



Patents, Designs, and Trade Marks

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

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CONTENTS.

| | Page |
|--|------|
| Complete Specifications and Drawings open to Inspection | 2945 |
| International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks .. | 2946 |
| Patent Publications in New Zealand | 2946 |
| Books and Documents open to Inspection at Patent Office, Wellington | 2946 |
| Official Publications | 2947 |
| Local Patent Offices | 2947 |
| Name Index of Patents, 1861-1889 | 2947 |
| Classified Abridgments of New Zealand Inventions at Auckland, Christchurch, and Dunedin | 2947 |
| Applications for Letters Patent filed | 2947 |
| Complete Specifications filed after Provisionals .. | 2948 |
| Complete Specifications accepted | 2948 |
| Provisional Specifications accepted | 2952 |
| Letters Patent sealed | 2952 |
| Letters Patent on which Fees have been paid .. | 2952 |
| Subsequent Proprietors of Letters Patent registered .. | 2953 |
| Applications for Letters Patent abandoned | 2953 |
| Applications for Letters Patent void | 2953 |
| Applications for Letters Patent lapsed | 2953 |
| Letters Patent void | 2953 |
| Application for Letters Patent opposed | 2953 |
| Designs registered | 2953 |
| Applications for Registration of Trade Marks .. | 2954 |
| Trade Marks registered | 2956 |
| Trade Mark Renewal Fees paid | 2956 |
| Trade Marks removed from the Register | 2956 |
| Subsequent Proprietors of Trade Marks registered .. | 2956 |

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. 91, of the 12th November. 18th November to 2nd December, inclusive.

Dunedin.

Gazette No. 91, of the 12th November. 9th December to 23rd December, inclusive.

Gazette No. 85, of the 29th October. 25th November to 9th December, inclusive.

Gazette No. 79, of the 15th October. 11th November to 25th November, inclusive.

Christchurch.

Gazette No. 91, of the 12th November. 30th December to 13th January, inclusive.

Gazette No. 85, of the 29th October. 14th December to 28th December, inclusive.

Gazette No. 79, of the 15th October. 1st December to 15th December, inclusive.

Gazette No. 75, of the 1st October. 14th November to 28th November, 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 Madeira. |
| Dominican Republic. | Servia. |
| France, with Algeria and Colonies. | Spain. |
| Germany. | Sweden. |
| Great Britain. | Switzerland. |
| Holland, with East Indian Colonies, Curaçoa, and Surinam.* | Tunis. |
| | United States of America. |

* Trade marks only.

Separate arrangements have been made between Australia and New Zealand.

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

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

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 11th June, 1908.

Classified illustrated abridgments of inventions from 1855 to 1905 and part of 1906.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to September, 1908.

Index of Applicants.
Subject-matter Index.
Commissioner of Patents Journal, &c. (*).
Trade Marks Journal to May, 1908.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to March, 1908.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January, 1906, to the 17th March, 1908, 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 year 1905.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to September, 1908.

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

(*) Discontinued.

(b) In arrears. 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.—TOWN HALL.

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 Registration of Trade Marks*.
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*.
- 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.

Official Publications.

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

- Printed specifications to the end of the year 1879.
- Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 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 1906 inclusive.
- The Patents Supplement to *Gazette* (containing notifications, applications for letters patent, abridged descriptions and drawings of inventions, &c.), published fortnightly.

Local Patent Offices.

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

- Auckland—Supreme Court. (E. W. Cave, agent.)
- Whangarei. (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. Tayler, 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.)

Name Index.—Patents.

Vol. I, 1861 to 1889.

MAY be obtained from the GOVERNMENT PRINTER.
PRICE, 2s. 6d.

Classified Abridgments of New Zealand Inventions open to inspection at Auckland, Christchurch, and Dunedin.

CLASSIFIED abridgments of complete specifications gazetted from the 1st January to the 30th September, 1908, are open to public inspection at the local Patent Offices at Auckland, Christchurch, and Dunedin.

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.)

- No. 25128.—26th October.—A. J. Arbuckle and A. Osborne, Belgravia, Transvaal.
Rotary filtering-apparatus.*
- No. 25129.—27th October.—J. Mason, Sebastopole, U.S.A.
Gate-latch.*
- No. 25130.—27th October.—H. Quertier, Timaru, N.Z.
Carburetter.
- No. 25131.—27th October.—C. R. H. Neich and L. Mossong, Wellington, N.Z.
Carriage-seat.
- No. 25132.—24th October.—J. D. Jackson, Windsor, Vic.; J. T. Metters and C. H. Metters, Melbourne, Vic.
Gas-stove.*
- No. 25133.—28th October.—E. W. Coleman, Twickenham, Eng.
Driving-gear.
- No. 25134.—28th October.—T. Rice, Palmerston North.
Potato, &c., peeler.
- No. 25135.—28th October.—F. Harrison and C. H. Dorman, London, Eng.
Process for producing tungsten combinations.* (Date applied for under section 106, 30th October, 1907.)
- No. 25136.—28th October.—J. Lewis, Carterton, N.Z.
Acetylene-gas generator.*
- No. 25137.—28th October.—J. O. Suckling, Eketahuna, N.Z.
Flushing-mechanism.
- No. 25138.—26th October.—W. Carr and A. Spooner, Alexandra South, N.Z.
Power-transmitter for current-turbine.
- No. 25139.—29th October.—R. Sainsbury, G. Jones, and W. Jenkins, Millerton, N.Z.
Gold-saving shaking-table.
- No. 25140.—29th October.—F. M. Norris, Kilbirnie, N.Z.
Obviating use of sash-weights for windows.
- No. 25141.—29th October.—J. H. Morris, Bingara, N.S.W.
Seed-sower.*
- No. 25142.—29th October.—J. Heine, Redfern, N.S.W.
Die for forming sheet-metal ridge-capping.*
- No. 25143.—29th October.—F. Lock, Sydney, N.S.W.
Loose binder and file for documents.*
- No. 25144.—29th October.—D. S. Murray, Melbourne, Vic.
Grip for use in stitching wool-bales.*
(*R. Rogerson*.)
- No. 25145.—29th October.—Monotype Machine (Colonial Patents) Syndicate, Limited, London, Eng.
Composing-machine record-strip controller.*
(*J. S. Bancroft and M. C. Indahl*.)
- No. 25146.—29th October.—J. F. Stephenson, Glenferrie, Vic.
Spring mattress.*
- No. 25147.—29th October.—J. F. Stephenson, Glenferrie, Vic.
Bedstead-joint.*
- No. 25148.—29th October.—I. Moscicki, Gampack, Switzerland.
Production of nitrogen-oxides.*
- No. 25149.—29th October.—J. K. Toles, Stockton, U.S.A.
Fibre cleaning apparatus.*
- No. 25150.—29th October.—J. K. Toles, Stockton, U.S.A.
Fibre carrying and reversing apparatus.*

- No. 25151.—29th October.—J. K. Toles, Stockton, U.S.A.
Fibre preparing and cleaning apparatus.*
- No. 25152.—30th October.—T. Hall, New Plymouth, and
F. Elvines, Wellington, N.Z.
Metal-saving mat.
- No. 25153.—26th October.—W. V. Page, Auckland, N.Z.
Label attaching to fabric.
- No. 25154.—27th October.—M. Tillie, Londonderry, Ireland.
Button-hole machine guide.*
- No. 25155.—28th October.—P. Dow, Dunedin, N.Z.
Distance-gauge for bowls.
- No. 25156.—27th October.—J. Shepherd and T. Palmer,
Hokitika, N.Z.
Steam turbine engine.
- No. 25157.—27th October.—E. Moss and E. F. Dombrain,
Christchurch, N.Z.
Heat and moisture tester for baled goods.*
- No. 25158.—30th October.—A. James, R. W. Smith, and
H. W. Stokes, Taihape, N.Z.
Window sash-balance.*
- No. 25159.—31st October.—A. E. Johnson and W. B. Bailey,
Bluff, N.Z.
Manufacture of non-corrosive ink.
- No. 25160.—31st October.—J. C. Russell and A. F. Lord,
Wellington, N.Z.
Splicing-ear for electric conductors.
- No. 25161.—2nd November.—W. H. Anson, Auckland,
N.Z.
Wire splice shield.
- No. 25162.—29th October.—G. Walker, Tuakau, N.Z.
Flax-cutting tool.
- No. 25163.—2nd November.—A. Davies, Christchurch, N.Z.
Water-closet seat.*
- No. 25164.—2nd November.—J. A. Paterson, Wellington,
N.Z.
Hydrocarbon-gas apparatus.
- No. 25165.—2nd November.—J. C. Russell and A. F. Lord,
Wellington, N.Z.
Section insulator for electric tramway.
- No. 25166.—2nd November.—E. E. F. Grimmer, Nelson,
N.Z.
Tire-pump.
- No. 25167.—2nd November.—H. Smart, New Plymouth,
N.Z.
Spouting-bracket.
- No. 25168.—3rd November.—F. W. Pool, Auckland, N.Z.
Vehicle-brake.
- No. 25169.—3rd November.—C. H. Woodhead, Auckland,
N.Z.
Luminous sign.*
- No. 25170.—4th November.—C. B. Whitney, Hyde Park,
U.S.A.
Spreader or deflector valve.*
- No. 25171.—4th November.—J. Maomeikan, Melbourne, Vic.
Meat, &c., cooling process. (*R. Rayson*.)
- No. 25172.—4th November.—F. W. Robins, Mount Ros-
kill, N.Z.
Drill socket.*
- No. 25173.—4th November.—I. H. Cooper and A. H.
White, Ballarat, Vic.
Elevator and conveyor.*
- No. 25174.—4th November.—Anne of Lowenstein-Wer-
theim, London, Eng.
Self-levelling cot, bunk, &c.*
- No. 25175.—4th November.—J. F. Stephenson, Glenferrie,
Vic.
Ornamental mount for bedstead.*
- No. 25176.—4th November.—E. Temple, Sydney, N.S.W.
Gas generator and purifier.*
- No. 25177.—4th November.—R. A. Wiggins, Christchurch,
N.Z.
Milking-machine.*
- No. 25178.—4th November.—E. Phillips, Melbourne, Vic.
Machine for making wire-bound box
blanks.* (*National Wire-bound Box
Company—R. G. Inwood and C. C.
Chapman.*)
- No. 25179.—4th November.—G. Nelson, Napier, N.Z.
Ammonia refrigerator.
- No. 25180.—4th November.—A. J. Arbuckle and A. Os-
borne, Belgravia, Transvaal.
Filtering-apparatus.
- No. 25181.—5th November.—H. A. Fox, Wellington, N.Z.
Enclosure-indicator for mail-matter.
- No. 25182.—2nd November.—R. E. Dowden and J. S. Clark,
Whitford, N.Z.
Milk-weigher.
- No. 25183.—31st October.—W. J. Butler, Auckland, N.Z.
Sewing-machine.
- No. 25184.—6th November.—C. E. Hodge and S. P. Ander-
son, Auckland, N.Z.
Milking-machine test-cup.

