

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, JANUARY 9, 1908.

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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 colony:—

WELLINGTON.—PATENT OFFICE LIBRARY.

United Kingdom.

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 8th August, 1907.

Classified illustrated abridgments of inventions from 1855 to 1904.

Illustrated Official Journal, containing lists of recent applications, abridgments of inventions for which patents have been lately granted, patents void, &c., to November, 1907.

Index of Applicants.

Subject-matter Index.

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

Trade Marks Journal to October, 1907.

Canada.

Patent Office Record (containing illustrated abridgments of inventions, &c.) to September, 1907.

Australia.

The full text of the specifications and complete drawings in respect of applications accepted from the 11th January to the 1st March, 1907, 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 first half of the year 1905.

The Official Gazette of the United States Patent Office (containing illustrated abridgments of specifications, &c.) to November, 1907.

Mexico.

The Official Gazette of the Patent and Trade Mark Office.

General.

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

Patent laws of the world.

Patent and Trade Mark Review.

Text-books and handbooks on patents and trade marks.

AUCKLAND.—PUBLIC LIBRARY.

United Kingdom.

Classified abridgments of inventions from 1855 to 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.

^(a) Discontinued.

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

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.

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^(f).
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^(g).

Pamphlet containing Act and Regulations (price 1s.).

^(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.

^(f) Names of applicants for registration and proprietors of trade marks are indexed at the beginning of the Registers up to 31st December, 1899; in separate volume up to 5th September, 1904; and since the latter date in card index.

^(g) 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 1888 inclusive.
- Annual reports of the Registrar, containing alphabetical lists of applicants for letters patent and of inventions patented from 1889 to 1906 inclusive.
- The Patents Supplement to *Gazette* (containing notifications, applications for letters patent, abridged descriptions and drawings of inventions, &c.), published fortnightly.

Notice.—Holiday.

THE Patent Office will be closed on Wednesday, the 22nd instant, for the celebration of Anniversary Day.

Patent Office Agent appointed.

Department of Justice,
Wellington, 8th December, 1907.

HIS Excellency the Governor has been pleased to appoint
ALFRED TRIMBLE
to be Patent Office Agent at Napier.
J. MCGOWAN.

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.)
- Thames—Courthouse. (J. Jordan, agent.)
- Gisborne—Supreme Court. (G. J. A. Johnstone, agent.)
- New Plymouth—Supreme Court. (W. A. D. Banks, agent.)
- Napier—Supreme Court. (A. Trimble, agent.)
- Wanganui—Courthouse. (C. A. Barton, agent.)
- Nelson—Supreme Court. (E. C. Kelling, agent.)
- Blenheim—Supreme Court. (J. Terry, agent.)
- Westport—Courthouse. (O. B. Bowling, agent.)
- Greymouth—Courthouse. (B. Harper, agent.)
- Hokitika—Courthouse. (J. N. Nalder, agent.)
- Christchurch—Supreme Court. (W. W. Samson, agent.)
- Ashburton—Courthouse. (F. W. Hart, agent.)
- Timaru—Courthouse. (T. W. Taylor, agent.)
- Oamaru—Courthouse. (E. P. Ward, agent.)
- Dunedin—Supreme Court. (T. E. Roberts, agent.)
- Queenstown—Courthouse. (A. J. Thompson, agent.)
- Invercargill—Court House. (J. R. Colyer, agent.)

Patent Agents.

THE following is a list of the Patent Agents at present on the Register:—

- Atkinson, H. T., Solicitor, Hawera.
- Atkinson, S. A., Solicitor, Featherston Street, Wellington.
- Baldwin, E. S., Lambton Quay, Wellington.
- Barnett, A. H., Solicitor, Lambton Quay, Wellington.
- Basley, G. W., Solicitor, Swanson Street, Auckland.
- Basley, P. H., Solicitor, Queen Street, Auckland.
- Bell, E. D., Solicitor, Panama Street, Wellington.
- Bolton, F. G., Solicitor, Featherston Street, Wellington.
- Buddle, C. F., Solicitor, Wyndham Street, Auckland.
- Campbell, J. P., Solicitor, Featherston Street, Wellington.
- Churchward, W. T., Solicitor, Blenheim.
- Clement, J. R., Solicitor, Waimate.
- Coates, C. C., Engineer, Winchester Street, Lyttelton.
- Cottrell, A. C., Solicitor, Westport.
- Dalton, W. J., Queen Street, Auckland.
- Featou, E. H., Gisborne.
- Gillanders, L. R., Ravensbourne, Dunedin.

- Gray, A., Solicitor, Lambton Quay, Wellington.
- Hadfield, E. F., Solicitor, Featherston Street, Wellington.
- Hall, H., Solicitor, Panama Street, Wellington.
- Hamerton, R. C., Solicitor, Lambton Quay, Wellington.
- Hart, A. H., Gloucester Street W., Christchurch.
- Haselden, H. C., Queen Street, Auckland.
- Hawkins, G. F., Solicitor, Palmerston North.
- Holdsworth, F., Solicitor, Lambton Quay, Wellington.
- Hughes, W. E., Queen's Chambers, Wellington.
- Hunter, J. T., Queen's Chambers, Wellington.
- Izard, C. H., Solicitor, Featherston Street, Wellington.
- Knight (LL.D.), C. P., Solicitor, Panama Street, Wellington.
- Lillierap, J. F., Solicitor, Bowmont Street, Invercargill.
- Longuet, C. S., Solicitor, Esk Street, Invercargill.
- Luckie, M. M. F., Solicitor, Featherston Street, Wellington.
- Martin, T. F., Solicitor, Featherston Street, Wellington.
- McKnight, H., Solicitor, Auckland.
- Moore, J. H., Solicitor, care of Smithson and Raymond, Timaru.
- Murdoch, J. H. G., Solicitor, Hastings, Hawke's Bay.
- Myers, M., Solicitor, Panama Street, Wellington.
- Neumegen, W. M., Solicitor, Shortland Street, Auckland.
- Newton, P. M., Hereford Street, Christchurch.
- Nielsen, C. W., Solicitor, Featherston Street, Wellington.
- Organ, W. J., Solicitor, Featherston Street, Wellington.
- Park, A. J., Solicitor, Princes Street, Dunedin.
- Park, J. R., Princes Street, Dunedin.
- Peacock, J. C., Solicitor, Wellington.
- Pinches, W., Architect, Wanganui.
- Porritt, E. W., Solicitor, Paeroa, Thames.
- Pownall, C. A., Solicitor, Masterton.
- Quick, W. H., Solicitor, Featherston Street, Wellington.
- Rayward, H. H., Lambton Quay, Wellington.
- Reed, V. H., Solicitor, Kawakawa, Bay of Islands.
- Reid, jun., D., Solicitor, Ross Street, Dunedin.
- Rhodes, F., Solicitor, Tennyson Street, Napier.
- Richmond, H. P., Solicitor, Lambton Quay, Wellington.
- Richmond, M. W., Solicitor, Wellington.
- Robinson, W. I., Epsom and Mount Albert Road, Mount Roskill, Auckland.
- Somerville, W. G., Solicitor, Willis Street, Wellington.
- Thompson, J., Solicitor, Featherston Street, Wellington.
- Tolhurst, R. M., Solicitor, Featherston Street, Wellington.
- Treadwell, C. H., Solicitor, Panama Street, Wellington.
- Tripp, L. O. H., Solicitor, Brandon Street, Wellington.
- Upham, J. H., Solicitor, Christchurch.
- Vaile, P. A., Solicitor, Queen Street, Auckland.
- Wales, R., Engineer, Imperial Buildings, Dunedin.
- Wilson, J. E., Solicitor, New Plymouth.
- Wynyard, M. H., Solicitor, Queen Street, Auckland.
- Young, T., Solicitor, Featherston Street, Wellington.

Patents Supplement to Gazette.

PERSONS interested in Patents, Designs, and Trade Marks will find valuable information about such matters in the Patents Supplement to the *Gazette*, issued fortnightly. Each number contains a list of applications for patents during the current fortnight, claims and drawings of complete specifications that have been accepted, lists of trade marks and designs registered, latest official information, &c.

Single copy: Price, 6d. } Postage included.
Annual subscription: 10s. }
Obtainable from the Government Printer, 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.)

- 1907.
- No. 23799.—7th December.—R. C. Gardiner, Johnsonville, N.Z.
Incandescent gas-burner.*
- No. 23800.—9th December.—H. M. Levinge, Okato, N.Z.
Altazimuth instrument.

