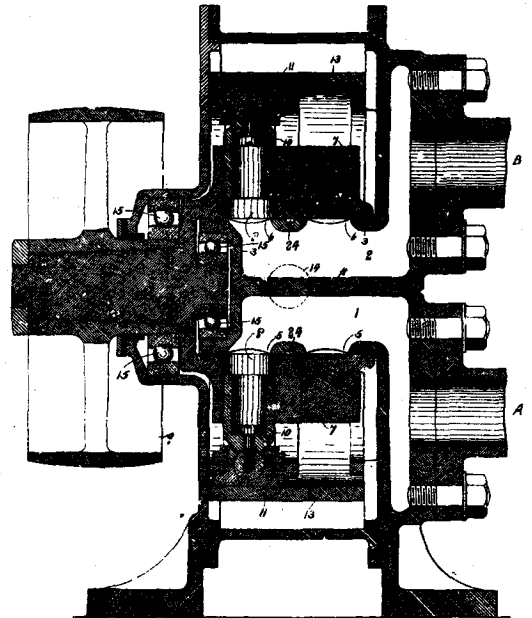
26146 Parker. Coal-distillation.



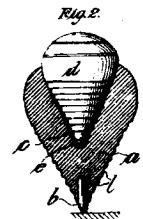
26134 Quenean. Metallurgy of Zinc.



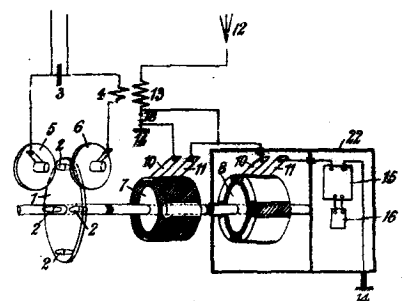
26076 Paterson. Pulp-agitator.



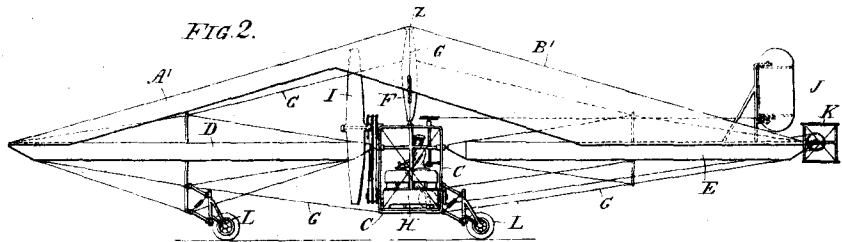
26149 Hele-Shaw. Fluid-engine.



25698 Campbell. Top.



26097 Marconi's Wireless Telegraph Company (Limited) Wireless Telegraphy. (Marconi.)



26012 Edwards and Rucker. Aeroplane.

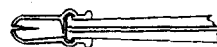
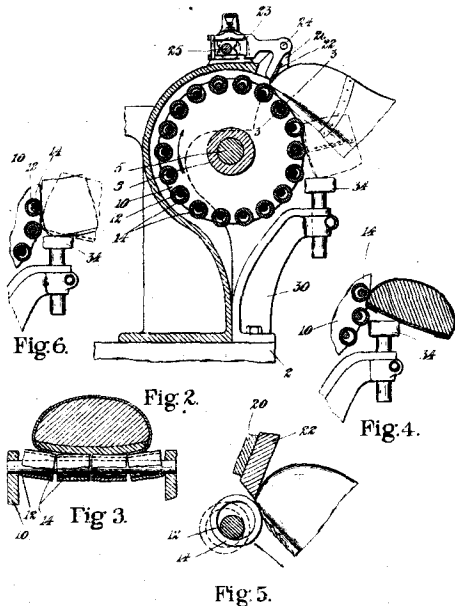
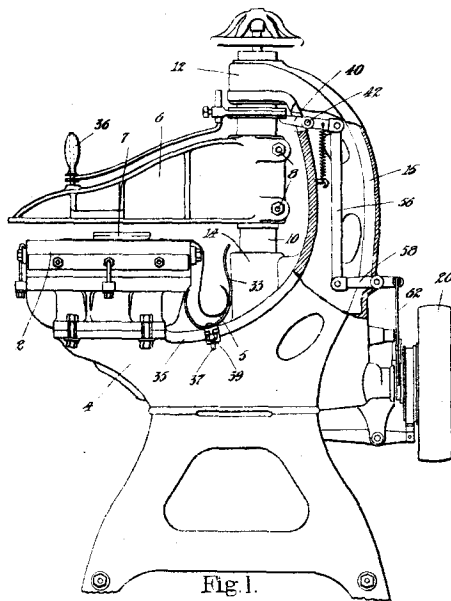