- No. 25185.—4th November.—J. Gray, Dunedin, N.Z.
Spring-tine cultivator.
- No. 25186.—4th November.—R. N. Adams, Dunedin, N.Z.
Window-fastener.
- No. 25187.—7th November.—J. H. McLeod, Carterton, N.Z.
Cheese-vat.
- No. 25188.—7th November.—V. M. Stewart, Auckland, N.Z.
Table-game apparatus.
- No. 25189.—5th November.—H. S. Spackman, Ardmore,
U.S.A.
Cement-burning apparatus.*
- No. 25190.—6th November.—A. B. Johnson, Auckland,
N.Z.
Window-blind and curtain raiser.
- No. 25191.—5th November.—T. K. Walton, Waiuku, N.Z.
Preparing fresh milk for freezing purposes.*

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 26th October to the 7th November, 1908, inclusive:—

- No. 23875.—F. W. Cullimore, billiard-table.
- No. 23915.—United Shoe Machinery Company, lasting-
machine. (*J. Cavanagh*.)
- No. 23946.—J. J. Wilton, wearing-strip attachment to
brake.
- No. 23969.—W. J. Roebuck and E. J. Thomson, scaffolding-
clamp.
- No. 23972.—A. R. H. Swindley, compass.
- No. 23989.—M. Gribble, window-sash lock.
- No. 24048.—V. S. Aston, flax-bleaching.
- No. 24129.—A. F. Crosse, gold, &c., extraction from slimes.
- No. 24143.—J. Marks, turbine.
- No. 24654.—A. Allan and T. Bowling, hot-air indicator.
- No. 24779.—T. W. Mayson and J. Edgar, life-saving
catcher for tram-car.
- No. 25069.—W. J. Parsons, step-ladder.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 11th November, 1908.

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

No. 23717.—14th November, 1907.—E. CLEMENS HORST
COMPANY, a corporation organized under the laws of the
State of New Jersey, and located and doing business at
215 Pine Street, City and State of San Francisco, California,
United States of America (assignees of Emil Clemens Horst,
of 215 Pine Street aforesaid, and John Ehrhorn, of Perkins,
Sacramento County, California aforesaid, Mechanical Engi-
neer). Hop-picker.

Extract from Specification.—It consists of an endless travel-
ling-screen, upon which the hop-vines are thrown, and through
which the hops upon their stems are caused to depend,
and means for severing the hops from the stems.

[NOTE.—The above extract from the specification is inserted in place
of the claims.]
(Specification, 5s.; drawing, 2s.)

No. 23758.—25th November, 1907.—WILLIAM TOWNSEND
SMITH, Los Angeles, California, United States of America,
Mining Engineer. Process of extracting metals from their
ores.

Claims.—(1.) The described process for extracting metals
from their ores consisting in effecting a circulation of the
solution and a heating of the same through the introduction
of superheated steam into the circulatory channel. (2.) The
described process consisting in injecting superheated steam
into an ore-reducing solution, whereby to agitate and super-
heat the solution. (3.) The described process consisting in
introducing superheated steam into a contracted circulatory
conduit in open communication with a solution-tank, where-
by the steam will act as a heating medium and serve to
maintain the circulation.

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

No. 23851.—18th December, 1907.—HARRY RADENHURST RADFORD, of Waimauku, Kaipara Line, Auckland, New Zealand, Storekeeper. An improved egg-carrier.*

Claim.—An improved egg-carrier having, in combination, a series of egg-clasps, each of which is comprised of a combination of two leather-covered wire rings, firmly attached at their respective bases to a suitable wooden shelf, and being connected with each other by means of a piece of elastic fastened to their external edges.

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

No. 23899.—8th January, 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, in the Commonwealth of Massachusetts, United States of America (assignees of William Roderick Barclay, Commercial Traveller, and Arthur Bates, Engineer, both of Leicester, England). Improvements in heel-building machines.*

Claims.—(1.) A heel-building machine having, in combination, a lift-support, laterally movable clamps for embracing the lifts, a presser-head mounted for tilting movements and arranged to be moved to and from a position in which it bears upon the said lifts, and means movable with the presser-head for bringing said laterally movable clamps toward each other when the head is swung over the lifts. (2.) In a heel-building machine, a lift-support, laterally movable clamps for embracing the lifts, a pivotally mounted arm, a head mounted on said arm capable of swinging therewith over the lifts contained between said clamps, and means movable with the arm for bringing said laterally movable clamps towards each other when the head is swung over the lifts. (3.) A heel-building machine having, in combination, a support for a plurality of heel-lifts, devices for centring the lifts upon said support, and means for sustaining said support, and centring-devices for simultaneous pivotal movement about an approximately horizontal axis into an inclined lift-receiving position. (4.) A heel-building machine having, in combination, a support for sustaining a plurality of lifts, devices for centring the lifts upon said support, mechanism for inserting nails in the lifts, and means for swinging said support and centring-devices about an approximately horizontal axis from operative relation to said mechanism into an inclined lift-receiving position. (5.) In a heel-building machine, in combination, lift-sustaining means comprising clamping-members arranged to receive the lifts of a heel between them, a presser-head mounted for tilting movement and arranged to be moved to and from a position in which it bears upon the said lifts, and means actuated by the movement of said presser-head for closing and positively opening the clamping-members. (6.) In a heel-building machine, in combination, a nail-supplying device, means for sustaining the lifts of a heel, a nail-driving mechanism mounted for angular movement, a presser-head mounted for tilting and vertical movement and arranged to be moved alternately to and from a position in which it bears upon the said lifts, and means operated by the movement of the presser-head to move the nail-driving mechanism to register alternately with the said nail-supplying device and the said sustaining-means for the lifts. (7.) In a heel-building machine, in combination, means for sustaining the lifts of a heel, a presser-head mounted for movement to and from a position in which it bears upon the lifts, a nail-supplying device, and a nail-driving mechanism arranged for movement with the presser-head to register alternately with the lift-sustaining means and the nail-supplying device.

(Specification, 16s. ; drawing, 4s.)

No. 23912.—14th January, 1908.—JAMES BOND GROVE, of 34 Ghuznee Street, Wellington, New Zealand, Motor and Cycle Engineer. An improved tread-holder for pneumatic tires.*

Claims.—(1.) A holder for the tread of a tire, comprising a ring upon one side of the wheel to which the tread is attached by straps or the like, an inner concentric ring surrounding the hub of the wheel and attached to the first ring by spokes, and a ring upon the other side of the wheel to which the tread is attached by straps or the like, substantially as set forth. (2.) A holder for the tread of a tire,

comprising rings upon each side of the wheel, straps or the like attaching the tread to the rings, inner concentric rings attached to the first rings by spokes, substantially as set forth. (3.) A holder for the tread of a tire, comprising rings upon each side of the wheel, straps attaching the tread to the rings, inner concentric rings attached to the first rings by spokes, the rings upon the inner side of the wheel being in two parts united by bolts or the like, substantially as set forth. (4.) The combination and arrangement of parts comprising the improved tread-holder for tires, substantially as and for the purposes set forth, and illustrated on the drawing.

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

No. 24242.—9th April, 1908.—WILLIAM PERCY ROUGH, of Abel Smith Street, Wellington, New Zealand, Metaphysician. Improved apparatus for the manufacture of carburetted air, and enriching same for lighting, heating, and power purposes.*

Extract from Specification.—The hydrocarbon liquid in the sealed feed-tank is delivered in small doses to a pipe from whence it can gravitate to the carburettor, wherein it meets a steady stream of air of a necessary proportional volume to gasify it. The carburettor of air at a lower temperature than the prevailing atmosphere is an important feature of the invention, inasmuch as it eliminates possibility of condensation in the pipes leading to points of consumption. Another important feature of the invention consists in the enriching of the carburetted air to quality desired. The gas on leaving the gas-holder before entering the service-pipes passes through an enricher or second carburettor, which is not immersed in water, and receives its supply of hydrocarbon fluid from the sealed feed-tank by means of a pipe, to which is attached a regulator which regulates the supply of hydrocarbon liquid in quantities necessary to enrich the gas to quality desired by the adjustment of the regulator valve. Motive power is necessary for maintaining the apparatus in operation. This may be variously obtained, as by an electric motor or a gas-engine driven by the gas manufactured by the apparatus, or, when as little machinery as possible is desired, by the descent of a weight which is wound up at intervals as required by human labour. A wire cord, by which the motive-power weight is suspended, may be wound many times round a barrel or driving-drum, which is geared by means of a pawl to a ratchet-wheel keyed to the spindle of the blower-wheel. For the purpose of rewinding the motive-power weights the driving-drum is turned in the opposite direction to that in which the blower-wheel revolves, the pawl riding over the teeth of the ratchet-wheel, permitting the blower-wheel to remain stationary during the rewinding. The apparatus consists of a blower for forcing air into the carburettor, a sealed feed-tank for supplying the hydrocarbon fluid, the generator containing the carburettor and the gas-holder, and the additional carburettor or enricher, together with the necessary gearing and driving-power.