- No. 23801.—9th December.—J. W. Mardon, Wellington, N.Z., and G. Hudson, Wanganui, N.Z.
Railway-crossing alarm.
- No. 23802.—5th December.—R. Muir, Auckland, N.Z.
Chair.
- No. 23803.—7th December.—R. H. Johnson, Ravensbourne, N.Z.
Washing-board.
- No. 23804.—10th December.—J. W. Mardon, Wellington, N.Z., and G. W. Hudson, Wanganui, N.Z.
Signal-wire adjuster.
- No. 23805.—10th December.—J. McHalick, Takapau, N.Z.
Road-making implement.
- No. 23806.—10th December.—J. Dewhirst, Hokitika, N.Z.
School-slate.
- No. 23807.—11th December.—S. Campbell and J. S. Gribbon, Romsey, Vic.
Bucket-support.
- No. 23808.—11th December.—W. J. Dunlop, Marshlands, N.Z.
Fire-grate.
- No. 23809.—11th December.—H. P. Mortensen and N. P. Nielsen, Palmerston North, N.Z.
Liquefying milk-froth.*
- No. 23810.—11th December.—J. W. Sutton, Brisbane, Queensland.
Oil-vaporiser &c.*
- No. 23811.—11th December.—United Shoe Machinery Company, Paterson, U.S.A.
Inseam-trimming machine. (*A. Bates.*)
- No. 23812.—11th December.—D. Roberts, Grantham, Eng.
Internal-combustion engine.*
- No. 23813.—11th December.—D. Roberts, Grantham, Eng.
Internal-combustion engine.*
- No. 23814.—11th December.—The American Linen Company, New Haven, U.S.A.
Flax-machine.* (*O. G. Cooke.*)
- No. 23815.—11th December.—A. Zabriskie, Paterson, U.S.A.
Fibre-preparing machine.*
- No. 23816.—11th December.—R. N. R. Lindsay, Auckland, N.Z.
Metal-shears.
- No. 23817.—7th December.—R. Millis, Dunedin, N.Z.
Fibre-machine.
- No. 23818.—7th December.—J. Fisher, Dunedin, N.Z.
Brace.
- No. 23819.—7th December.—The Karsam Soap Company, Limited, London, Eng.
Soap-manufacture.* (*M. R. A. Samuel and A. A. Lockwood.*)
- No. 23820.—7th December.—Sir W. Palmer, Bart., London, Eng., and F. E. Blackmore, Reading, Eng.
Dough-working, &c., apparatus.*
- No. 23821.—10th December.—F. Delsie, Christchurch, N.Z.
Bicycle.
- No. 23822.—12th December.—H. Spear, Wellington, N.Z.
Spectacles.
- No. 23823.—12th December.—H. J. Cunningham and R. C. Bishop, Christchurch, N.Z.
Cotton-reel.
- No. 23824.—12th December.—Joseph Baker and Sons, Limited, London, Eng.
Dough-dividing machine.* (*J. Burns.*)
- No. 23825.—10th December.—J. C. L. Campbell, Achalader, Scotland.
Fruit-preserving.*
- No. 23826.—2nd December.—H. L. Finnis, Napier, N.Z.
Docking and branding iron.*
- No. 23827.—13th December.—R. Dixon and R. S. Watson, Islington, N.Z.
Apparatus for mixing depilatory solutions.
- No. 23828.—13th December.—J. Clegg, Christchurch, N.Z.
Go-cart cover.
- No. 23829.—16th December.—P. Browne, Waikino, N.Z.
Centrifugal thickening and separating machine.
- No. 23830.—16th December.—F. Giblin, Castlecliff, N.Z.
Boiler solution.
- No. 23831.—16th December.—J. Humphreys and W. Willis, Napier, N.Z.
Draught, &c., excluder.*
- No. 23832.—16th December.—T. J. Cahill, Auckland, N.Z.
Brake-gear.
- No. 23833.—16th December.—G. Norris, Dartmore, N.Z.
Tire-protector.
- No. 23834.—14th December.—P. S. O'Neill, Kokiri, N.Z.
Boiler-tube and tube-plates.*
- No. 23835.—16th December.—J. T. Renshaw, Dunedin, N.Z.
Boot-jack.
- No. 23836.—18th December.—J. V. M. Risberg, Sodertelje, Sweden.
Emulsifying, &c., milk.*
- No. 23837.—18th December.—J. T. Hunter, Wellington, N.Z.
Type composing and distributing machine.* (*Linotype and Machinery, Limited—C. A. Albrecht, F. Gantzer, C. W. Graenick, F. J. Wich, J. E. Billington, C. Holliswell, J. H. Joy, and H. Pearce.*)
- No. 23838.—18th December.—J. E. Friend and E. H. Friend, Annandale, N.S.W.
Turbine.
- No. 23839.—18th December.—J. H. Muir and J. D. Muir, East Brunswick, Vic.
Elevator.*
- No. 23840.—19th December.—R. J. Fry, Carlton, Vic.
Horse-shoe-making machine.*
- No. 23841.—19th December.—A. Peddie, W. E. Pitt, and D. M. Fea, Dunedin, N.Z.
Railway-carriage ventilator.
- No. 23842.—19th December.—E. N. Waters, Melbourne, Vic.
Manufacture of sodium-sulphate-reduction products.* (*Verein Chemischer Fabriken.*)
- No. 23843.—19th December.—J. N. Caught, St. Kilda, Vic.
Marine engine.*
- No. 23844.—17th December.—J. C. Drewet, Auckland, N.Z.
Fibre-dresser.
- No. 23845.—20th December.—A. E. Bent, St. Kilda, Vic., and G. W. Stewart, East Melbourne, Vic.
One-rail-railway carriage and track.
- No. 23846.—20th December.—P. Cody, Ngahauranga, N.Z.
Railroad tipping-wagon.
- No. 23847.—20th December.—P. O. von Hartitzsch, Wellington, N.Z.
Trolley-pole retriever.
- No. 23848.—20th December.—J. H. Beamish, Auckland, N.Z.
Ventilating buildings.
- No. 23849.—19th December.—C. F. Overton, Clydevale, N.Z.
Clip-twister for attaching cyclone droppers.
- No. 23850.—18th December.—R. M. Smith, Coal Creek Flat, N.Z.
Baled-goods indicator.*
- No. 23851.—18th December.—H. R. Radford, Waimauku, N.Z.
Egg-carrier.
- No. 23852.—18th December.—Monotype Machine (Colonial Patents) Syndicate, Limited, London, Eng.
Record strip composing machine.* (*J. S. Bancroft and M. C. Indahl.*)
- No. 23853.—18th December.—Monotype Machine (Colonial Patents) Syndicate, Limited, London, Eng.
Perforating-machine.* (*J. S. Bancroft.*)
- No. 23854.—23rd December.—W. T. Johnson, Wellington, N.Z.
Weather-stop for windows.
- No. 23855.—23rd December.—S. A. Bradley, Merrigum, Vic.
Fixing colour of fruit, &c.*
- No. 23856.—23rd December.—S. A. Bradley, Merrigum, Vic.
Composition for treatment of tomatoes.*
- No. 23857.—23rd December.—S. A. Bradley, Merrigum, Vic.
Packing-crate for fruit.*
- No. 23858.—24th December.—A. J. Roycroft, Waihi, N.Z.
Fire-alarm and locality-indicator.
- No. 23859.—24th December.—F. C. Mundt, Schoeneberg, Ger., and P. Kruger, Charlottenburg, Ger.
Nitrogen-compound manufacture.* (*A. R. Frank and M. Voigt.*)
- No. 23860.—24th December.—F. P. Rudder, Derby, Eng.
Furnace.*
- No. 23861.—24th December.—V. G. Smith, Copenhagen, Denmark.
Butter-washing.*
- No. 23862.—24th December.—G. C. Chadwick, Melbourne, Vic.
Loading coal from vessels, &c.*
- No. 23863.—24th December.—G. McNab, Wellington, N.Z.
Tilting casks.*
- No. 23864.—23rd December.—T. J. Wilson, Nelson, N.Z.
Soap-saver.*
- No. 23865.—30th December.—J. H. Beamish, Auckland, N.Z.
Roofing.*
- No. 23866.—30th December.—J. C. Benn, Sydney, N.S.W.
Extension ladder.*
- No. 23867.—23rd December.—A. Hedley, Dunedin, N.Z.
Salvage gear.*
- No. 23868.—23rd December.—C. T. Williams, Dunedin, N.Z.
Window-sash hanging.
- No. 23869.—30th December.—J. A. Barker, Masterton, N.Z.
Clothes-line.
- No. 23870.—30th December.—J. Hope, Rangitukia, N.Z.
Trap nest.

- No. 23871.—30th December.—J. Ford, Dunedin, N.Z.
Convertible perambulator.*
- No. 23872.—30th December.—A. F. Hadecke, Rangiora, N.Z.
Threshing-machine.
- No. 23873.—31st December.—H. D. Mudie, Ballarat, Vic.
Gold-saving appliance.
- No. 23874.—31st December.—A. D. Wilson, Stellensboseh,
Cape Colony.
Separating minerals, &c.*
- No. 23875.—31st December.—F. W. Cullimore, Christchurch,
N.Z.
Billiard-table.
- No. 23876.—31st December.—F. R. Simmonds and W.
Seifert, Takapau, N.Z.
Catching flax from stripper, &c.*

1908.

- No. 23877.—3rd January.—J. A. Boyd, Wellington, N.Z.
Parlour skittles.
- No. 23878.—3rd January.—J. A. Boyd, Wellington, N.Z.
Step-ladder.
- No. 23879.—3rd January.—The Swiftsure Syndicate, Li-
mited, Liverpool, Eng.
Separation of butter from cream or milk.*
(W. W. Mellor.)
- No. 23880.—3rd January.—W. C. Johnson, Sussex, Eng.
Water-distributor.*
- No. 23881.—3rd January.—Houlder Bros. and Co., Limited,
London, Eng., and G. Anderson, Shirley,
Eng.
Storing of chilled meat, &c.*
- No. 23882.—3rd January.—W. S. Simpson, London, Eng.
Uniting or welding metals.*
- No. 23883.—3rd January.—R. Klingner, Gumpoldskirchen,
Austria.
Stuffing-box and like packing.*
- No. 23884.—3rd January.—E. W. Benn, Meeniyan, Vic.
Milking apparatus.
- No. 23885.—3rd January.—E. S. Baldwin and H. H. Ray-
ward, Wellington, N.Z.
Cutter for sheep-shearing.* (S. L. Johnson
and W. E. Calvert.)
- No. 23886.—3rd January.—T. Mitchell and W. Binns, Mel-
bourne, Vic.
Dust arresting and allaying medium.
- No. 23887.—3rd January.—J. L. Cloudsley, jun., Surrey,
Eng.
Gas-meter.*
- No. 23888.—3rd January.—C. A. Parsons, Newcastle-on-
Tyne, Eng.
Machine for shaping turbine-blades.*
- No. 23889.—3rd January.—J. T. Tuck, Christchurch, N.Z.
Locking bolt-nuts in position.
- No. 23890.—4th January.—H. Macintosh and G. H. Baylis,
Wellington, N.Z.
Ornamental fan for advertising, &c.
- No. 23891.—6th January.—R. Brown, jun., Ilford, Eng.
Stoppers bottles.* (Date applied for under
section 106 of the Act, 15th January, 1907.)
- No. 23892.—6th January.—F. H. Trevellian, Wellington, N.Z.
Cash-register.
- No. 23893.—7th January.—J. T. Muir, Wanganui, N.Z.
Butter pounder and packer. (E. G.
McDougall.)

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications, from the 12th December, 1907, to the 6th January, 1908, inclusive:—

- No. 22488.—United Shoe Machinery Company, fastener-
inserter. (A. Bates and T. Briggs.)
- No. 22489.—United Shoe Machinery Company, reinforcing
insoles. (A. Eppler.)
- No. 22490.—United Shoe Machinery Company, making
insoles. (A. E. Johnson.)
- No. 22491.—United Shoe Machinery Company, shoe-
machine. (A. A. Wadsworth and F. Shortland.)
- No. 22498.—R. E. Reed, automatic music-turner.
- No. 22549.—A. Falkner, suspension bridge.
- No. 22562.—G. Hutchinson, seed-sower.
- No. 22570.—United Shoe Machinery Company, pounding-
up machine. (C. E. Shattuck.)
- No. 22571.—United Shoe Machinery Company, sewing-
machine attachment. (J. V. Allen.)
- No. 22572.—S. W. Winslow, buffing-machine. (A. W.
Rogers.)
- No. 22602.—H. E. White, concrete-mixing machine.

- No. 22620.—J. P. Horner, shaft-tug.
- No. 22722.—G. Hutchinson, seed-sower.
- No. 23075.—J. J. Keppel, flax-stripper.
- No. 23122.—G. H. MacEwan, milk-agitator.
- No. 23218.—R. G. Crichton, scaffolding-support.
- No. 23241.—H. S. McCully, bird-trap.
- No. 23296.—P. M. Keppel, flax-scutter.
- No. 23328.—F. R. Dennison, spare wheel for motor-car.
- No. 23413.—F. A. Alcock, cushion-rail for billiard-table.
- No. 23614.—J. R. Mallyon, music-leaf turner.
- No. 23659.—J. M. Youngson, coupling-hook.

Provisional Specifications accepted.

Patent Office,
Wellington, 8th January, 1908.

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

- No. 23266.—F. M. Owen, travelling T-square.
- No. 23567.—F. H. Morton, puncture-discoverer.
- No. 23655.—J. Ford, stay-brace.
- No. 23658.—R. J. Brunt, P. V. Sharp, and J. Burns,
mechanical cutter.
- No. 23667.—P. R. Hughes, bale hoisting and stacking.
- No. 23678.—W. Haslam, motor-vehicle wheel.
- No. 23679.—T. W. Sands, vibrating fork of sheep-shearing
machine.
- No. 23682.—C. W. Gordon, toe-strap for cycles.
- No. 23690.—C. Bromley, sole-squarer for boots.
- No. 23691.—P. A. Le Marquand, utilisation of gas-engine
exhaust.
- No. 23693.—H. Brown, docking and branding iron.
- No. 23697.—M. J. T. R. Brown, singlet.
- No. 23702.—R. J. Kyle, bread-making.
- No. 23714.—United Shoe Machinery Company, abrading-
device. (J. R. Scott.)
- No. 23715.—United Shoe Machinery Company, burnishing-
machine. (W. Jackson and H. N. Pochin.)
- No. 23716.—United Shoe Machinery Company, jack for
shoe-machine. (J. P. Pride.)
- No. 23727.—E. Hayes, fencing-link.
- No. 23778.—G. C. Munns, water-sprayer.
- No. 23779.—F. S. Stano and H. J. Whitelaw, race-starting
machine.
- No. 23806.—J. A. Dewhirst, school-slate.