FIG 4

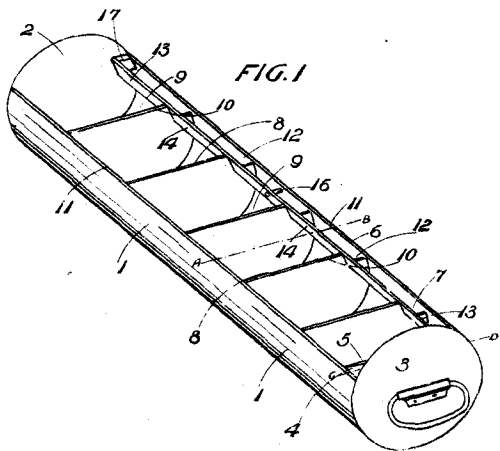
26033 Lindsay. Tobacco-pipe.



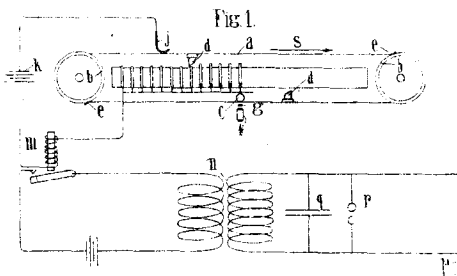
25108 United Shoe Machinery Company. Boot-machine. (Ashton.)



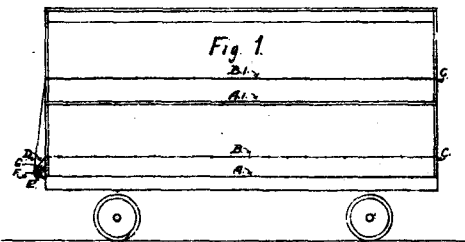
25104 United Shoe Machinery Company. Press. (Bates.)



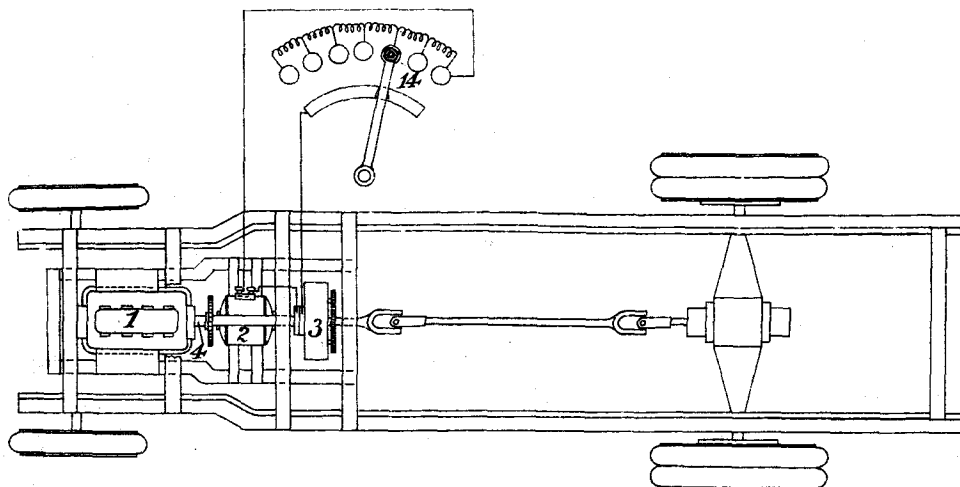
26103 N.Z. Acetylene Gas Lighting Company (Limited). Acetylene-generator. (Desmoulin.)