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

(Specification, 12s. 6d. ; drawing, 3s.)

No. 24578.—10th July, 1907.—WILLIAM JOHN CARLIN DOWNEY, of South Perth, Western Australia, Australia, Law Clerk. Improved combined wind-gauge and vernier-elevator.

[NOTE.—This is an application under section 106 of the Act, the date given being the official date of the application in Australia.]

Extract from Specification.—In this invention the first chief feature consists in the means whereby the ladder with its sight-bar and vernier-elevator as a combined whole is made to traverse bodily across the barrel of the rifle, said movement being obtained by two milled wheels fixed to the ends of a screw-threaded spindle which interscrews into the seat-block on which the ladder slides, the whole being held on the ordinary bracket of the rifle. The second chief feature consists in the locking and unlocking means, whereby the vernier-elevator and sight-bar may be rapidly moved up and down the ladder, and without the use of the elevator-screw. The third main improvement consists in the employment of a rotatable orthoptic disc, which is secured to the top of the ladder, and formed with notches and openings to coincide with the back sight of the ladder.

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

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

No. 24624.—6th July, 1908.—FRANK CASTLE, of Auckland, New Zealand, Electrician. An improved automatic fire-alarm.*

Claims.—(1.) In electric fire-alarms, a base block, a casing attached thereto, a cover screwed on the bottom of the casing and having a fusible central portion, a switch-lever loosely articulated within the casing, an adjustable downward projection upon such lever resting upon the fusible portion of the cover, and a contact-piece secured within the casing and with which the free end of the switch-lever is adapted to engage, substantially as specified. (2.) In electric fire-alarms, a base block, a casing attached thereto, a cover screwed on the casing and having a fusible central portion, a switch-lever loosely articulated to a terminal upon the base block, an adjustable downward projection upon the lever resting upon the fusible portion of the cover, a contact-piece secured to the base block, and an arm upon such piece underlying the free end of the switch-lever, substantially as specified. (3.) The improved electric fire-alarm constructed and operating substantially as described and explained, and as illustrated in Fig. 1 of the drawings. (4.) The improved electric fire-alarm constructed and operating substantially as described and explained, and as illustrated in Fig. 3 of the drawings.

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

No. 24663.—29th August, 1907.—ELEAZER KEMPSHALL, of Hotel Russell, Russell Square, London W.C., England, Manufacturer. Improvements in non-skid tires.

[NOTE.—This is an application under section 106 of the Act, the date given being the official date of the application in Great Britain.]

Claims.—(1.) A tire having recessed circular studs on the tread, characterized therein that the studs merge into one another and that their sides are strengthened and interpenetrate with the tire on broad or extended lines, so as to efficiently distribute the stresses on to the sides of the tire, and so as to avoid concentration of the stresses on points, with the consequent rupture of the tire. (2.) In a tire having recesses in the tread, forming the bottom of each recess as a conical, convex, or like projection, the latter merging into the side of the recess on a curve, for the purpose described. (3.) In a tire having circular recesses in the tread, side-extensions such as *e*, substantially as and for the purposes set forth. (4.) The several forms of tire described and illustrated in the drawings.

(Specification, 4s. 3d. ; drawing, 4s.)

No. 24776.—10th August, 1908.—THOMAS MARTYN, of Belmont House, Paeroa, New Zealand, Works-manager. Improvements in billiard-tables.

Claims.—(1.) The wood bed covered with a special composition to render it smooth and hard. (2.) The bearers of wood or iron fitted with sliding adjustments to allow for expansion and contraction. (3.) The hinged metal standards fitted with metal pin for raising and lowering the table-top. (4.) The adjusting-screw in leg of table for taking up the inequality of floor. (5.) The ball-carriage in its position under bed of table with pockets attached to mouths of carriage and carriage supported with metal hangers. (6.) The composition for wood bed formed of varying parts of Portland cement, plaster-of-paris, and shellac.

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

No. 24781.—11th August, 1908.—THOMAS MARTYN, of Belmont House, Paeroa, New Zealand, Works-manager. Improvements in weatherboarding for buildings.

Claim.—The improved method of weatherboarding with flat boards, horizontal-joint fillets, and vertical spacing-fillets, as particularly described and shown on drawings and specification.

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

No. 24825.—18th August, 1908.—CARL VILHELM NORDBERG, of Kiwi, Nelson, New Zealand, Labourer. An improved hop-stringer.

Claims.—(1.) An implement for the purposes indicated, the same consisting of the combination with a pair of snips or like cutters that are normally kept closed by means of a spring, of a pair of gripping-jaws secured respectively to the blades of the snips at a convenient distance from one side thereof and arranged to engage with each other when the snips are closed, substantially as specified. (2.) An implement for the purposes indicated, constructed and operating substantially as described and explained, and as illustrated in the drawings.

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

No. 24938.—16th September, 1908.—FRANK COOPER, of Christchurch, New Zealand, Manufacturer. Improvement in grain-drills.

Extract from Specification.—My invention relates to agricultural implements used for drilling or broadcasting grains or seeds, and is for the purpose of indicating the contents of the box and so show what quantity has been sown over a given area. The section and the width and depth of the box being known, a gauge is inserted in box, preferably against a flat side, the said gauge consisting of any suitable material, marked out in pecks or bushels, starting from the bottom at one peck, and thence in single pecks or fractions thereof until full content is noted.

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

(Specification, 1s.)

No. 24964.—23rd September, 1907.—JAMES WINSTEAD OWEN, of 1227 Susquehanna Avenue, Philadelphia, Pennsylvania, United States of America, Engineer. Improvements in the manufacture of sound-records and apparatus for use therein.

[NOTE.—This is an application under section 106 of the Act, the date given being the official date of the application in the United States of America.]

Extract from Specification.—The present invention consists in producing a smooth raised sound-line upon the record-blank as the first step, and forming a matrix direct from the original record by electro-deposition. This matrix is removed from the original record, and another matrix for pressing the commercial records may be made from it, the second matrix having raised sound-lines on its face; or the first matrix, which has depressed lines on its face, may be used for producing a commercial record with raised sound-lines on its face. Another alternative is to electroplate the original record and use it as a matrix for producing a commercial record with depressed sound-lines. A commercial record having raised sound-lines on its face may also be produced by making a record-matrix from the matrix obtained by the last-mentioned method, this second matrix having evidently recessed sound-lines on its face.

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

(Specification, 10s. ; drawing, 1s.)

No. 24974.—25th September, 1908.—ALBERT CEDERMAN, Engineer, and JOHN PEAKE, jun., Clerk, both of Hokitika, New Zealand. An improved steam-turbine.

Claims.—(1.) In a steam-turbine of the kind described, pockets formed in the casing within which the steam is used expansively, substantially as set forth. (2.) In a steam-turbine of the kind described, pockets formed in the casing and reversed pocket upon the other side of the casing, within which the steam is used expansively, substantially as set forth. (3.) The combination and arrangement of parts comprising the improved steam-turbine, substantially as and for the purposes set forth, and illustrated in the drawing.

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

No. 25005.—30th September, 1908.—HENRY S. SPACKMAN ENGINEERING COMPANY, of 42 North 16th Street, Philadelphia, United States of America, a New Jersey corporation (assignees of Henry Spencer Spackman, of 105 Ardmore Avenue, Ardmore, Pennsylvania, United States of America, Engineer, and Ellis Warren Lazell, of 3306 Arch Street, Philadelphia aforesaid, Engineer). Cementitious materials, and preparation thereof.

Extract from Specification.—This invention relates to cementitious—that is to say, plastic—materials or compositions, comprising plasters, hydraulic and other cements, and relates more particularly to highly cementitious materials and to the preparation thereof by the incorporation of separately prepared calcium-aluminate or similar accelerating material with independently cementitious material, such as lime or other similar earthy alkali material, or cements or mixtures comprising available lime or similar earthy alkali substance mixed or combined with co-operating silicious material, such as fine-grained high silica clays or shales, or with natural puzzolanic material, such as tufa, trass, infusorial earth, gaize, or with artificial puzzolanic materials, such as ordinary blast-furnace slag or specially prepared slag or silicates of calcium or other material.

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

(Specification, 8s. 6d.)

No. 25026.—7th October, 1908.—WILLIAM FOWLES, of Pietermaritzburg, Natal, Refrigerating Engineer. A new and improved method for the production of predigested foods.

Claim.—The discovery of a new and improved method for the purpose of producing, in a concentrated form, predigested foods containing a very high percentage of directly assimilable nutritive properties, to be extracted from meat, cereals, or any other similar substance by the application of the natural chemical substance contained in the pawpaw (*Carica papaya*) or any other similar vegetable.

(Specification, 3s. 6d.)

No. 25057.—12th October, 1908.—JOHN MITCHELL, of National Chambers, Swanson Street, Auckland, New Zealand, Architect. Improvements in the construction of walls and partitions of buildings.

Claims.—(1.) In the construction of walls and the like, the employment of a slab having an attached brick overlapping the end and bottom edge thereof, substantially as set forth. (2.) A wall constructed of slabs of building-material grooved at their ends, a brick attached to each slab and overlapping the end and bottom edge of the slab, a foundation having a groove and rebates to receive the bricks and slabs respectively, and horizontal and vertical reinforcing-rods, substantially as set forth. (3.) In the construction of walls and the like, the employment of a tie-bar having one end slit to form reversed feet, and a pin through the other end of the bar engaging holes formed in the slabs, substantially as set forth. (4.) In the construction of walls and the like, the employment of a tie-bar made in two parts united by a rivet, and having an end shaped as described in claim 3, and having its other end made of brass, substantially as set forth.

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

No. 25061.—9th October, 1908.—BENJAMIN TREWHELLA and WILLIAM TREWHELLA, trading as "Trehwella Bros." at Trentham, Victoria, Australia, Engineers and Ironworkers. An improved roller-grip for band gearing.