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.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 8th January, 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. 22268.—3rd January, 1907.—HAROLD SIMMONS GRIFFITHS, of Wai-iti, Nelson, New Zealand, Inventor. An improvement in axe-heads.*

Claim.—An improvement in axe-heads, consisting in the combination therewith of metal filling-pieces shaped to produce a tapering hole for the reception of the handle, and a pin extending across the head, passing through the handle, and having its ends riveted in countersunk holes in the head, substantially as specified.

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

No. 22326.—17th January, 1907.—BENJAMIN FREDERICK HENRY DAWSON, of 12 Thames Road, Bertramstown, Johannesburg, Transvaal, Carpenter. Candle-protector.*

Claims.—(1.) In a candle-protector, a gravity-operated cap for the flame end of the candle, comprising a metallic casing, a non-conducting, non-absorbent, and non-inflammable washer which rests upon the candle and is perforated to form a well for the molten wax, and a metallic ring encircling the candle below the washer, conductively associated with the

metallic casing. (2.) In a candle-protector, a cap as specified in claim 1, in which the metallic ring encircling the candle is joined to the casing by a metallic cone, which latter thus forms a receptacle for melted wax. (3.) In a candle-protector, a cap as specified in claim 1 or 2, in which the upper edge of the casing is turned in in proximity to the flame, substantially as and for the purpose described. (4.) In a candle-protector embodying a cap and guiding-means for same as specified in claim 1, a perforated socket for the foot of the candle, the cap being so arranged that, when the candle is almost consumed, it forms with the socket a chamber in which the stump is melted, and from which it flows out through said perforations. (5.) A candle-protector comprising, in combination with a gravity-operated candle-cap forming a well for the melted wax, a frame such as *a* carrying a guide-rod, said cap sliding on said rod and being prevented from rotating thereon by engagement with the frame, said frame also carrying a socket for the candle-foot, substantially as described. (6.) A candle-protector, as specified in claim 5, comprising supporting-means and fixing-means, substantially as described. (7.) The improved candle-protector, substantially as described and illustrated.

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

No. 22396.—6th February, 1907.—WILLIAM McEACHERN, of Rosewood, New South Wales, Australia, Civil Engineer. Improvements in measured-charge delivery-device.*

Claims.—(1.) A container or feed-device, having side openings and a bottom opening, with over (and wider than) said bottom opening a shield having sloping sides, in combination with a slide having apertures to receive each an equal measure of goods, each slide movement inward or outward being limited by stopping-means and enabling delivery of goods through the said bottom opening. (2.) A container or feed-device having side openings and a slide to pass through them, the slide and the container-bottom being apertured as described, and the slide projecting beyond the container, as described and illustrated. (3.) A container or feed-device, having a slide for withdrawing measured quantities of goods, and an apertured base which projects from the container, substantially as described and illustrated. (4.) The appliance as illustrated in Fig. 1, as described, for the purposes set forth. (5.) The appliance as illustrated in Fig. 2, as described, for the purpose set forth.

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

No. 22408.—8th February, 1907.—GEORGE FELL HUTCHINSON, of Kapuni, New Zealand, Farmer. An improved hydraulic vacuum pump.*

Claims.—(1.) Means for obtaining a vacuum, the same consisting of a cylinder or cylinders connected with the vessel from which the air is to be drawn, in combination with means for causing a current of water to flow through each cylinder, and a valve for each cylinder adapted to alternately open and close the inlet end thereof, substantially as specified. (2.) Means for the purpose indicated, consisting of a water-conveying trough, vertical cylinders opening at their top ends into the trough and connected at their bottom ends to inclined pipes, pipe connections governed by outflow-valves between the cylinders and the vessel from which the air is to be drawn, and a valve mounted above the top end of each cylinder and adapted to fall and close such end and to be raised and open it, substantially as specified. (3.) In means for the purpose indicated, in combination, a water-trough, a pair of vertical cylinders extending downwards from the bottom of the trough, a rocking-beam pivoted above the cylinders, a rod depending from each end of the beam, a valve on each rod adapted to fit over and close the top end of the cylinder beneath it, connections between the cylinders and the vessel from which the air is to be drawn, and outflow-valves governing each of such connections, substantially as specified. (4.) The general arrangement, construction, and combination of parts in my improved hydraulic vacuum pump, substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

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

No. 22487.—28th February, 1907.—ARTHUR STANLEY HUDSON, care of A. H. Hudson, 303 Queen Street, Brisbane, Queensland, Australia, Station Employee. Improvements in pliers for marking the ears of sheep and other animals.*

Claims.—(1.) In improvements in pliers for marking the ears of sheep and other animals, means consisting of fixed

lower and movable upper jaws parallel to each other, and carrying male and female cutters respectively (removably attached thereto), operated by means of a pair of handles pivoted one to the other, as described, and as illustrated in the drawings. (2.) In improvements in pliers for marking the ears of sheep and other animals, means by which the jaws are caused to move parallel when being opened and closed, consisting of a guide and guide-pin and bearing-surfaces on the support to which the upper handle is pivoted, as described, and as illustrated in the drawings. (3.) An improved plier for marking the ears of sheep and other animals, consisting of a pair of parallel jaws carrying removably attached male and female cutters, handles for operating same, means for causing the jaws to move parallel when in operation, and a spring or springs for keeping the jaws normally open, as described, and as illustrated in the drawings.

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

No. 22506.—4th March, 1907.—ROBERT EDWIN REARDON, of 388 Rideau Street, Ottawa, Ontario, Canada, Inventor. Improvements in sights for fire-arms.

Extract from Specification.—My invention consists, broadly, in a bar to be applied to the leaf or standard of various types of rifle-sights, and it comprises: 1st, a wind-gauge having an adjusting-device consisting of a screw having a head so shaped that upon the turning of the same an adjustment equal to degrees or fraction of degrees may be indicated by the sense of touch; 2nd, a vertical adjustment of the eye-piece, also by means of a screw having the same features as that of the wind-gauge, the range of adjustment being made to extend to a maximum of 100 yards or more above or below the point to which it has been set; 3rd, a sighting-piece carrying two sighting-apertures so positioned that one of the apertures may be used when the sight is in the vertical or horizontal position; 4th, a sighting-aperture of a U- or V-shaped form, centrally positioned on the diameter or chord of a half-circle or segment.

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

(Specification, 12s.; drawing, 1s.)

No. 22513.—6th March, 1907.—WILLIAM ARTHUR CALDECOTT, of Consolidated Goldfields Building, Simmonds Street, Johannesburg, Transvaal, Metallurgist. Improvements in means for effecting the separation of liquids from crushed-ore products.*

Extract from Specification.—This invention appertains to the separation of liquids (water, cyanide or other solvent solutions, water washes, and the like) from crushed-ore products. The invention is designed more particularly for effecting the direct continuous separation of sand (the coarser and heavier particles of pulverised ore) from the mill pulp or crushed ore in a condition suitable for treatment in the leaching-vats. The invention in part is also applicable for effecting the separation of gold-bearing solutions from pulp containing ore-slime and sand, or ore-slime or sand, or for clarifying the gold-bearing cyanide-solutions or water from suspended solid matter preparatory to the precipitation of the precious metal from such solutions or water, or for any other analogous purpose. According to my invention, as applied more particularly to the separation of sand from mill pulp, or when the mixture to be treated contains a large percentage of solids, I first treat the pulp or mixture in an apparatus designed for continuously effecting the removal of the bulk of the liquid and slime from the pulp, and subsequently effect the separation of the remaining liquid by means of suitable filtering apparatus. Instead of running the whole or part of the pulp entering a cyanide-works into the ordinary sand collecting or settling vats, as is presently the practice, this pulp may be run into one or more of the apparatus for removing the bulk of the liquid and slime, and the concentrated residue, consisting of the sand and a small proportion of the slime, be delivered direct to the filtering apparatus, whereby the greater portion of the remaining liquid will be separated, and the moist residue be in a suitable condition for immediate and direct treatment in the leaching-vats.

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

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

No. 22519.—6th March, 1907.—THOMAS BOWREY and JOHN BOWREY, of No. 359 Pitt Street, Sydney, New South Wales, Australia, Scale-makers. An improved automatic weighing-machine for grading sheep and other like purposes.*

Claims.—(1) In an improved automatic weighing-machine for grading sheep and other like purposes, the use of a dial bearing two sets of figures, so that when the carcass of a sheep is weighed the indicator or hand on the dial will point both to the gross weight ascertained and calculate the decrease customarily allowed for the cooling of the body, substantially as described; (2) the attachment of a rod from the overhead machine, as ordinarily made, running down to and connected to that end of the beam furthest from the dial end; and (3) the fixing of an air-valve underneath the beam at the dial end which will so operate as to cause the indicator or hand on the dial to remain motionless on the mark of the weight ascertained, and there remain steady until the load is removed, substantially as described.

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

No. 22747.—29th April, 1907.—GEORGE RICHARD HALE, of Napier, New Zealand. Improvements in scaffolding-brackets.*

Claims.—(1.) A scaffolding-bracket, comprised by a horizontal member having an eye with springy sides at its inner end and a bolt passing across the eyes, a diagonal member pivoted at its upper end to the outer end of the horizontal member and formed with a vertically extending portion beyond the pivot, and a stop-piece upon the horizontal member with which the vertical portion of the diagonal member engages when turned on its pivot, substantially as specified. (2.) In scaffolding-brackets, a horizontal member provided with an eye at its inner end, having springy sides, and adapted to fit on to a wall-hook, and a bolt passing across the eye, provided with a thumb-nut on its end, by means of which the sides of the eye may be caused to grip the hook, substantially as specified. (3.) In scaffolding-brackets, a horizontal member and a diagonal member pivoted at its upper end to the outer end of the horizontal member and having a vertical extension beyond the pivot point, and a stop-piece upon the horizontal member with which such extension engages when the two members are turned outward on their pivot joint, substantially as specified. (4.) The general arrangement, construction, and combination of parts in my improvements in scaffolding-brackets, substantially as described and explained, and for the several purposes set forth.

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

No. 22882.—20th May, 1907.—THOMAS EDGAR CARTER, of 88 Victoria Street, Auckland, New Zealand, Music-teacher. Improvements in window-sash lifting and locking appliances.*

Extract from Specification.—The means devised consist in the use of a tooth pinion mounted in the pulley-stile of the window and gearing with the teeth of a rack extending along the adjacent edge of the window-sash. The pinion is mounted on a spindle projecting into the room, and is operated by a handle secured upon its end. Combined with the rack are antifriction rollers, which are mounted therein and run on the face of the pulley-stile. On the other edge of the sash a similar roller is mounted at the bottom and at the top end, and combined with each roller is a flat spring that bears against the face of the adjacent pulley-stile. Special means are provided whereby the pinion-spindle may be prevented from turning, so that the sash may be held at any height, and locked from being further opened or closed from the outside.

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

(Specification, 4s. 3d.; drawing, 1s.)

No. 23129.—12th July, 1907.—FREDERICK HURSTON FRANKLAND, of Wellington, New Zealand, Indent Agent. An improved system of disinfecting water-closets and the like.

Claim.—The improved means for disinfecting water-closets and the like, the same consisting of a jar composed of porous material and adapted to fit within the water tank or cistern, and having the required disinfecting-material sealed therein, substantially as specified.

(Specification, 1s. 9d.)