26008 Knudsen and Barta. Typ.-setter.

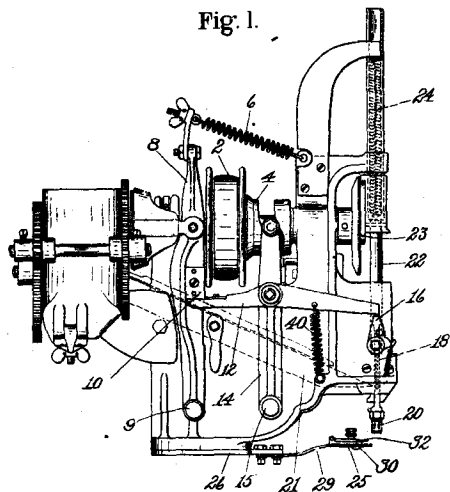


26248 Lambert. Animal-support.

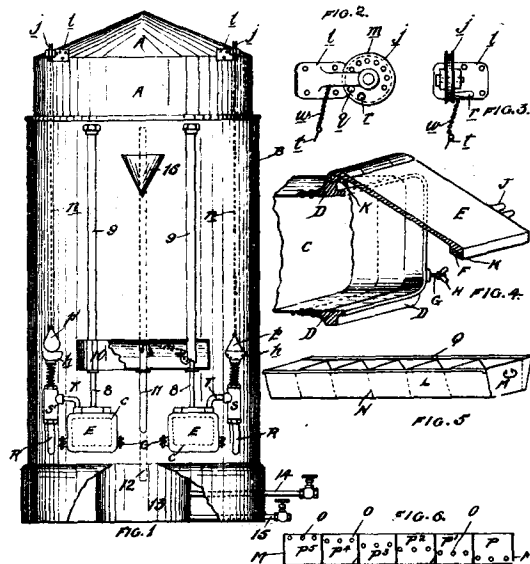


26114 A. C. and J. King and Hamer. Power-transmitter.

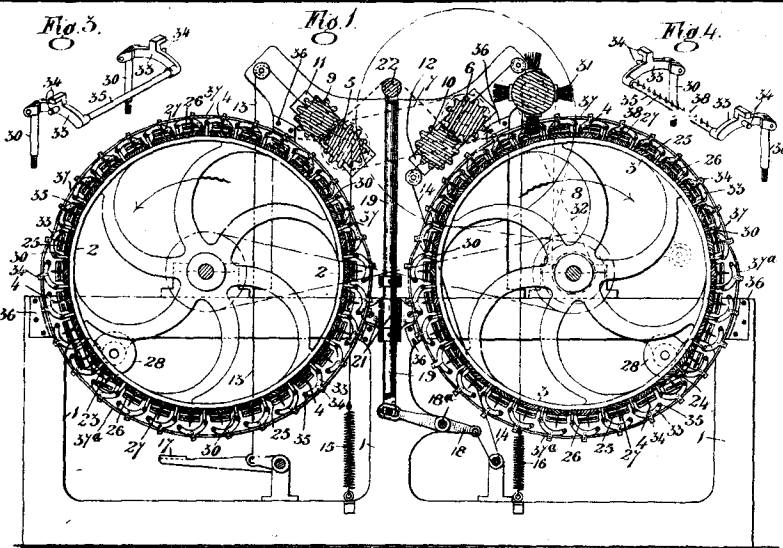
Fig. 1.