Claims.—(1.) An improved roller-grip for band gearing, comprising the combination with a pulley of a rockable lever situated close to the periphery of said pulley, a gripping-roller at each end of said lever, a pivot for the lever intermediate of said rollers, and a band adapted to pass round said pulley and between same and said gripping-rollers, for the purpose specified. (2.) In a device of the character set forth, arranging the pivot of the lever midway between the two rollers. (3.) In a device of the character set forth, the application of two of the gripping-devices to an endless band passing around two pulleys. (4.) In a device of the character set forth, pivoting the lever to a radial arm loosely mounted on the axle of the pulley. (5.) In a device of the character

set forth, pivoting the radial arm of the lever on the boss of the pulley. (6.) In a device of the character set forth, forming the radial arm of a yoke shape, passing same through an eye on the lever, and loosely mounting its ends on the axle of the pulley and on either side of the latter. (7.) In a device of the character set forth, forming the lever of two separated guide-plates bolted together, and seating the gripping-rollers within same. (8.) In a device of the character set forth, providing a central guide-pulley between the guide-plates of the lever.

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

No. 25063.—9th October, 1908.—BENJAMIN TREWHELLA and WILLIAM TREWHELLA, trading as "Trehwella Bros." at Trentham, Victoria, Australia, Engineers and Ironworkers. Improvements in pawl and ratchet mechanism.

Claims.—(1.) In pawl and ratchet mechanism having a pair of pawls supported in grooves in an oscillating tumbler, a clip in the tumbler between the pawls for holding the latter in said grooves, and a pin passing longitudinally or in an axial direction through said tumbler, and through said clip for securing same in the tumbler. (2.) In mechanism as described, a T-shaped clip having a central projection and two bearing-ends, and a central recess in the tumbler to receive said projection, for the purpose specified. (3.) In mechanism as described, forming each of the pawls with a central opening near its bearing-end, and passing the respective ends of the clip therethrough and over the cylindrical portion forming the bottoms of said openings. (4.) In mechanism as described, securing a bar on the frame across the axis of the tumbler and in the approximate direction of the thrust of the pawls. (5.) In mechanism as described, employing the bar as a limiting stop for the degree of oscillation of said tumbler, in conjunction with abutting faces on the end of said tumbler adapted to contact with said bar. (6.) In mechanism as described, providing a hole of suitable shape in the end of the tumbler through which the bar is passed, and employing the sides of said holes as the abutting faces for said bar.

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

No. 25070.—13th October, 1908.—JOHN MITCHELL, of National Chambers, Swanson Street, Auckland, New Zealand, Architect. Improved construction of walls and partitions of buildings.

Claims.—(1.) In the construction of walls and partitions, the employment of a building-slab having a rebated top edge and ends, a groove in the bottom edge, and a trench in the middle part of the slab, substantially as set forth. (2.) In combination with slabs as described in claim 1, the employment of vertical rods in the end rebates and trenches, and horizontal rods lying in the rebates at the top of the blocks and locking the vertical rods in position, substantially as set forth. (3.) A wall consisting of superposed rows of slabs as described in claim 1 cemented together and set upon a trenched foundation, vertical rods cemented in the rebates and trenches, and horizontal rods cemented in the rebates and grooves at the top and bottom of the slabs, substantially as set forth. (4.) In walls constructed as described in claim 3, holdfasts engaging the horizontal rods and securing grounds to which laths or wood lining may be nailed, substantially as set forth. (5.) A building-slab made with a stone face and concrete backing, and a wire bent into corrugations partially embedded in the concrete and cemented in a groove formed in the stone, substantially as set forth.

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

No. 25077.—10th October, 1908.—ARTHUR ERNEST STYLES, of Wendon Valley, New Zealand, Farmer. Improved dray-brakes.

Claims.—(1.) In two-wheeled vehicles, in combination with their brakes, a lever fulcrumed to the said vehicle on each side of same, pressing on the brakes for keeping them in springy tension by a line to each secured to the front of the said vehicle, and kept taut by tightening-screws, all substantially as set forth. (2.) In brakes of two-wheeled vehicles,

levers keeping the said brakes from the frame of the vehicle by tension of lines to levers, all substantially as set forth. Brakes kept in springy tension by levers and adjustable lines, all substantially as set forth.

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

No. 25078.—15th October, 1908.—THOMAS GARE, of Bramble Beach, Warren Drive, New Brighton, Chester, Great Britain, Engineer. Improvements in apparatus for the manufacture of rubber articles from old or waste rubber.

Claims.—(1.) In an apparatus for the manufacture of rubber articles from powdered old or waste rubber by spewing or forcing, a cylindrical or tubular casing, and a feed-screw therein, one or both of which are provided with means which permit the escape of air from the powdered rubber before being heated, all combined substantially as and for the purpose set forth. (2.) In an apparatus such as specified in the preceding claim, a cylindrical or tubular casing and a feed-screw therein, a part adapted to be heated and give the rubber article the desired cross-section, and a part for cooling the article when shaped, all combined substantially as and for the purpose set forth. (3.) In an apparatus such as specified in claim 2, a stud or mandrel arranged in continuation of and central with the said screw for producing tubular rubber articles, all combined substantially as and for the purpose set forth. (4.) In an apparatus such as specified in claims 1 and 2, a screw in the said cylindrical or tubular casing having thread-spaces corresponding with or similar in section to the section of the rubber articles to be produced, substantially as and for the purpose set forth. (5.) In an apparatus such as specified in claim 1, in combination with the said cylindrical or tubular casing and screw therein, a mould arranged to slide away from and be filled with pressed powdered rubber by the said screw, all combined substantially as and for the purpose set forth.

(Specification, 6s. 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 November, 1908.

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

- No. 24903.—J. Syvret, closet.
- No. 24946.—H. H. Adams, propeller.
- No. 25018.—J. F. Bailey, electric developer.
- No. 25032.—W. J. Roebuck, post-coupling.
- No. 25034.—W. Nelson, lamp, &c., ventilator.
- No. 25058.—F. Castle, fire-alarm.
- No. 25060.—R. J. McDonald, shoe.
- No. 25076.—H. Maighan, raising Venetian blinds.
- No. 25084.—E. Moss, fire-alarm system.
- No. 25093.—J. C. Oliver, colander.
- No. 25097.—F. Stubbs, hot-water system.
- No. 25098.—R. Meek and O. Elliott, game for billiard-tables.
- No. 25109.—H. M. Keesing, manufacture of vapour gas.
- No. 25114.—J. Sweeney and J. Kidd, condenser.
- No. 25123.—F. Torrington, plunger for aerated waters.
- No. 25126.—J. Gray, wheel lubricator.
- No. 25127.—J. C. Koller, metal-extraction.
- No. 25130.—H. Quertier, carburetted air.
- No. 25139.—R. Sainsbury, G. Jones, and W. Jenkins, gold-saving table.
- No. 25152.—T. Hall and F. Elvines, metal-saving mat.
- No. 25166.—E. E. F. Grimmer, tire-pump.

[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 27th October to the 7th November, 1908, inclusive:—

- No. 22272.—M. Belk, carcass-brand.
- No. 23132.—D. Amos and H. J. Carroll, trolley-head.
- No. 23133.—D. Matheson, agricultural implement.
- No. 23153.—A. T. Bate, electric furnace. (W. Mosely.)
- No. 23243.—W. Meharry, travelling emery.
- No. 23291.—R. O. Clark, sockets, supports, &c., for laying electric cables.
- No. 23356.—C. M. Stewart, dress-cutting chart. (E. Lan-ger.)
- No. 23370.—J. B. Shacklock, moulding, &c., appliance.
- No. 23380.—R. S. Sanderson, butterfat-weight calculator.
- No. 23463.—W. P. McIndoe, flax-stripper truing-appa-ratus.
- No. 23564.—W. G. Richardson, flax-stripper beating bar. (G. Watson and A. Wynd.)
- No. 23587.—A. H. Wood, washing-boiler.
- No. 23842.—E. N. Waters, sodium-sulphate products obtaining. (Verein Chemischer Fabriken in Mannheim—W. Hasenbach.)
- No. 23884.—B. W. Benn, milking apparatus.
- No. 24081.—W. J. Sturgess, looking-glass, &c., bearings.
- No. 24118.—E. E. Glover, hand-washer and cleansing-apparatus.
- No. 24119.—E. F. W. Alexanderson, alternate-current motor.
- No. 24145.—S. O. Cowper-Coles, cement-manufacture.
- No. 24195.—W. W. Pearce, travelling-trunk.
- No. 24198.—J. T. Hunter, quadding-apparatus. (Lino-type and Machinery Limited—C. S. Woodroffe, H. Pearce, and J. E. Billington.)
- No. 24199.—J. T. Hunter, incandescent mantle. (C. R. Böhm.)
- No. 24204.—D. Morgan, collapsible mould-erecting appa-ratus.
- No. 24206.—T. Bottrell, branding and castrating apparatus.
- No. 24207.—G. P. Innes and T. C. Allen, variable speed, &c., gear.
- No. 24229.—A. H. Borgström, butter-making apparatus.
- No. 24243.—R. Spoendlin, pump.
- No. 24269.—E. H. Strange and C. A. Pim, metal-sheet, &c., manufacturing apparatus.
- No. 24274.—W. E. Hughes, Web printing-machine. (The Printing Machinery Company, Limited—H. F. Bechman.)
- No. 24314.—H. Boddington, window, &c.
- No. 24352.—The Pearson Fire-alarm, Limited, fire-alarm. (A. H. McNeil.)
- No. 24385.—E. B. Killen, wheel.
- No. 24390.—F. Cotton, fuel-burning method.
- No. 24506.—J. Bevan and F. Anderson, valve.
- No. 24568.—F. C. Thompson, indicating, &c., device.
- No. 24569.—W. Rowbotham, carpet-cleaner.
- No. 24570.—R. B. Sigafos, tunnelling-machine.
- No. 24619.—E. St. G. Tucker, preventing corks blowing out of bottles.