No. 23203.—25th July, 1907.—ALBERT JOHN FORTESCUE, of Arncliffe, near Sydney, New South Wales, Australia, Manufacturer. Improvements in devices for connecting the ends of metal tires for vehicle-wheels.

Claims.—(1.) In devices for connecting the ends of vehicle-wheel tires, the combination with one end of a tire of a connecting-plate riveted or otherwise secured thereto, a recess in the rim to receive said connecting-plate, and a pin through said rim, connecting-plate, and opposite end of the tire, substantially as described and explained. (2.) In devices for connecting the ends of vehicle-wheel tires, the combination with one end of a tire of a connecting-plate riveted or otherwise secured thereto, a recess in the rim to receive said connecting-plate, a pin through said rim, connecting-plate, and opposite end of the tire, a felloe-plate retaining said pin in position, and a bolt or bolts securing said felloe-plate, the rim, connecting-plate, and tire together, substantially as described and illustrated.

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

No. 23337.—13th June, 1907.—ALFRED HARRIS WARMSLEY, of "Avondale," Ilford Lane, Ilford, Essex, England, Engineer. Improvements in apparatus for producing combustible gas from petrol or other spirit or oil.

[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.) In apparatus of the kind set forth, comprising an air-blower, an engine for working the blower, a carburettor, a valve device for supplying petrol or spirit to the carburettor, and a gasometer, a valve or valves controlling the admission of air to the carburettor, the said valve or valves being operatively connected with the movable gas bell or holder, and constructed or arranged so that when the bell has risen to a predetermined height, or to its uppermost working-position, the supply of air to the carburettor is automatically shut off, and remains so until the bell has fallen to a predetermined extent, or to the lowermost working-position, when the supply of air is again automatically admitted to the carburettor and generation of gas again commences, substantially as and for the purposes described. (2.) In apparatus of the kind set forth, a valve for controlling the air-intake of a blowing-engine, the said valve being operatively connected with the movable gas bell or holder and so arranged as to be automatically actuated to close the said air-intake by the combined actions of the moving gas-bell and the suction in the air-intake caused by the action of the blower, to be held on its seat by the suction and to be moved off its seat again by the moving gas-bell, substantially as and for the purposes set forth. (3.) In apparatus of the kind set forth, the combination of the balanced suction-valve for opening and closing the inlet of air to the blower, the rotary valve in the main air-pipe for opening and closing the main air-supply pipe, and means for operating the said valves by the movements of the gas bell or holder, substantially as described and shown. (4.) In apparatus of the kind set forth, a valve in the main gas-supply pipe, the said valve being operatively connected with the movable gas bell or holder so that when the bell falls to an abnormally low position the valve is automatically actuated so as to shut off communication between the main gas-supply pipe and the gasometer or bell, substantially as and for the purposes set forth. (5.) In apparatus of the kind set forth in claim 4, the combination with the valve of a weighted connection thereto, a weighted cross-bar or lever for normally holding the valve open, and an attachment on the movable gas holder or bell adapted to actuate the said lever so as to release the valve and allow it to close by its weight, all arranged and operating substantially as and for the purposes described with reference to the drawings. (6.) The parts of the apparatus for producing or generating gas from petrol, spirit, or the like, constructed, combined, and operating substantially as described with reference to the drawings and for the purposes set forth.

(Specification, £1; drawing, 3s.)

No. 23386.—28th August, 1907.—WELLINGTON PARKER KIDDER, of No. 18 Robeson Street, Jamaica Plain, Boston, Suffolk, Massachusetts, United States of America, Engineer, and CHARLES WILLIAM SPONSEL, of No. 36 Pearl Street, Hartford, Connecticut, United States of America, Engineer. Improvements in typewriting-machines.

Extracts from Specification.—This invention relates to typewriting-machines, and more particularly to the ribbon mechanism thereof. One of the objects of the invention is to

provide simple and efficient means for automatically moving the ribbon widthwise with respect to the printing-point. Another object is to provide in a typewriting-machine means adapted to shift the ribbon with the platen, such that the ribbon will at all times be held within the field of the types, whatever its position with respect to the platen when the same is shifted. Other objects will be in part obvious and in part pointed out. . . . The inking-ribbon 22 is supported upon spools supported at either end of the machine, and is adapted to be fed longitudinally of the platen step by step by any desired actuating-means, controlled by the universal bar 23, upon which the several key-levers rest, said bar being connected by means of a link 24 with an arm extending from a universal rock-shaft 25. Ribbon 22 is supported in the vicinity of the impression-point of the platen by a vertical carrier, through which the ribbon is threaded, said carrier being comprised in the present instance by a pair of upright members 26, which merge at their lower ends and are fulcrumed at 27 upon an arm 28 rigidly secured to a shaft 29 journalled in the lower portion of the machine. Shaft 29 extends rearwardly, and has loosely mounted thereon an arm 30, and this arm is connected at its outer end by means of a pivot-pin 31 with a link 32, the upper end of which is shaped to fit about an eccentric 33 formed upon the outer face of a ratchet-wheel 34 journalled upon pivot-screw 17. Pivot-pin 31 has extended therefrom a spring 35, herein shown looped in its middle portion, and the outer end of said spring is fast in a collar 36 rigidly secured to shaft 29. By means of this construction it will be seen that eccentric 33 is resiliently connected to shaft 29, and that an upward or downward movement of links 32, as when the eccentric is rotated, will serve through said shaft and arm 28 to raise or depress carrier 26 and thereby move the ribbon widthwise with respect to the printing-point. Erected upon channel-bar 15 of the platen-frame is a standard 37, which carries at its upper end a pivotally mounted gravity pawl adapted at each return movement of the carriage to be carried into engagement with one of the teeth of ratchet-wheel 34, rotates the same, and compels thereby a slight rotative movement of eccentric 33, thereby moving link 32 in an upward or downward direction and causing a corresponding movement of the ribbon-carrier. Carrier 26 is guided near its upper end by means of pins 39 extended from bed 2, which take through longitudinally extending slots 40 provided in each of the upright members of the carrier. These pins, while forming guides for the carrier, insuring its movement in a direction at right angles to the longitudinal feed of the ribbon, also operate to limit the upward or downward movements, thereof when the same is moved during the shifting of the platen-frame for upper- or lower-case printing.

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

(Specification, £1 ls.; drawing, 4s.)

No. 23469.—13th September, 1907.—OSWALD COATES, of Christchurch, New Zealand, Accountant. Improvements in shifting points for tram-lines.*

Claims.—(1.) In lines of rails, at facing points thereof, in combination, the point secured to a bent sliding bar, having wedge-shaped working ends, with a "finder" wheel formed to go deep enough with its deeper flange to move the said bar before the car comes to same, all substantially as shown on the drawing, and as described. (2.) In combination with a car and the rails it runs on, a facing point so connected to a bent bar having wedge-shaped working ends, with a loose wheel on the car that can be depressed and by displacing the working end of the bar moves the point, all substantially as set forth. (3.) In points of rails, in combination, a car having wheels placed before the usual car-wheels, capable of being raised or lowered deeper than the car-wheel flanges go, and when so lowered can displace the projecting working end of a wedge-shaped bent bar connected with said points, for moving same as desired, with dirt-wells for keeping said points clear, all substantially as set forth.

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

No. 23530.—25th September, 1907.—ALFRED ERNEST SLIPPER, Sawmiller, and DAVID JOHN SMITH, Hotel-proprietor, both of Kokiri, Greymouth, New Zealand. Improved belt-fastener.*

Claims.—(1.) A belt-fastener consisting of two end plates with two side plates pivotally secured to them between which the ends of the belt are passed, substantially as de-

scribed. (2.) A belt-fastener according to claim 1, in which the side plates are pivoted above their centres so as to give greater leverage, substantially as described. (3.) The combination with a belt-fastener according to the preceding claims, of a central plate lying between the belt-ends and resting in notches formed on the upper edges of the end plates, substantially as and for the purposes set forth. (4.) The complete belt-fastener substantially as described or illustrated in the drawings.

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

No. 23571.—10th October, 1907.—NORBERT CEJPEK, of 33 Wahringerstrasse, Vienna, IX, Austria, Chemical Engineer. Improvements in the manufacture of an improved safety explosive.

Claims.—(1.) An explosive of high safety in use, and of high stability, consisting of a mixture of ammonium-nitrate with turmeric charcoal, substantially as described. (2.) An explosive of high safety against fire-damp, of the kind referred to in claim 1, said explosive consisting of a mixture of ammonium-nitrate with from 1 to 6 per cent. of carbonised turmeric powder, substantially as described. (3.) An explosive of high disruptive power, of the kind referred to in claim 1, consisting of a mixture of ammonium-nitrate with from 6 to 12 per cent. of carbonised turmeric powder, substantially as described. (4.) An explosive of the kind referred to in claims 1, 2, and 3, consisting of a mixture of one of the named mixtures of ammonium-nitrate and carbonised turmeric powder with from 6 to 10 per cent. of trinitrophenol or trinitrotoluene, substantially as described. (5.) Process for the manufacture of an explosive of the kind referred to in claims 1, 2, and 3, characterized thereby that ammonium-nitrate is intimately mixed with charcoal obtained by carbonising turmeric powder, substantially as described. (6.) A further modification of the process according to claim 5, characterized thereby that the mixture of ammonium-nitrate with turmeric charcoal produced in the manner above indicated is mixed, either in its prepared condition or during the process of its preparation, with trinitrophenol or trinitrotoluene in the above-named percentages, substantially as described.

(Specification, 5s.)

No. 23577.—8th October, 1907.—WILLIAM MORTON, of Princes Street, Dunedin, New Zealand, Mechanical Engineer. An improved bag-fastener.*

Claims.—(1.) In locked bags, in combination with them, a lock and chain arranged to fit over and secure the mouth of a bag, with a seal so placed that the bag cannot be unlocked without breaking the said seal, all substantially as set forth, and as shown on the drawing. (2.) In locked bags, in combination with them, a lock and chain band arranged to fit over and secure the mouth of a bag, with an oval paper on which is written a mark or signature of sender so placed that the bag cannot be opened without breaking said paper, all substantially as set forth. (3.) In combination, a bag or package with a snapping double-fastened lock arranged with a seal or paper under the escutcheon-hole in the cover, and said seal over the keyhole, so that the key cannot be inserted without breaking the said seal, all substantially as set forth.

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

No. 23604.—17th October, 1917.—BERNARD FRANCIS KEATING, of Kinkora Road, Hawthorn, Victoria, Australia, Gentleman. Improvements in talking-machine attachments.

Claims.—(1.) The combination with a talking-machine having a hand-lever, of an attachment having an electro-magnet and an armature lever, means for making an electric circuit through the coil to operate the latter lever from a distance, an intermediate lever, and spring connection to the hand-lever, and a stop whereby the intermediate lever is held by the armature lever so that the hand-lever is retainable in an intermediate position, as set forth, and will allow the motor to move when the armature lever is moved, as described. (2.) In talking-machine attachments, a spring 6, intermediate lever 19, 20, armature lever 24, and coil 9, in combination with a plate having stops and supports for the armature lever, intermediate lever, and coil aforesaid. (3.) In a

talking-machine attachment having an electro-magnet, and means for energising it by making a contact at a distance from the machine, the combination therewith of a pivoted armature lever, an intermediate lever adapted to move and pass the armature lever and have its return stopped by the latter, and a connection from the intermediate lever to a motor-controlling hand-lever or the like on the talking-machine. (4.) A talking-machine attachment base plate, comprising integrally in combination the described parts 7, 18, 17, 11, 16, 22, 14, and 12, for the purposes set forth. (5.) A talking-machine attachment comprising any suitable base plate, electro-magnet, armature lever, and means for producing from a distance an electrical circuit to operate the said lever, in combination with a pivoted lever 19, 20, spring 6, hand-lever 4, and a spring or member having surfaces as 35, 36, adapted to operate as described. (6.) As a whole, a talking-machine and an attachment in combination, having all the parts illustrated in Figs. 1 and 4.