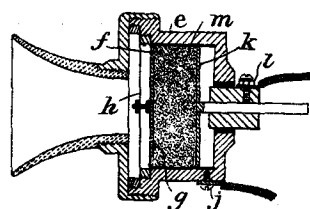
25314 United Shoe Machinery Company. Boot-machine. (Keys.)



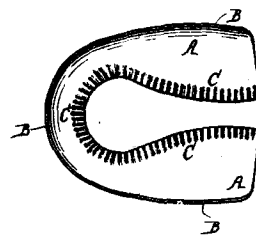
26261 Murray. Acetylene-generator.



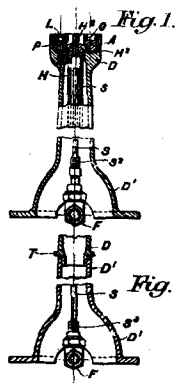
25908 Wright. Decorticator.



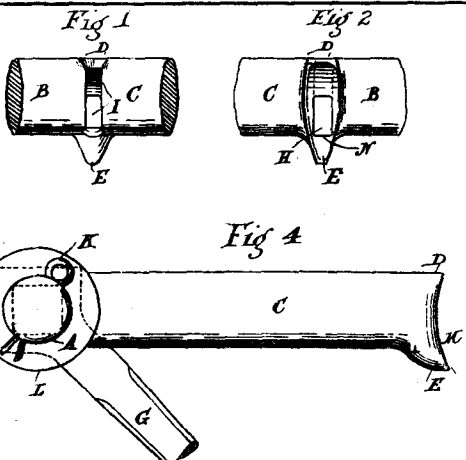
25020 Martin. Reproducing Mechanical Vibrations.



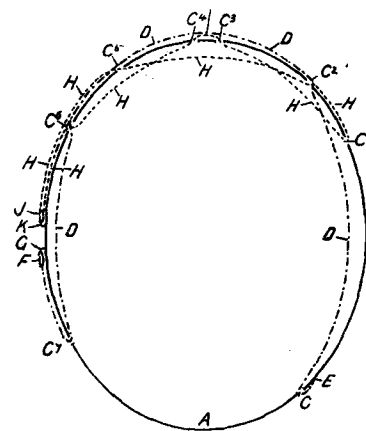
25818 Tyree. Golosh-stiffener.



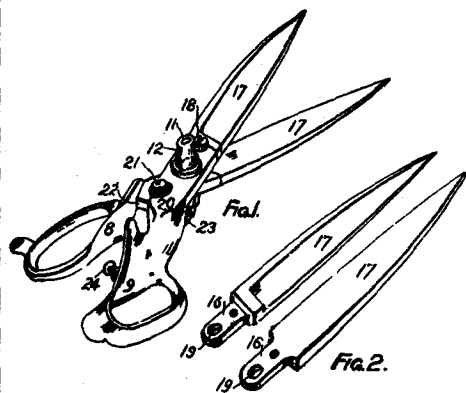
25825 Restler. Street-cock Cover.



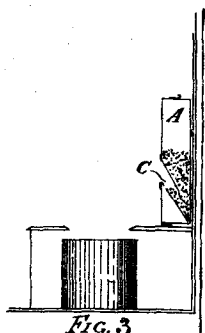
25764 Towt. Wire-strainer.



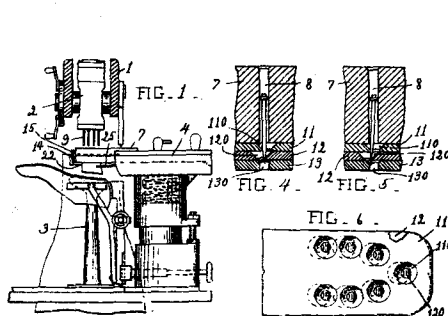
26150 Day and Vyse Soas and Co. (Limited). Hat.



25904 Shirt. Hand-shear.



26059 Anderson. Deodorant-distributor.



25199 United Shoe Machinery Company. Heel-nailing Machine. (Webster.)