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- No. 18380.—M. A. Natrass and L. N. Natrass, churn. (W. W. Pilkington and L. N. Natrass). 2nd Novem-ber, 1908.
- No. 18463.—F. Casey and E. W. Hubbard, suction dredge. 26th October, 1908.
- No. 18538.—D. Clark, separation of ores. 6th October, 1908.
- No. 18670.—R. H. Owen, range-finder. 28th October, 1908.
- No. 18688.—A. J. F. de Bay, ore-treatment. 29th Octo-ber, 1908.
- No. 18693.—E. A. Angus, sewing-machine. 3rd Novem-ber, 1908.
- No. 18714.—A. R. Argus, railway rolling-stock. 4th November, 1908.
- No. 18802.—Socié Anonyme H. and A. Dufaux and Cie, cycle explosion motor. (M. Ruty—H. and A. Dufaux.) 4th November, 1908.
- No. 20251.—F. E. Dunnett, non-corrosive paint. 2nd November, 1908.

THIRD TERM FEES.

- No. 14150.—The Christchurch Brick Company, Limited, brick, &c., manufacture. (B. V. Barreto.) 5th November, 1908.
- No. 14202.—Bendrock Powder Company, explosive. (W. A. Gill.) 4th November, 1908.
- No. 14296.—P. and D. Duncan, Limited, drill and sower discharge. 7th November, 1908.

Subsequent Proprietors of Letters Patent registered.

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

NO. 13850.—Ammonal Explosives (1908), Limited, of 29 Great St. Helens, London, England. Explosive. (Ammonal Explosives, Limited—J. Führer.) 6th November, 1908.

No. 16383.—Frederick Hall, of Gisborne, in the Dominion of New Zealand, Painter, and James Smith Allan, of Gisborne aforesaid, Plumber, registered as proprietor of an equal share for the whole of the South Island of the Dominion of New Zealand, including Stewart Island, and for the whole of the North Island of the said Dominion save and excepting as follows: (1) In the Provincial District of Auckland (excepting, however, those parts, if any, of the present Counties of Cook, Wairoa, and Waiapu that are situate within the Provincial District of Auckland); (2) the Counties of Featherston, Wairarapa South, Masterton, Castlepoint, Mauriceville, Woodville, Pahiatua, Eketahuna, Weber, and Akitio, in the Provincial District of Wellington; (3) the Counties of Hawke's Bay, Waipawa, and Patangata, in the Provincial District of Hawke's Bay; (4) the Counties of Cook, Wairoa, and Waiapu; (5) the Provincial District of Taranaki; (6) the district of Wanganui—as at present held by Messrs. Burrell and Sigley under arrangement with the said Frederick Charles Griffiths. Skylight. (F. C. Griffiths.) 6th November, 1908.

No. 18380.—Marie Antoinette Nattrass, of the City of Wellington, in the Dominion of New Zealand, Married Woman, registered as Proprietor of the whole of Walter William Pilkington's share. Churn. (W. W. Pilkington and L. N. Nattrass.) 3rd November, 1908.

No. 18915.—Ammonal Explosives (1908), Limited, of 29 Great St. Helens, London, England. Explosive. (Ammonal Explosives, Limited—H. R. von Dahmen.) 6th November, 1908.

No. 20838.—Bergedorfer Eisenwerk Aktiengesellschaft, of Sande, near Bergedorf, Germany. Milk-supply tube for cream-separator. (C. Bergner.) 4th November, 1908.

No. 22881.—The New Zealand Hemp Process and By-Products Company, Limited, a private company incorporated under "The Companies Act, 1908," and having its registered office in Emerson Street, in the Borough of Napier and Dominion of New Zealand. Washing and drying New Zealand hemp. (W. G. Richardson and M. H. Scott.) 4th November, 1908.

No. 23564.—William George Richardson, of the City of Auckland, in the Dominion of New Zealand, Hemp Expert. Beating bar for flax-stripping. (G. Watson and A. Wynd.) 3rd November, 1908.

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 27th October to the 9th November, 1908, inclusive:—

- No. 23869.—J. A. Barker, clothes-line.
- No. 23870.—J. Hope, trap nest.
- No. 23873.—H. D. Mudie, gold-saving appliance.
- No. 23886.—T. Mitchell and W. Binns, dust arresting and allaying medium.
- No. 23889.—J. T. Tuck, lock-nut.
- No. 23892.—F. H. Trevellian, cash register.
- No. 23893.—J. T. Muir, butter pounder and packer. (E. G. McDougall.)
- No. 23894.—F. A. Alcock, billiard-table.
- No. 23896.—A. H. Kortlang, farm, &c., gate.
- No. 23901.—H. Thorne and T. J. Littlewood, footwear.
- No. 23902.—H. C. Thomsen, threshing cocksfoot, &c.
- No. 23907.—T. Aitken, lime and manure distributor.

Applications for Letters Patent void.

APPPLICATIONS for Letters Patent, with which complete specifications have been lodged, void owing to non-acceptance of such complete specifications, from the 28th October to the 10th November, 1908, inclusive:—

- No. 23261.—C. G. and D. E. A. Jones and J. G. Stevens, puncture-sealing composition.
- No. 23269.—J. Jolly, stack-cover.

B

Applications for Letters Patent lapsed.

APPPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 27th October to the 9th November, 1908, inclusive:—

- No. 22756.—J. E. Friend, rotary gas-engine.
- No. 22793.—G. W. King and A. H. Munro, seed-sower.
- No. 22890.—C. Kendrick, barbed-wire unwinder.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 26th October to the 9th November, 1908, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

- No. 18207.—H. Mowlem, envelope-opener.
- No. 18225.—Worsey Hoal, Gold Extracting Syndicate, Limited, gold-extraction. (J. W. Worsey and E. Hoal.)
- No. 18228.—A. J. F. de Bavay, separating zinc blende from ores.
- No. 18229.—S. W. Bonsall, combination hanger.
- No. 18233.—T. Macalpine, oil-refining apparatus.
- No. 18234.—E. F. B. Kenyon, potato-peeler.
- No. 18238.—H. L. Mitchell, G. C. Oakley, and G. W. Goode, composition for binding coal-dust.
- No. 18251.—R. Wales, coin-freed machine.
- No. 18252.—G. E. Bailey, advertising.
- No. 18254.—R. E. Smallbone, toasting-appliance.
- No. 18256.—A. J. Fisher, paint.
- No. 18271.—W. G. Rifenburg, muller and amalgamator.
- No. 18273.—J. G. Nash, gas-producer.
- No. 18274.—Rowe's Patent Lock and Block, Limited, railway-traffic-control system. (W. Rowe.)
- No. 18278.—A. Prior, box.
- No. 18280.—L. Banks, press-copying apparatus.
- No. 18282.—P. and D. Duncan, Limited, seed-sower. (J. Keir.)
- No. 18285.—H. Leek, railway, &c., carriage-seat.
- No. 18287.—J. Shoob, incandescent gas-light.
- No. 18289.—C. Nettheim and R. Steele, boot.
- No. 18290.—The British Westinghouse Electric and Manufacturing Company, Limited, controller for electric motor. (J. T. Hunter—G. Laird and J. P. Todd.)
- No. 18291.—W. H. Spiller, cream-separator and milk-cooler.
- No. 18296.—J. J. Strain, gas-stove.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 13860.—G. E. Humphries, removable window-sash.
- No. 13865.—The London Wax Vesta Company, Limited, wax match. (A. J. Fredrikson.)
- No. 13894.—J. W. G. Alford and B. C. Martin, window-ventilator.

THROUGH EXPIRY OF TERM.

- No. 7237.—The International Cigar Machinery Company, cigar-making machine. [The Compagnie Générale pour l'exploitation des machines a fabriquer les cigares (Brevets, J. Reuse.) Societe Anonyme—J. Reuse.]
- No. 7248.—R. Mackinnon, weed-eradicating implement.

Application for Letters Patent opposed.

NOTICE of opposition has been filed in the following case:—

- No. 24646.—A. H. Anderson and H. C. Ell, suction dressing-apparatus for threshing-machine. (Opposed by J. E. Watkins.)

Designs registered.

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

- No. 410.—Charles Grazzini, of 11 Wright Street, Wellington, New Zealand. Class 3. 28th October, 1908.
- No. 411.—Edmund Townsend and John William O'Sullivan, trading as "The Colonial Tinware and Japanning Company," of Wellington, in the Dominion of New Zealand, Manufacturers. Class 1. 28th October, 1908.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 11th November, 1908.

APPLICATIONS or 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: 6693.

Date: 8th June, 1907.

TRADE MARK.

The word

“LITO.”

NAME.

HOVIS-BREAD FLOUR COMPANY, LIMITED, of 34 Victoria Street, Westminster, London S.W., England.

No. of class: 42.

Description of goods: All articles in this class.

[NOTE.—Class 42 is for “Articles used as food or as ingredients in food.”]

No. of application: 7385.

Date: 15th June, 1908.

TRADE MARK.

Woodrow & Sons
HAT MANUFACTURERS



The essential particulars of this trade mark are the distinctive device and the name written in the particular manner shown; and the applicants disclaim any right to the exclusive use of the added matter, except their addresses.

NAME.

J. WOODROW AND SONS, LIMITED, of Stockport, England.

No. of class: 38.

Description of goods: Hats and caps of all kinds.

No. of application: 7537.

Date: 28th August, 1908.

TRADE MARK.



The essential particulars of this trade mark are the words and device “Clover Leaf”; and any right to the exclusive use of the added matter is disclaimed.

NAME.

J. B. MAC EWAN AND Co., LIMITED, of Wellington, in the Dominion of New Zealand.

No. of class: 42.

Description of goods: Butter.

No. of application: 7581.

Date: 25th September, 1908.

TRADE MARK.



J. F. DRAKE,

Cordial and Sauce Manufacturer, Milton.

NAME.

JOHN FURLEY DRAKE, of Milton, in the Dominion of New Zealand, Cordial and Sauce Manufacturer.