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

No. 23608.—17th October, 1907.—CHRISTIAN NEUMANN, of 1430 Nebraska Avenue, St. Louis, Missouri, United States of America, Scientist. Improvements in air-compressors.

Extract from Specification.—The object of my invention is to construct a device whereby air is compressed and delivered at a continuous pressure by a plurality of pistons operating alternately by the movement of a revolving cam. A further object of my invention is to construct a device having a plurality of pistons arranged to be operated by a revolving cam, each being continuously operated to produce a steady flow of compressed air.

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

(Specification, 9s. 6d. ; drawing, 4s.)

No. 23610.—15th October, 1907.—CHARLES UDDSTROM, of Greymouth, New Zealand, Cabinetmaker. Improved chain-and-sprocket gearing.

Extract from Specification.—The object of my invention is to transmit power round curves by chain-and-sprocket gearing without the risk of the chain slipping off the wheels when the latter become out of line. This object is effected by constructing the sprocket-wheel with guard-teeth arranged on each side thereof, and the chain is also of special construction, whereby the pin connecting the links is not directly exposed to wear, and even engagement with the sprocket-wheel is obtained.

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

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

No. 23616.—17th October, 1907.—MATILDA WANNENMACHER, of 50 Regent Street, Fitzroy, Melbourne, Victoria, Australia. An instrument for the rolling or curling of butter for table use.

Claim.—An instrument for the curling of butter and such-like, consisting of a steel or similar blade portion with a handle, the said blade portion being curved at its top end, such blade portion having serrations to form a serrated or tooth-like edge, substantially as described, and illustrated in drawings.

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

No. 23650.—25th October, 1907.—JOHN ARTHUR BROWN, of Dunedin, New Zealand, Engineering Manager, &c. Improvement in tap-handles.

Claims.—(1.) In taps, a horned or spoke-like handle for working same, substantially as shown on the drawing, and as described and explained. (2.) In taps, specially screw-down, and in combination with them, the handle with horns or spokes in one with a small boss, all substantially as shown on the drawing, and as described and explained.

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

No. 23661.—30th October, 1907.—ETTORE BELLINI, of 4 Rue du 29 Julliet, Paris, France, Civil Engineer, and ALESSANDRO TOSI, of 4 Rue du 29 Julliet, Paris, France, Civil Engineer. System of directed wireless telegraphy.

Extract from Specification.—This invention relates to a system of directed wireless telegraphy intended for radiating and receiving waves mainly in a given direction. This object is realised by using for the aerial of each transmitting and receiving station "closed oscillation circuits," which are, according to the inventor's observations, capable of radiating or receiving waves whose main direction lies in the plane of such circuits. As it is possible to control the direction of the plane of the circuit, the direction of the waves may be controlled accordingly. Closed oscillation circuits are, as is well known, those in which the distance between the armatures of the condenser is sufficiently small to cause such circuits to radiate only waves that are very little damped. Such circuits may be of any geometrical shape, regular or irregular, and their dimensions are independent of the length of the wave used.

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

(Specification, 7s. 9d. ; drawing, 1s.)

No. 23662.—30th October, 1907.—BRYN OLIVER ROBERTS, of Calcutta, British India, Gentleman (assignee of Edward Lennon Cantwell, of Calcutta, India, Civil Engineer and Patent Agent). Improvements in sheet-metal roofing.

Extract from Specification.—This invention relates to improvements in sheet-metal roofing, whether corrugated or flat, and are intended to remedy the defect resultant from the system at present in use, wherein the sheets are merely overlapped at ends and sides, and are holed for "rivets" and for "wind-tie" fastening-bolts, which results in leakage, corrosion, and deterioration of the sheets, the principal defect being that under the present system no roof is completely watertight. The principal improvements are: (1.) I devise a method of hooking the ends of corrugated sheets so that they shall engage with each other and form a watertight joint. (2.) In hooking the ends and sides of every description of sheet I place a thin wire or rod, or its equivalent, in the bend to prevent the hooked part being flattened down and fractured. (3.) I devise and provide suitable clip fasteners for securing such end-hooked sheets to every description of roof-frame. (4.) I devise and provide slit tubular cone covers for the bent-up side joints of roofing-sheets. (5.) I devise and provide suitable "wind-ties," the application of which does not necessitate the making of holes in the sheets. (6.) I devise and provide a method for covering thatched roofs with sheet metal which will enable the farmer or owner to lay the sheets himself without the aid of skilled labour.

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

(Specification, 14s. ; drawing, 1s.)

No. 23681.—2nd November, 1907.—MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED, of Watergate House, York Buildings, Adelphi, Middlesex, England (the assignee of Guglielmo Marconi, LL.D., D.Sc., of Watergate House, York Buildings, Adelphi, Middlesex, England). Improvements in transmitters for wireless telegraphy.

Extract from Specification.—According to this invention, instead of the usual spark or arc in the oscillating circuit of a wireless telegraph transmitter, the discharge is caused to take place across a small gap between metal surfaces in relative motion at a very high speed. One of the surfaces may conveniently be a disc rotating so that its peripheral speed is 100 metres per second, or more, while the other surface may be stationary, or may likewise be a rotating disc, in which case the speed of each disc need not be so great, though the relative speed should preferably reach the value given. The disc may be entirely insulated and rotate between a pair of stationary or rotating balls or discs which are connected in an oscillatory circuit containing a condenser and an inductance, the condenser being connected to a source of electro-motive force, &c.

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

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

No. 23684.—7th November, 1907.—GEORGE ENDON DOD, care of C. S. McGhie, Solicitor, of Bazaar Street, Maryborough, Queensland, Australia, Engineer. Improvements in internal-combustion gas-turbines.

Claims.—(1.) In internal-combustion gas-turbines such as referred to, the use of a secondary passage provided with a controlling valve and nozzles, as and for the purposes set forth. (2.) In internal-combustion gas-turbines as claimed in the preceding claim, the arrangement of water-jacketing as shown in Fig. 1, for water-jacketing the more important parts and providing for the expansion. (3.) In internal-combustion gas-turbines, the arrangement of an inlet-valve articulated to the oil-inlet valve so that when the former opens the latter is slightly opened. (4.) In internal-combustion gas-turbines, the combination of a single combustion-chamber, and nozzles with a secondary passage provided with a controlling valve and nozzles

(Specification, 4s. 6d. ; drawing, 2s.)

No. 23687.—7th November, 1907.—DAVID ROBERTS and CHARLES JAMES, of Spittlegate Ironworks, Grantham, Lincolnshire, England, Engineer. Improvements in internal-combustion engines.

Claims.—(1.) In internal-combustion engines of the kind described, the employment for operating the oil-feed pump of a cam the face of which is of the shape substantially as described. (2.) In an internal-combustion engine of the kind described, the arrangement wherein the vertical valve in the vaporiser valve-box is mechanically controlled by a cam under the influence of the engine-governor, substantially as described. (3.) An internal-combustion engine provided with a cam for operating the oil-feed pump, and a cam controlled by the governor for operating the vertical valve in the vaporiser valve-box, substantially as described, and illustrated in the drawing

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

No. 23699.—5th November, 1907.—PASCAL MARINO, of 6 Featherstone Buildings, High Holborn, W.C., London, England, Chemist. An improved process for rendering celluloid unflammable and incombustible.

Claims.—(1.) A process for rendering celluloid unflammable and incombustible, consisting in dissolving the celluloid by any suitable solvent, such as those described, adding to the dissolved celluloid one or more mineral salts (insoluble in cold or hot water or alcohol, but soluble in acetic acid or acetic anhydride), the said salt or salts being dissolved in acetic acid or acetic anhydride, or a mixture of both, afterwards adding carbon-tetrachloride, or carbon-tetrabromide, and adding trichlorethyl nitromethane, and tetranitromethane $C(NO_2)_4$, thoroughly mixing and exposing the admixture in a closed vessel to the action of the solvents and their vapours for from ten to twelve hours, again adding to the compound formaldehyde solution, thoroughly mixing and again exposing the said mixture in the closed vessel for a further period of from eight to ten hours, and finally drawing off the liquid from the resulting compact mass of celluloid, and drying the latter, which may then be rolled or moulded as desired, all substantially as described, and in or about the proportions named. (2.) In rendering celluloid unflammable and incombustible, the use of suitable known solvents and one or more mineral salts, insoluble either in cold or boiling water and in alcohol, but soluble in acetic acid and acetic anhydride, also of carbon-tetrachloride or carbon-tetrabromide, trichlorethyl nitromethane, tetranitromethane $C(NO_2)_4$, and formaldehyde solution, substantially as described, and in or about the proportions named

(Specification, 4s. 9d.)

No. 23700.—9th November, 1907.—SIDNEY PERCIVAL EVANS, of Musselburgh, Dunedin, New Zealand, Mechanical Engineer. Improved construction and method of manufacture of rolling-stock wheels.

Claims.—(1.) In the manufacture of built-up metal wheels for rolling-stock, to be subsequently blocked, heated, welded, stamped, and provided with bosses, all compacted together, the substitution of plain rolled bars for the specially thickened bars now used, with short filling-pieces, cut preferably from a rolled bar, and slightly longer than the width of the bars forming the spokes, all substantially as illustrated in the drawing, and as described and as explained. (2.) In com-

ination, in built-up metal wheels, spokes formed of plain-run bent bars, and filling-pieces between same, made slightly longer than the width of said spokes, with the usual bosses, the whole to be heated and welded, pressed, and moulded to form a complete wheel, to be subsequently provided with tires (or rims), all substantially as set forth, and as illustrated in the drawing

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

No. 23707.—13th November, 1907.—FRANCIS FRASER, of Ingham, Queensland, Australia, Mining Proprietor and Contractor (assignee of James Mazlin, of Herberton, Queensland, Australia aforesaid, Practical Miner). Improvements relating to pick-heads usable with removable points and the like.

Claims.—(1.) In combination with a pick-head having an eye for a handle which can project from the top of said eye, a raised ear located at, or at a predetermined distance from, one end of the eye, and perforated to receive the shank of a removable point, allowing the shank-end to project from a hole located at the socket rear as described. (2.) The pick-head described, having the eye for a handle, and the raised ear having a perforation open at front and rear to form a socket located as shown in Fig. 2. (3.) The pick-head described, having two raised ears, and in each socket perforation open at front and rear, and located as shown in Fig. 3. (4.) A pick-head having an eye for a handle, having a top edge *k*, and a raised ear *j*, through which is a socket perforation having an obtuse angle as *p*. (5.) A pick-head having one or more raised ears, each with a socket perforation, in combination with a removable point the shank of which projects from a hole at the rear of the ear, and has a hole to receive a transverse cotter outside said rear hole.

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

No. 23708.—13th November, 1907.—JAMES WILLIAMS, of 38 Roslyn Hill, Hampstead, London, England, and 47 Crawford Street, Dunedin, New Zealand, Mining and Mechanical Engineer. Improvements in the arrangement and construction of bearings for propeller-shafts or other shafts operating under water or other liquid.

Claim.—The combination of a bearing for a shaft operating under a liquid, and a collar closely fitting to and turning with and sliding upon said shaft, and retained in elastic contact with said bearing as described. The provision of one or more annular grooves in the bore of said collar is new.

(Specification, 7s. ; drawing, 3s.)