No. of class: 42.

Description of goods: Condiments and sauces.

No. of application: 7583.

Date: 28th September, 1908.

TRADE MARK.



The essential particulars of this trade mark are the distinctive design and the word “Kiwi”; and any right to the exclusive use of the added matter is disclaimed.

NAME.

TONKIN AND Co., of High Street, Dunedin, in the Dominion of New Zealand, Produce Exporters.

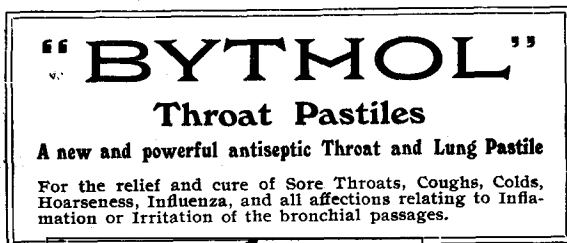
No. of class : 42.

Description of goods : Frozen meat.

No. of application : 7595.

Date : 2nd October, 1908.

TRADE MARK.



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

NAME.

ROBERT PERCY CHATFIELD, of 7 Pitt Street, Sydney, New South Wales, in the Commonwealth of Australia, Secretary.

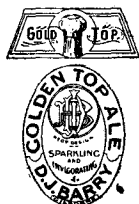
No. of class : 3.

Description of goods : Throat pastilles.

No. of application : 7607.

Date : 8th October, 1908.

TRADE MARK.



The essential particulars of this trade mark are the words "Gold Top," the device, and the distinctive label; and any right to the exclusive use of the added matter is disclaimed.

NAME.

DAVID JOHN BARRY, of Gisborne, in the Dominion of New Zealand, Brewer and Cordial-maker.

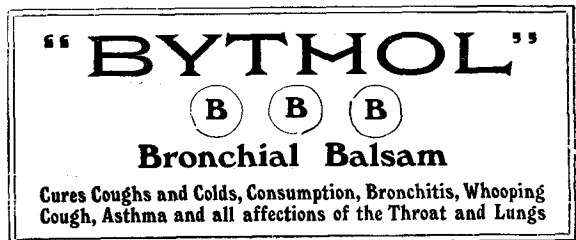
No. of class : 43.

Description of goods : Ale.

No. of application : 7611.

Date : 15th October, 1908.

TRADE MARK.



The essential particulars of this trade mark are the three B's and the word "Bythol"; and any right to the exclusive use of the additional descriptive matter is disclaimed.

NAME.

ROBERT PERCY CHATFIELD, of 7 Pitt Street, Sydney, New South Wales, in the Commonwealth of Australia, Secretary.

No. of class : 3.

Description of goods : "Bythol" bronchial balsam.

No. of application : 7631.

Date : 22nd October, 1908.

TRADE MARK.

OBSERVE! Prepared only by JOHN STEEDMAN, CHEMIST, WALWORTH, SURREY.

Steedman's Soothing Powder.

DOSE. From one to three months, the third of a Powder; from three to six months, half a Powder; from six months and above that age, one Powder only and no more; for further particulars, read the large bill of directions.

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

The applicants claim that the said trade mark has been used by them and their predecessors in business in respect of the article mentioned for upwards of one year before the 2nd day of September, 1889.

NAME.

STEEDMAN AND Co., of 272 Walworth Road, in the County of London, England, Chemists and Merchants.

No. of class : 3.

Description of goods : Soothing - powders for use by children when cutting their teeth.

No. of application : 7634.

Date : 22nd October, 1908.

TRADE MARK.

The words "ALL-GOLD."

NAME.

DAINTIES LIMITED, of Lichfield Street, Christchurch, in the Dominion of New Zealand, Confectioners and Merchants.

No. of class : 42.

Description of goods : Tea, coffee, and cocoa.

No. of application : 7642.

Date : 28th October, 1908.

TRADE MARK.

The word

"CONQUEROR."

NAME.

HAYMAN AND Co., of 3 Coleman Street, London E.C., England, Merchants.

No. of class : 50.

Description of goods : Tobacco-pipes, cigar and cigarette holders.

No. of application : 7645.

Date : 28th October, 1908.

TRADE MARK.

The word

"RAPIDIUM."

NAME.

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

No. of class : 40.

Description of goods : Billiard-table cushions.

No. of application : 7646.

Date : 29th October, 1908.

TRADE MARK.

The word

"CRYSTAL."

NAME.

BRAY BROS., of Wellington, in the Dominion of New Zealand.

No. of class : 42.

Description of goods : Dairy-produce.

No. of application : 7647.

Date : 31st October, 1908.

TRADE MARK.

The word

Astra

NAME.

BERGEDORFER EISENWERK AKTIENGESELLSCHAFT, of Sande, near Reinbek, Germany.

No. of class : 7.

Description of goods : Dairy implements and utensils of all kinds included in this class.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 29th October to the 7th November, 1908, inclusive :—

No. 5925/7465.—Philips and Pike. Class 45. (*Gazette* No. 64, of the 20th August, 1908.)

No. 5926/7466.—Philips and Pike. Class 45. (*Gazette* No. 64, of the 20th August, 1908.)

No. 5927/7487.—J. W. Lyes. Class 3. (*Gazette* No. 64, of the 20th August, 1908.)

No. 5928/7454.—E. Spinks. Class 3. (*Gazette* No. 61, of the 6th August, 1908.)

Trade Mark Renewal Fees paid.

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

No. 1287/1000.—25th October, 1908.—Saunders, Gilbert, and Co., Napier, New Zealand. 24th October, 1908.

No. 1353/1075.—16th January, 1909.—H. E. Partridge and Co., Auckland, New Zealand. 31st October, 1908.

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 27th October to the 9th November, 1908, inclusive :—

No. 1202/945.—2nd August 1894.—Société Anonyme de la distillerie de la liqueur Benedictine de l'Abbaye de Fécamp, of Fécamp, France. Class 43.

No. 1205/915.—4th August, 1894.—S. Aubert, Jerusalem, New Zealand. Class 3.

No. 1206/916.—4th August, 1894.—S. Aubert, Jerusalem, New Zealand. Class 3.

No. 1207/949.—4th August, 1894.—G. T. K. Mackenzie, Wellington, New Zealand. Class 50.

Subsequent Proprietors of Trade Marks registered.

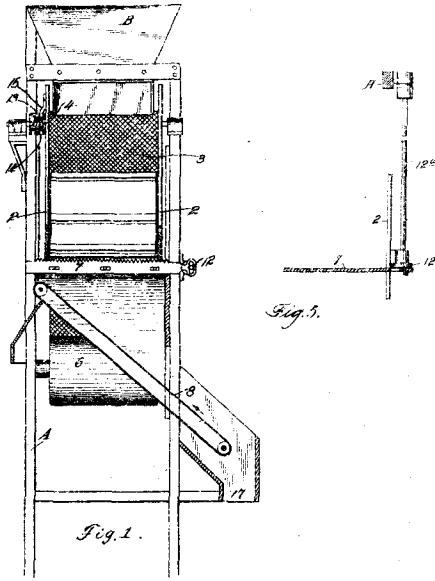
[NOTE.—The name of the former proprietor is given in brackets; the date is that of registration.]

NO. 4898/3902.—The Corn Products Refining Company, a company incorporated in the United States of America, and having its office at 26 Broadway, New York, United States of America. (Bates, Sise, and Co.) 5th November, 1908.

By Authority : JOHN MACRAX, Government Printer, Wellington.

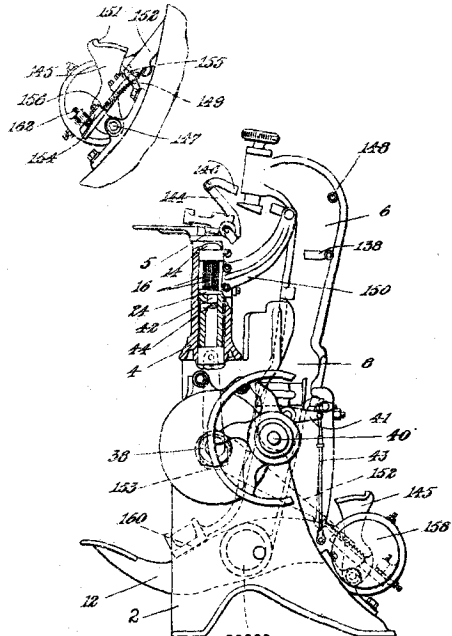
ILLUSTRATIONS OF INVENTIONS.

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

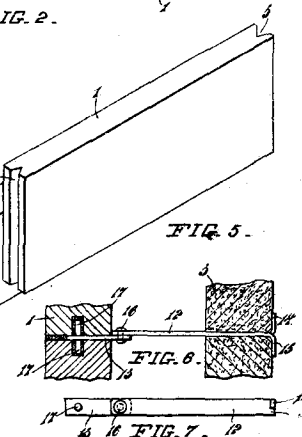
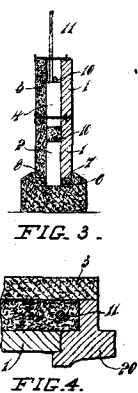
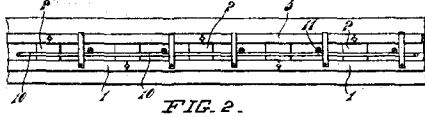
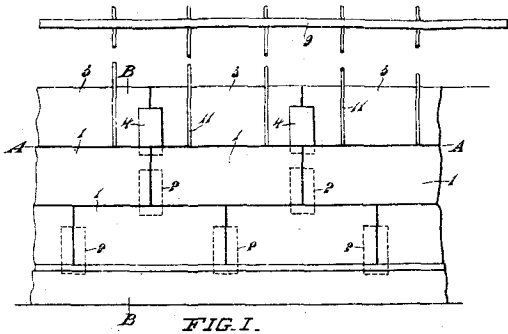


23717

E. Clemens Horst Company. Hop-picker. (Horst and Elrhorn.)

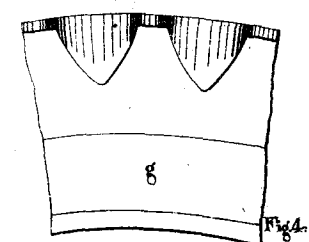
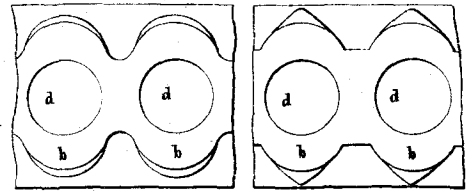
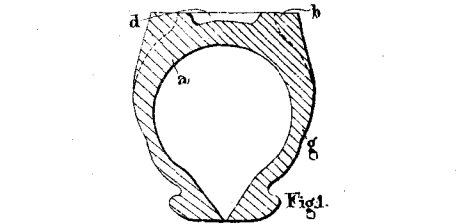


United Shoe Machinery Co. Heel-building Machine. (Barclay & Bates.)