No. 23709.—13th November, 1907.—ERNEST JOHN WOOD, of Birnam, Castle Bromwich, juxta Birmingham, Warwick, England, Managing Director, and GEORGE CARSON, of 244 Alliance Avenue, Hull, York, England, Locomotive-driver. Improvements in and relating to axle-boxes.

Claims.—(1.) In axle-boxes for rolling-stock, the combination of a circular front portion, a sloping floor, troughs cast around the upper part of the circular portion, a sink communicating therewith, and a disc on the end of the journal, substantially as and for the purpose set forth, and as shown upon the drawings. (2.) In axle-boxes for rolling-stock, having a circular front portion and a sloping floor, the employment of grooves around the upper part of the front portion of the box, and a thin sheet-metal disc on the journal end, the disc being surrounded near the top by the grooves, which take off lubricant and pass it to a sink above the brass, substantially as described and shown. (3.) In axle-boxes for rolling-stock, the employment of a single radially corrugated disc on the end of the journal, and arranging the same to rotate in a circular part of the box, substantially as and for the purpose set forth, and as shown upon the drawings.

(Specification, 4s. ; drawing, 2s.)

No. 23711.—13th November, 1907.—HENRY ANGUS NICHOLSON, of Otautau, New Zealand, Agent. An improved process for bleaching flax-fibre.

Claim.—The improved process for bleaching flax-fibre, the same consisting in treating the fibre first to the action of a solution of tartaric acid and water, and then to the action of a separate solution of sodium-chloride and water, substantially as specified.

(Specification, 2s.)

No. 23712.—14th November, 1907.—CHARLES JOSEPH REILLY, of Syracuse, Kosciusko, Indiana, United States of America, Merchant. Improvements in separators.

Claims.—(1.) In a separator having a hopper, and a movable distributor delivering thereto, arranging that the distributor shall serve to impart jarring movement to said hopper. (2.) In a separator of the class indicated, a movable distributor having a plate curved downwardly from its receiving portion, and curved upwardly to its peripheral or delivery portion. (3.) In a separator, a distributor, a hopper, and a connection between the same whereby rotation of the former will impart reciprocating jolting movement to the latter, and a cushioning element to permit jolting of the hopper and to normally maintain the hopper in position to permit the jolting through said connection. (4.) The separator-shaft 23, having attachments (allowing of jolting substantially as described) at its upper, intermediate, and lower parts. (5.) The separator member 44, having attachments to cause jolting, substantially as described. (6.) In a separator, toothed annuli, one fixed against rotation (but adapted to be vertically jolted to jolt one or more screens similarly), and the other rotatable and adapted to cause the jolting. (7.) In a separator, a shaft 23 in combination with a spring or yielding mounting as described. (8.) The combination of parts illustrated by Fig. 5, with or without screens. (9.) The combination of parts illustrated by Fig. 4, with or without screens. (10.) In a separator, the combination of parts illustrated by Fig. 2. (11.) In a separator, the combination of parts illustrated in Fig. 1.

(Specification, 9s. 3d.; drawing, 2s.)

No. 23713.—14th November, 1907.—PROFESSOR DR. DITTMAR FINKLER, of 10 Worthstrasse, Bonn-on-the-Rhine, Germany. A process for rendering the whole of the nutritive constituents of grain, pulse, and the like accessible to digestion.

Claims.—(1.) A process for rendering accessible to digestion all the nutritive constituents of grain, pulse, and other seeds, characterized by the fact that the nutritive materials are set free from the cell-membranes by which they are enclosed by subjecting the material to energetic mechanical disintegrating action, simultaneously with that of water, with chemical reagents which assist the albuminous materials to leave the cells, or to disintegration through the action of differences of temperature—e.g., freezing, or finally to friction in the dry state with the assistance of hard substances which assist the disintegration. (2.) A method of carrying out the process described in claim 1 by adding to the water, as chemical auxiliaries, sulphate or other salt of lime, common salt, acids, or alkalis. (3.) A method of carrying out the process described in claim 1 by rubbing up the dry material with brittle, sharp-edged substances, preferably soluble—e.g., rock-salt. (4.) A method of carrying out the process described in claim 1 in which substances for assisting the disintegration are employed as agglutinants which are in the dried state equally brittle—e.g., gluten, with which the material under treatment is mixed, dried, and ground.

(Specification, 14s. 3d.)

No. 23726.—16th November, 1907.—WILLIAM WIGGINS, of 77 Lambton Quay, Wellington, New Zealand, Saddler (assignee of Robert Andrew Wiggins, of 164 Hereford Street, Christchurch, New Zealand, and Charles Bristow, of 2 Macauley Street, Addington, Christchurch, New Zealand). Improvements in and relating to milking-machinery.

Claims.—(1.) Apparatus for the purpose indicated comprising, in combination, an air-pump, a receiver supplied with compressed air by the pump, a vacuum vessel from which the pump exhausts air, a controller connected to the receiver and the vacuum vessel, teat-cups connected to the cylinder, and a closed milk-pail connected to the vacuum-vessel, substantially as set forth. (2.) Apparatus for the purpose indicated comprising a teat-cup designed to receive the teat of a cow, said cup having a metal casing and a pouch, means whereby air under plusative pressure is conducted to annular chambers in the pouch for the purpose of causing the teat to be intermittently squeezed by the flexion of the pouch, and means whereby the pressure is brought first to bear on the upper part of the teat and then upon the lower part of the teat for the purpose of expressing the milk therefrom, and

means whereby a vacuum is created in the pouch for the purpose of retaining the cup upon the teat, substantially as set forth.

[NOTE.—There are eleven other claims for various combinations of parts with those set out in claim 1.]

(Specification, 12s. 6d.; drawing, 4s.)

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.

Letters Patent sealed.

LIST of Letters Patent sealed from the 12th December, 1907, to the 8th January, 1908, inclusive:—

- No. 21158.—F. W. E. Gabriel, turnstile.
- No. 21190.—I. Russell, dress-cutting chart.
- No. 21491.—R. O. Clark, straightening earthenware pipes.
- No. 21709.—J. P. Maloney and H. Chisholm, station-indicator.
- No. 21717.—P. Brown, turnip and root cutter.
- No. 21725.—F. W. Payne, directing swift current to wheels.
- No. 21728.—W. Beamish, collapsible box.
- No. 21736.—T. Milburn, artificial minnow.
- No. 21743.—T. J. Whelan, knife cleaner and sharpener.
- No. 21745.—W. H. Patterson and G. B. Jones, roller tug for harness.
- No. 21746.—P. Pickering, wall-hook. (C. H. Mason.)
- No. 21755.—P. Maher, draw-gear for vehicles.
- No. 21766.—A. H. and D. J. Byron and R. R. Richmond, flax-fibre treatment.
- No. 21767.—S. T. Smith, cheese-cutter.
- No. 21840.—W. G. Richardson, treatment of *Phormium tenax*.
- No. 21841.—W. G. Richardson, utilising waste part of *Phormium tenax* as cattle-food.
- No. 21963.—W. Curtis, hurdle.
- No. 22154.—R. J. Fry, power gear.
- No. 22193.—S. A. Bradley, fruit-case.
- No. 22274.—A. H. Byron and R. R. Richmond, signal-lamp.
- No. 22282.—A. Cowell and J. Phillips, fencing-dropper.
- No. 22352.—W. F. Copley, boot or shoe.
- No. 22499.—E. Bates, cow-spaying instrument.
- No. 22500.—G. Wakelin, acetylene-gas generator.
- No. 22937.—D. Mulcahy, sash-fastener. (L. Pearce.)
- No. 22986.—L. Simeon, bodkin.
- No. 23102.—Aktieselskabet Burmeister and Wains Maskinog Skibsbyggeri, avoiding rust-formation in tanks. (N. C. Nielsen.)
- No. 23106.—A. J. Baker, crutch.
- No. 23121.—A. Raky, deep-boring apparatus. (W. Schott.)
- No. 23195.—M. E. McLeod, pattern-chart.
- No. 23232.—H. J. Rabone, steel tape.
- No. 23258.—K. I. Lindstrom, milking apparatus.
- No. 23262.—A. H. Wood and H. W. de Baugh, jointing bracket.
- No. 23274.—F. Cotton, heating, &c., iron castings.
- No. 23303.—H. C. L. Rolfe, tubular fence-dropper.
- No. 23305.—J. Marsh, acetylene-generator.
- No. 23340.—G. G. Turri, filter-leaf. (H. W. Blaisdell and H. A. Brooks.)

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

- N O. 17019.—W. E. Hughes, water-table forming in road-making. (J. B. Jackson.) 23rd December, 1907.
- No. 17210.—A. Knox, electrical time-service. 6th November, 1907.
- No. 17370.—D. C. Macdonald, grain-treatment. 16th December, 1907.
- No. 17372.—T. Gillespie, shoe for dredge-bucket links. 14th December, 1907.

No. 17378.—T. Heath, castrating instrument. 11th December, 1907.

No. 17398.—J. Greenfield, E. F. Duthie, W. P. Ormond, H. J. and J. M. Gourley, horse-feed box. (J. A. Easton.) 18th December, 1907.

No. 17402.—J. R. Skinner, boot-heel. 31st December, 1907.

No. 17451.—C. Soulas, swing bed. 31st December, 1907.

No. 17470.—E. Phillips, gold-saving apparatus. (L. Sachse.) 18th December, 1907.

No. 17489.—Aktiebolaget Separator, cow-milker. (F. Ljungstrom.) 24th December, 1907.

No. 17584.—C. P. Eliason, electric accumulator-plate. 24th December, 1907.

No. 17602.—F. Livingstone, cattle-food. 3rd January, 1908.

No. 17752.—Société des Produits Chimiques et d'Explosifs Berges Corbin et Cie, explosive-manufacture. (E. A. G. Street.) 3rd January, 1908.

No. 18961.—J. Fuhrer, explosive. 24th December, 1907.

THIRD-TERM FEES.

No. 13311.—The Singer Manufacturing Company, sewing-machine. (P. Diehl.) 16th December, 1907.

No. 13315.—E. C. Pohlé and S. Croasdale, ore-reduction. 16th December, 1907.

No. 13388.—W. E. Hughes, bottle. (A. C. C. Liardet.) 24th December, 1907.

No. 13407.—L. I. Blake and L. N. Morscher, separation of conductors from non-conductors. 12th December, 1907.

Subsequent Proprietors of Letters Patent registered.

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

No. 18512.—The Beck Flame Lamp, Limited, of Suffolk House, Laurence Pountney Hill, Cannon Street, London, E.C., England. Electric arc lamp. [H. Beck.] 23rd December, 1907.

No. 18827.—Charles Henry Shaw, of Denver, in the State of Colorado, United States of America. Rock-drilling engine. [F. L. Roudebush—C. H. Shaw.] 20th December, 1907.

No. 19054.—John B. Davitt, of San Francisco, United States of America. Treating creosote. [A. G. Meyer.] 12th December, 1907.

No. 19054.—Columbus Chemical Company, a corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business in the City and County of San Francisco, in the said State, in the United States of America. Treating creosote. [J. B. Davitt—A. G. Meyer.] 12th December, 1907.

No. 20508.—William Allan Hopkins, of Christchurch, in the Dominion of New Zealand, Land and Estate Agent. Sleeve of waterproof coat. [R. A. Bradbury.] 7th January, 1908.

No. 22479.—The Mills Equipment Company, Limited, of 68 Victoria Street, Westminster, London, England. Military equipments. [A. J. Davey.] 19th December, 1907.