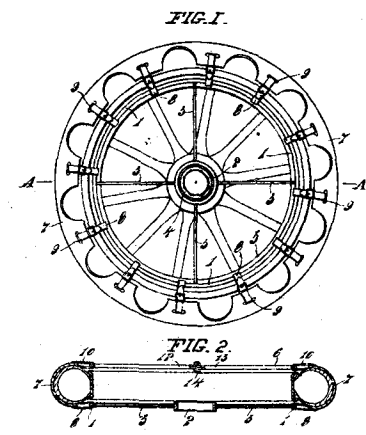
25057

Mitchell. Wall and Partition.



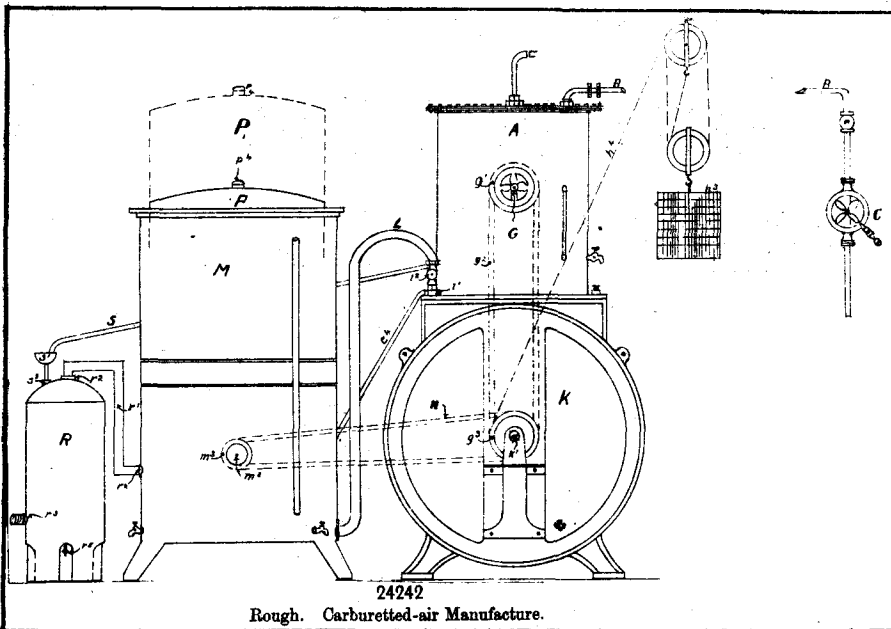
24863

Kempshall. Tyre.



23912

Grove. Tire-tread Holder.



24242
Rough. Carburetted-air Manufacture.

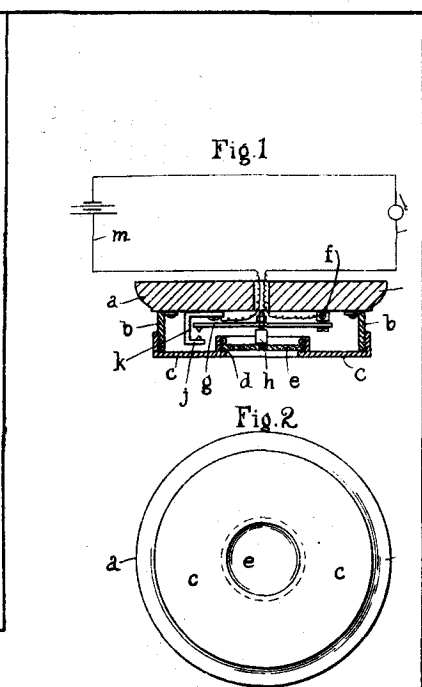


Fig. 1

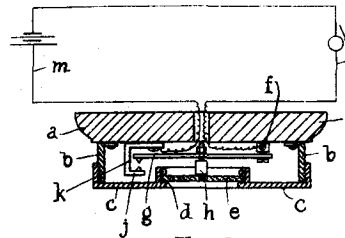


Fig. 2

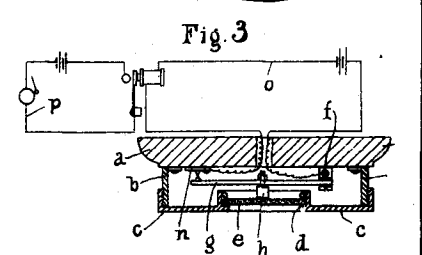


Fig. 3

24624
Castle. Fire-alarm.

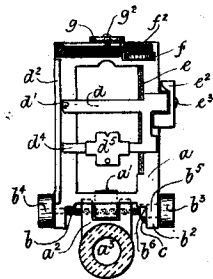


Fig. 1.

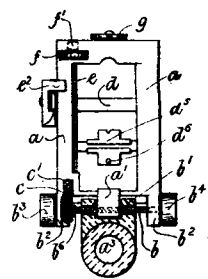


Fig. 2.

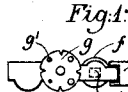


Fig. 3.

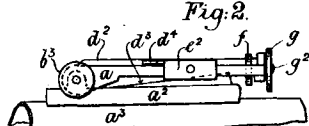


Fig. 4.



Fig. 5.



Fig. 6.



Fig. 7.



Fig. 8.



Fig. 9.



Fig. 10.



Fig. 11.

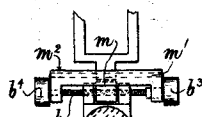


Fig. 12

24578
Downey. Wind-gauge.

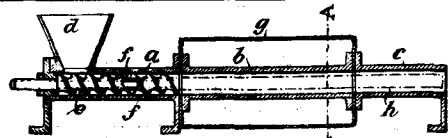


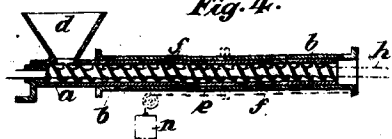
Fig. 2.



Fig. 3.



Fig. 4.



25078

Gare. Regenerating Waste Rubber.

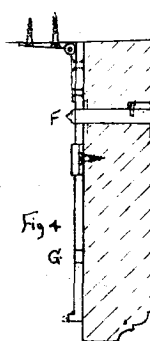
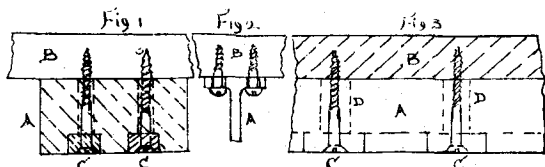


Fig. 4.

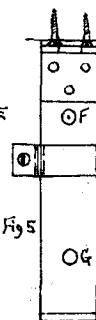


Fig. 5.

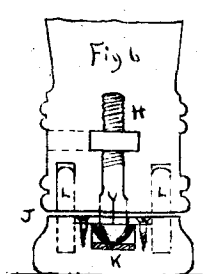


Fig. 6.

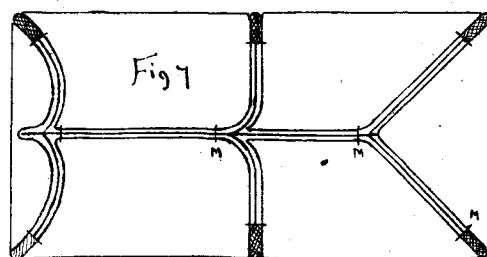


Fig. 7

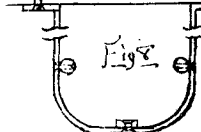
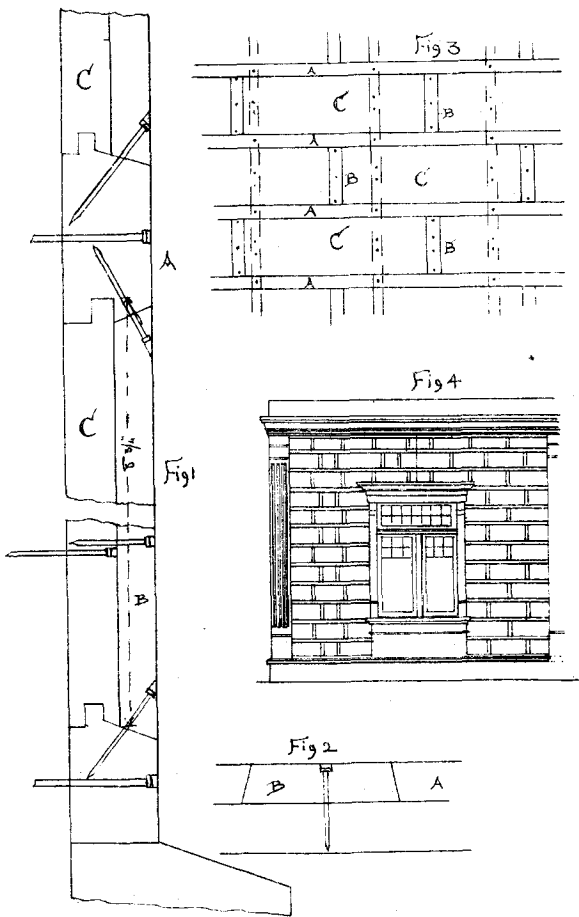


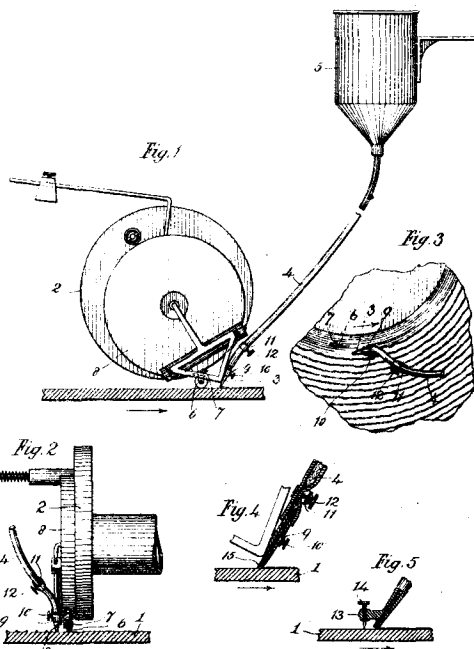
Fig. 8

24776

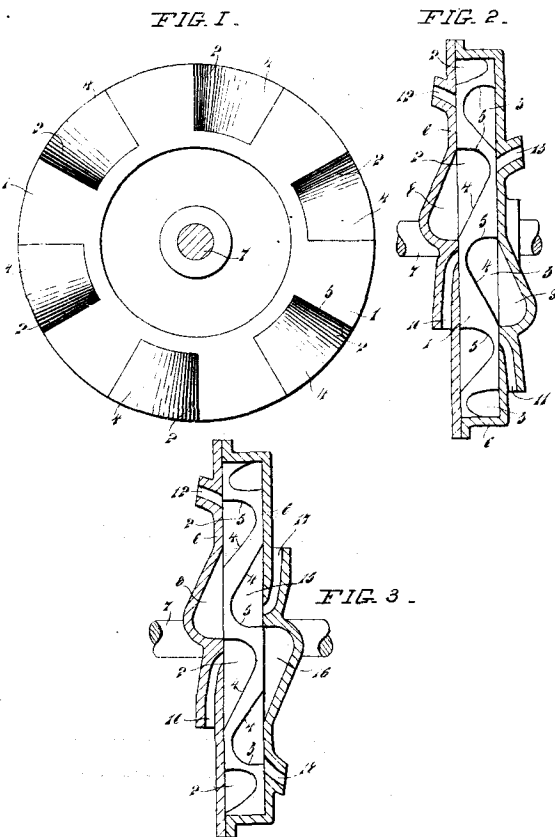
Martyn. Billiard-table.



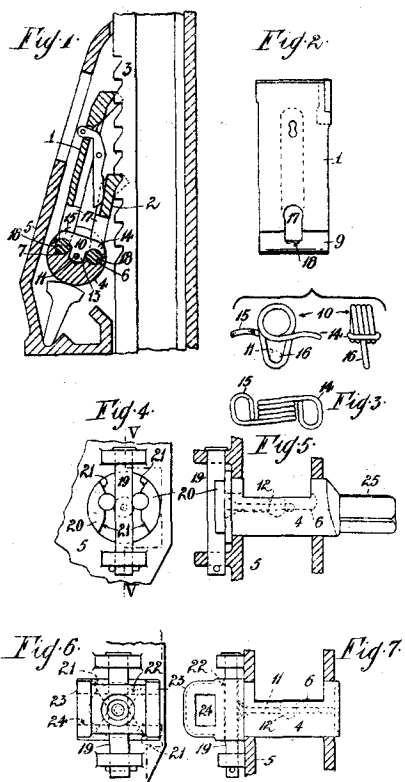
24781 Martyn. Weatherboarding.



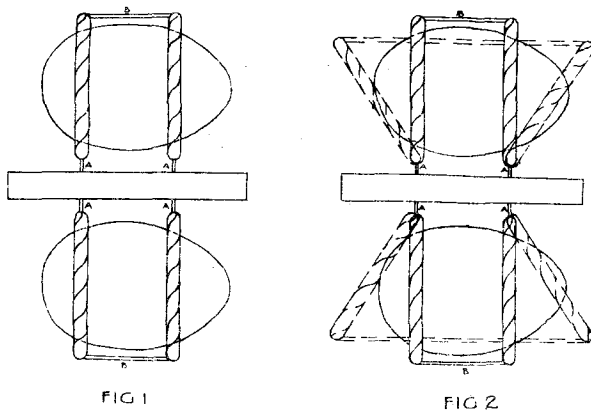
24964 Owen. Sound-record.



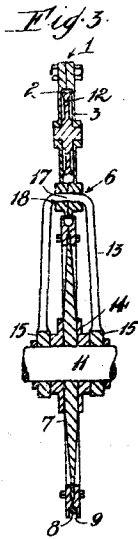
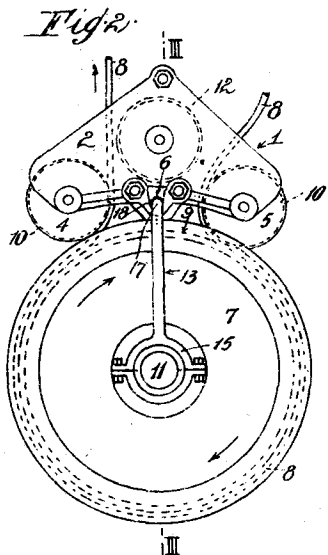
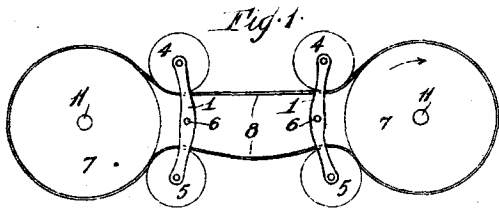
24974 Cederman and Peake. Turbine.



25063 B. and W. Trehwella. Pawl and Ratchet.



23851 Radford. Egg-carrier.



25061
B. and W. Trehella. Roller Grip for Gearing.

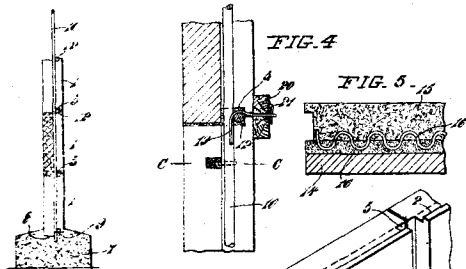
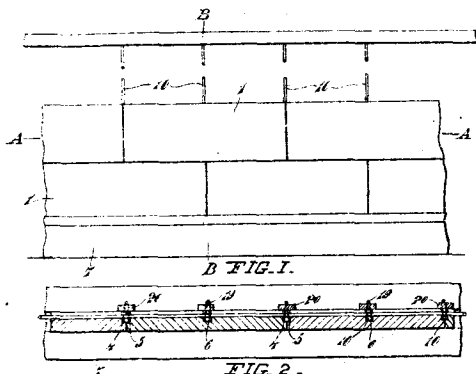
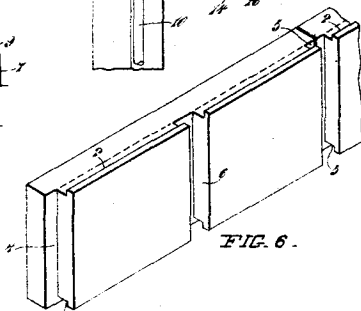


FIG. 3.



25070
Mitchell. Wall-construction.

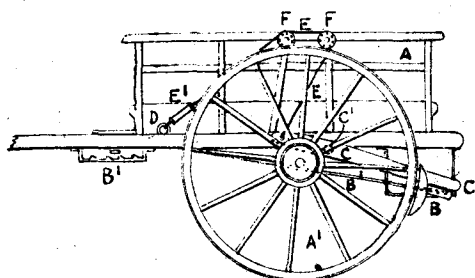
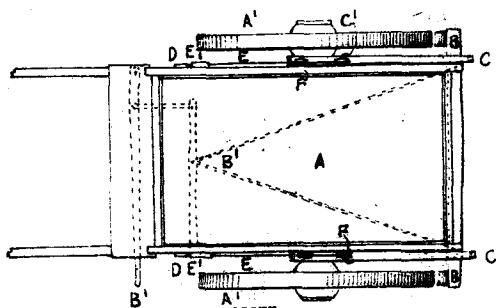
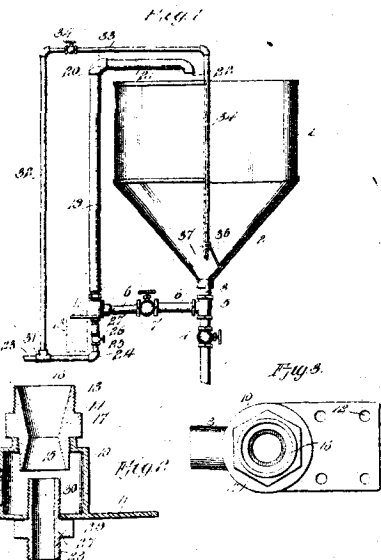


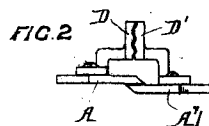
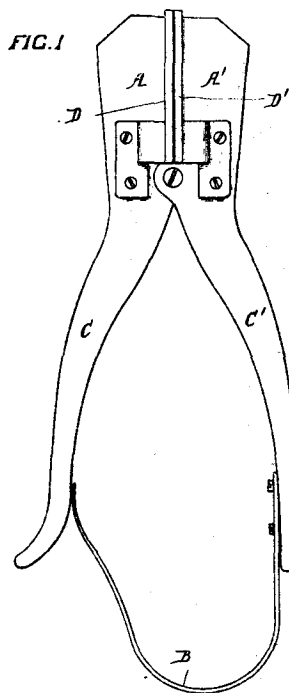
FIG. 1



25077
Styler. Dray-brake.



23758
Smith. Metal-extraction.



24825
Nordberg. Hop-stringer.