No. 22951.—Jute and Hanf Industrie Actien-Gesellschaft, of 12 Bähroryutoza, Budapest, Hungary, Manufacturers. Procuring textile fibres from plants. [G. G. Turri—Jute and Hanf Industrie Actien-Gesellschaft—F. Fuchs.] 12th December, 1907.

No. 23262.—Albert Henry Wood, of Mount Roskill, Auckland, in the Provincial District of Auckland, in the Dominion of New Zealand, Builder. Jointing brackets. [A. H. Wood and H. W. de Baugh.] 7th January, 1908.

Request to amend Specification allowed.

THE request to amend Specification No. 22932, Q. Marino and E. W. Barton-Wright (advertised in Supplement to *New Zealand Gazette*, No. 79, of the 5th September, 1907), has been allowed.

Applications for Letters Patent abandoned.

LIST of applications, with which provisional specifications only have been filed, abandoned (i.e., complete specifications not lodged) from the 12th December, 1907, to the 8th January, 1908, inclusive:—

No. 22397.—H. A. Hudson, parlour game.

No. 22417.—W. T. J. Auckram, sewing-machine.

No. 22425.—G. S. Evans, link-lock hook.

No. 22426.—G. S. Evans, safety clip hook appliance.

No. 22429.—A. J. Way, hydrocarbon-producing.

No. 22430.—F. Raper and W. J. P. Dixon, wire-strainer.

No. 22431.—S. Kendall, gas-burner.

No. 22436.—G. Hutchinson, seed-sower.

No. 22438.—A. H. Byron and R. R. Richmond, sewing-machine.

No. 22443.—E. Sprey, loose sock for boots, &c.

No. 22454.—J. R. Henderson and W. G. Thomas, lifting-jack.

No. 22458.—G. M. Nichol, axe-handle wedge.

No. 22459.—T. Lane, securing rubber heels to boots.

No. 22461.—J. E. Holland, mowing-machine.

No. 22462.—E. E. Woodley and C. J. Brogden, divisional block for straw-baling press.

No. 22463.—T. J. Gilfedder, speed-indicator.

No. 22464.—W. McCallum, windmill.

No. 22466.—A. Beaton, judging-machine for foot-runners.

No. 22467.—T. Warner and J. Kannuluik, drawing off fumes from urinals, &c.

No. 22468.—H. R. Smith, cutting boot-sole toes.

No. 22470.—Checkogram Limited, turnstile registering device. (S. C. Lee and N. A. Morkill.)

No. 22478.—J. W. Wood and C. J. Ward, shifting tramway-rail points from moving car.

No. 22492.—A. E. Moss, electric alarm mat.

No. 22494.—H. Daniels, potato-planter.

No. 22495.—A. K. W. Rissel, ascertaining dampness in wool.

No. 22497.—J. R. Patterson, gas-generator.

No. 22512.—E. Westwood, motor-car wheel.

No. 22515.—N. I. Gooder, trolley-arm head.

No. 22522.—W. H. Macdougall, building for totalisator.

No. 22527.—A. T. Chodowski, cattle-pen.

No. 22528.—W. R. Walker, knee-protector.

No. 22532.—H. N. Bell, soldering-machine.

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 12th December, 1907, to the 8th January, 1908, inclusive:—

No. 21821.—A. Johnston, desk-lid support.

No. 21828.—Ozonair Limited, ozonising atmospheric air.

(E. L. Joseph.)

No. 21878.—J. M. Craigie, boot.

No. 21885.—G. Cummins, wool-press.

No. 21888.—E. K. Cooke, truss.

No. 21891.—A. Johnston, desk-lid bracket.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 12th December, 1907, to the 8th January 1908, inclusive:—

No. 21287.—D. P. Palmer, chair.

No. 21288.—Whitcombe and Tombs, Limited, cardboard box. (A. T. Scott.)

No. 21289.—C. E. Young, branding-liquid.

No. 21370.—W. M. Jamieson, pneumatic centre for bicycle-wheel.

No. 21376.—P. J. Gossling, advertising medium.

No. 21380.—J. O. Galbally, window-sash.

No. 21381.—J. W. Hardley, metal-bending machine.

No. 21407.—R. Martin, picture show-case.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 12th December, 1907, to the 8th January, 1908, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 16967.—G. E. Richardson, railway coupling.

No. 16969.—E. Gillow, drawing-board.

No. 16977.—C. Soulas, wave-motor.

No. 16978.—T. Rouse and H. Cohn, converting ironsand into briquettes.

No. 16987.—B. North, electricity-meter.

No. 16990.—H. McNeil and F. W. Grant, water-lift.

No. 16991.—R. W. Curry, producing liquid salt.

No. 16992.—T. G. Stevens, vehicle-spring. (J. Facer.)

No. 17013.—A. J. Fiske, fastening horse-covers.

No. 17015.—G. F. Church, hedge-utter.

- No. 17017.—J. G. L. Hewitt, weather-filling for roofs. (A. Wilson.)
- No. 17026.—H. J. Gilberd, storing coal in holds, &c.
- No. 17027.—J. H. Patterson, rifle-carrier.
- No. 17033.—D. C. MacDonald, treating oats.
- No. 17039.—W. H. Wyers, preserving yeast.
- No. 17044.—A. C. F. Dann, variable-speed gear.
- No. 17046.—J. J. and J. A. Miller, stereoscopic apparatus.
- No. 17047.—F. Gale, J. K. Gordon, and T. A. Parks, discharge of toy projectiles from guns.
- No. 17049.—J. J. Meyers, C. F. Humphrey, and J. E. Sils, deep-well pump. (G. C. Richards.)
- No. 17050.—C. E. Dolbear, manufacturing caustic soda.
- No. 17051.—J. D. Wolf, separation of metals from ores.
- No. 17056.—J. L. Ferrell, wood-preserving.
- No. 17057.—J. L. Ferrell, wood-preserving.
- No. 17068.—E. Hinton and F. A. Andrews, gas-tap.
- No. 17074.—P. A. M. Arnberg, centrifugal separator.
- No. 17085.—W. G. Barger and H. C. Dix, disc cultivator.
- No. 17091.—J. Miller, envelope.
- No. 17130.—C. F. Lungley, treatment of iron-ore.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 13002.—H. Droutlege, ballot-box.
- No. 13016.—The International Postal Supply Company of New York, mail-marker. (F. G. Jahn.)
- No. 13056.—F. A. Rich, driving gear.
- No. 13058.—The International Metal Extraction Company, ore-treatment. (M. Seligsohn.)

THROUGH EXPIRY OF TERM.

- No. 6577.—J. U. Askham, separating materials.
- No. 6578.—J. U. Askham, pulverising apparatus.
- No. 6586.—The English de Laval Steam Turbine Company, Limited, supporting rotating bodies. (C. G. P. de Laval.)

Designs registered.

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

- No. 367.—The Carrara Ceiling Company, Limited, of Wellington South, in the Dominion of New Zealand, Patentees and Manufacturers of "Stuccolin" Work and Importers of Laths and Plasters. Class 3. 13th December, 1907.
- No. 368.—Lawrence John Brooks, of Lower Glenside, Symond Street, Auckland, in the Dominion of New Zealand, Draper. Class 3. 18th December, 1907.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 8th January, 1908.

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 : 6410.
Date : 9th January, 1907.

TRADE MARK.



NAME.

THE MONMOUTHSHIRE STEEL AND TINPLATE COMPANY, LIMITED, of Pontymister Works, Pontymister, near Newport, Monmouthshire, Wales, England, Manufacturers.

No. of class : 5.
Description of goods : Galvanised iron and steel sheeting.

No. of application : 6688.
Date : 1st June, 1907.

TRADE MARK.



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

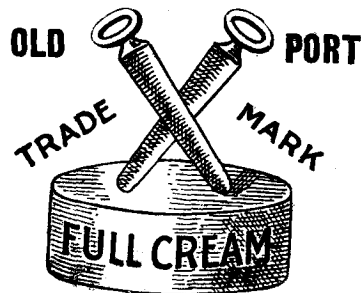
NAME.

CHARLES LORD RUSSELL, of Queen Street, Melbourne, Victoria, in the Commonwealth of Australia, Accountant.

No. of class : 2.
Description of goods : Sanitary preparations.

No. of application : 6805.
Date : 11th July, 1907.

TRADE MARK.



The essential particulars of this trade mark are the words "Old Port" and design; and any right to the exclusive use of added matter is disclaimed.

NAME.

FRANK HERBERT TAYLOR, of Mataura, in the Dominion of New Zealand, Cheese-manufacturer.

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

No. of application : 6846.
Date : 31st July, 1907.

TRADE MARK.

The word

HIBERNIA.

NAME.

DAVID BROWN AND SON, LIMITED, of Main Street, Donaghmore, Dungannon, Tyrone, Ireland, Soap and Candle Manufacturers.

No. of class : 48.
Description of goods : All goods included in Class 48.

NOTE.—Class 48 is for "Perfumery" (including toilet articles, preparations for the teeth and hair, and perfumed soap).

No. of application : 6917.
Date : 10th September, 1907.

TRADE MARK.

The word

"MOA."

NAME.

JOSHUA MORRIS, trading as "J. Morris," of 91 Taranaki Street, Wellington, in the Dominion of New Zealand.

No. of class : 38.
Description of goods : Boots, shoes, and slippers.
(By consent.)

No. of application : 6941.
Date : 28th August, 1907.

TRADE MARK.



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

NAME.

FROMY ROGÉE AND COMPANY, of St. Jean d'Angely, Cognac, France, Brandy-growers.

No. of class : 48.
Description of goods : Brandy.

No. of application : 6958.
Date : 2nd October, 1907.

TRADE MARK.

The word

ALBION

NAME.

THE ALBION MOTOR-CAR COMPANY, LIMITED, of South Street, Scotstoun, Glasgow, Scotland, Motor-car Manufacturers.

No. of class : 22.
Description of goods : Motor-cars and other vehicles.

No. of application : 7004.
Date : 31st October, 1907.

TRADE MARK.



The essential particulars of this trade mark are the device and the word "Champion"; and applicants disclaim any right to the exclusive use of the added matter, except their name and address.

NAME.

JOHN COOKE AND Co., of 534 Collins Street, Melbourne, State of Victoria, in the Commonwealth of Australia, Merchants.

No. of class : 42.
Description of goods : Frozen and preserved meats.
(By consent.)

No. of application : 7005.
Date : 31st October, 1907.

TRADE MARK.



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

NAME.

KONINKLIJKE STEARINE KAARSENFABRIEK GOUDA, of Gouda, Holland, Manufacturers.

No. of class : 47.
Description of goods : Candles, night-lights, and oils.

No. of application : 7025.
Date : 14th November, 1907.

TRADE MARK.

The word
"DOMINIONITE."

NAME.

BROWNE AND MORRISON, of 94A Madras Street, Christchurch, in the Dominion of New Zealand, Printing-ink and Varnish Manufacturers.

No. of class : 39.
Description of goods : Printing-inks and writing-inks.

No. of application : 7030.
Date : 14th November, 1907.

TRADE MARK.



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

NAME.

THE LINCOLN AND MIDLAND COUNTIES DRUG COMPANY, of Park Street Works, Lincoln, England, Manufacturing-chemists and Wholesale Druggists.

No. of class : 3.
Description of goods : A medicine.

No. of application : 7036.
Date : 20th November, 1907.

TRADE MARK.

The words
"SCOTIA BASIC SLAG."

The essential particular of this trade mark is the word "Scotia" as applied to a particular make of basic slag; and any right to the exclusive use of the added matter is disclaimed.

NAME.

MURRAY, ROBERTS, AND Co., of Wellington, in the Dominion of New Zealand, Merchants.

No. of class : 2.
Description of goods : Basic slag fertiliser, sometimes called "Thomas' Phosphate."

No. of application : 7045.
Date : 26th November, 1907.

TRADE MARK.

The word
"DREADNAUGHT."

NAME.

BENNETT AND WOOD, LIMITED, of Sydney, in the Commonwealth of Australia.

No. of class : 22.
Description of goods : Motor-cars, motor-bicycles, chassis, engine-motor, cycles, and all parts relating thereto not included in other classes.

No. of application : 7046.
Date : 26th November, 1907.

TRADE MARK.

The word
"DREADNAUGHT."

NAME.

BENNETT AND WOOD, LIMITED, of Sydney, in the Commonwealth of Australia.

No. of class : 40.
Description of goods : Pneumatic tyres and other goods manufactured from indiarubber.

No. of application : 7047.
Date : 26th November, 1907.

TRADE MARK.

The word
"SPEEDWELL."

NAME.

BENNETT AND WOOD, LIMITED, of Sydney, in the Commonwealth of Australia.

No. of class : 40.
Description of goods : Pneumatic tyres and other goods manufactured from indiarubber.

No. of application : 7057.
Date : 5th December, 1907.

TRADE MARK.



The essential particular of this trade mark is the design; and applicant disclaims any right to the exclusive use of the added matter, excepting his name and address.

NAME.

GEORGE DAVIES, of 184 Colombo Street, Christchurch, in the Provincial District of Canterbury, in the Dominion of New Zealand, Tailor and Draper.

No. of class : 38.

Description of goods: All articles in this class, excepting boots and shoes.

NOTE.—Class 38 is for "Articles of clothing," such as hats of all kinds, caps and bonnets, hosiery, gloves, boots and shoes, and other ready-made clothing.

No. of application : 7060.
Date : 11th December, 1907.

TRADE MARK.

The word

ARGYROL

NAME.

BARNES AND HILLE, of 24 North 40th Street, Philadelphia, United States of America, Manufacturing-chemists.

No. of class : 3.

Description of goods: Chemical substances prepared for use in medicine and pharmacy.

No. of application : 7061.
Date : 11th December, 1907.

TRADE MARK.

The word

"KNO-SKA."

NAME.

HARRY RAVENHILL HULBERT, of 74 Western Road, Brighton, England, Managing Director of a Private Limited Company.

No. of class : 3.

Description of goods: All goods in this class.

NOTE.—Class 3 is for "Chemical substances prepared for use in medicine and pharmacy," such as cod-liver oil medicated articles, patent medicines, plasters, rhubarb.

No. of application : 7062.
Date : 11th December, 1907.

TRADE MARK.



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

NAME.

JOHN EXSHAW AND Co., of 67 Allees de Boutaut, Bordeaux, France, Merchants.

No. of class : 48.

Description of goods: Brandy.

No. of application : 7063.
Date : 11th December, 1907.

TRADE MARK.

The word

"JELLITAC."

NAME.

ARTHUR SULLIVAN HOYT, residing at No. 611 Ocean Avenue, Brooklyn, New York, United States of America, and doing business as a Manufacturer of wheat-gluten products and adhesives at No. 90 West Broadway, in the Borough of Manhattan, New York City, under the style of "Arthur S. Hoyt."

No. of class : 39.

Description of goods: An adhesive paste-powder.

No. of application : 7064.
Date : 12th December, 1907.

TRADE MARK.

The word

KONOMAX.

NAME.

THE KONOMAX ROCK DRILL SYNDICATE, LIMITED, of Loveday House, Loveday Street, Johannesburg, Transvaal, Manufacturers.

No. of class : 6.

Description of goods: Machinery of all kinds and parts of machinery, except agricultural and horticultural machines included in Class 7.

No. of application : 7065.
Date : 12th December, 1907.

TRADE MARK.

The word

REDUSO

NAME.

WEINGARTEN BROS. (INCORPORATED), a corporation duly organized under the laws of the State of New Jersey, United States of America, and having its principal office at 377 Broadway, New York City, New York, United States of America, Manufacturers.

No. of class: 38.

Description of goods: Corsets.

No. of application: 7066.

Date: 12th December, 1907.

TRADE MARK.



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

NAME.

TANQUERAY GORDON AND Co., LIMITED, of 132 Goswell Road, London, England, Distillers.

No. of class: 43.

Description of goods: Spirits and cordials.

No. of application: 7068.

Date: 13th December, 1907.

TRADE MARK.



The essential particulars of this trade mark are the device showing the Islands of the Dominion of New Zealand; and

C

applicant disclaims any right to the exclusive use of the added matter, save and except his trading name and address.

NAME.

JAMES SAMUEL DICKSON, of the City of Auckland, in the Provincial District of Auckland, in the Dominion of New Zealand, Clothier and Outfitter.

No. of class: 38.

Description of goods: Articles of clothing, such as hats of all kinds, caps and bonnets, hosiery, gloves, boots and shoes, other ready-made clothing.

No. of application: 7069.

Date: 13th December, 1907.

TRADE MARK.

The word

“ DICTAPHONE.”

NAME.

COLUMBIA PHONOGRAPH COMPANY GENERAL, of No. 353 Broadway, New York, in the United States of America, Manufacturer.

No. of class: 8.

Description of goods: Sound recording, transcribing, re producing instruments of all kinds.

No. of application: 7070.

Date: 13th December, 1907.

TRADE MARK.



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

NAME.

GEORGE TRAFNELL, of Brightwater, in the Provincial District of Nelson, in the Dominion of New Zealand, Miller.

No. of class: 42.

Description of goods: Flour.

No. of application: 7071.

Date: 18th December, 1907.

TRADE MARK.

The word

“CHAMOISIN.”

NAME.

INTERNATIONAL SPONGE IMPORTERS, LIMITED, of 45 Houndsditch, in the County of London, England, Sponge Importers, Merchants, and Chamois Leather and the like Manufacturers and Dealers.

No. of class: 25.

Description of goods: Cotton table-covers, cotton tea-cloths, cotton bed-spreads, cotton dusters, and cotton polishing-cloths (not in the piece), all included in Class 25.

No. of application: 7072.

Date: 19th December, 1907.

TRADE MARK.

The word

PUROLA

NAME.

LEVER BROS., LIMITED, of Balmain, near Sydney, State of New South Wales, Commonwealth of Australia, Manufacturers.

No. of class: 47.

Description of goods: Common soap, soap-powders, candles, matches, starch, blue, washing-soda, detergents, and oil for illuminating, heating, or lubricating purposes.

No. of application: 7073.

Date: 19th December, 1907.

TRADE MARK.

(The mark as shown in preceding notice, No. 7072.)

NAME.

LEVER BROS., LIMITED, of Balmain, near Sydney, State of New South Wales, Commonwealth of Australia, Manufacturers.

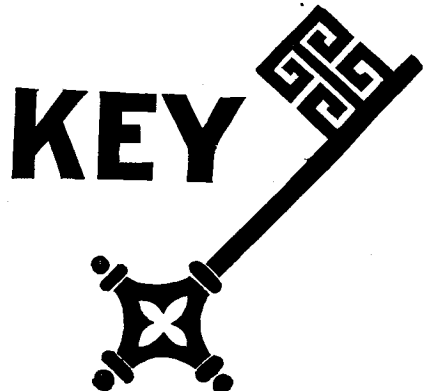
No. of class: 48.

Description of goods: Perfumed soap, perfumery and glycerine for toilet purposes.

No. of application: 7074.

Date: 19th December, 1907.

TRADE MARK.



NAME.

LEVER BROS., LIMITED, of Balmain, near Sydney, State of New South Wales, Commonwealth of Australia, Manufacturers.

No. of class: 47.

Description of goods: Common soap, soap-powders, candles, matches, starch, blue, washing-soda, detergents, and oil for illuminating, heating, or lubricating purposes.

No. of application: 7075.

Date: 19th December, 1907.

TRADE MARK.

(The mark as shown in preceding notice, No. 7074.)

NAME.

LEVER BROS., LIMITED, of Balmain, near Sydney, State of New South Wales, Commonwealth of Australia, Manufacturers.

No. of class: 48.

Description of goods: Perfumed soap, perfumery, and glycerine for toilet purposes.

No. of application: 7077.

Date: 20th December, 1907.

TRADE MARK.

The words

“CHIEF WHIP.”

NAME.

ALBERT LEVY, trading as “Ardath Tobacco Company,” of State Express Works, 43, 45, 47, 49, 51 Worship Street, London, E.C., England, Tobacco-manufacturer.

No. of class: 45.

Description of goods: Manufactured tobacco.

No. of application : 7078.
Date : 20th December, 1907.

The word

TRADE MARK.

“WHIP.”

NAME.

ALBERT LEVY, trading as “Ardath Tobacco Company,” of State Express Works, 43, 45, 47, 49, 51 Worship Street, London, E.C., England, Tobacco-manufacturer.

No. of class : 45.
Description of goods : Manufactured tobacco.

No. of application : 7080.
Date : 23rd December, 1907.

The word

TRADE MARK.

“RENBROOK.”

NAME.

LAURENCE JOHN BROOKS, of Lower Glenside, Symond Street, Auckland, in the Provincial District of Auckland, in the Dominion of New Zealand, Draper.

No. of class : 18.
Description of goods : Street directories.

No. of application : 7081.
Date : 30th December, 1907.

TRADE MARK.

DOMINION



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

NAME.

SIMS, COOPER, AND Co., of Christchurch, in the Dominion of New Zealand, Meat-exporters.

No. of class : 42.
Description of goods : Frozen meat.

No. of application : 7084.
Date : 3rd January, 1908.

The word

TRADE MARK.

Thermos

NAME.

THERMOS LIMITED, of 8 Long Lane, in the City of London, England, Manufacturers.

No. of class : 13.
Description of goods : Bottles, flasks, and other vessels, culinary and domestic utensils, all being goods included in this class, and in which ordinary metal predominates.

No. of application : 7085.
Date : 3rd January, 1908.

TRADE MARK.

(The mark as shown in preceding notice, No. 7084.)

NAME.

THERMOS LIMITED, of 8 Long Lane, in the City of London, England, Manufacturers.

No. of class : 14.
Description of goods : Bottles, flasks, and other vessels, culinary and domestic utensils, all being goods included in this class and in which precious metal (including aluminium, nickel, Britannia metal, &c.) predominates.

No. of application : 7086.
Date : 3rd January, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7084.)

NAME.

THERMOS LIMITED, of 8 Long Lane, in the City of London, England, Manufacturers.

No. of class : 16.
Description of goods : Bottles, flasks, and other vessels, culinary and domestic utensils, all being goods included in this class and in which porcelain or earthenware predominate.

No. of application : 7087.
Date : 3rd January, 1908.

TRADE MARK.

(The mark as shown in preceding notice No. 7084.)

NAME.

THERMOS LIMITED, of 8 Long Lane, in the City of London, England, Manufacturers.

No. of class : 18.
Description of goods : Cooking apparatus and other engineering contrivances included in Class 18.

No. of application: 7088.
Date: 3rd January, 1908.

TRADE MARK

(The mark as shown in preceding notice No. 7084.)

NAME.

THERMOS LIMITED, of 8 Long Lane, in the City of London, England, Manufacturers.

No. of class: 50.

Description of goods: Bottles, flasks, and other vessels, culinary and domestic utensils, all being included in this class and in which animal or vegetable substances predominate.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 13th December, 1907, to the 8th January, 1908, inclusive:—

- No. 5432/6903.—J. W. G. Ross. Class 1. (*Gazette* No. 79, of the 5th September, 1907.)
No. 5433/6904.—Bryant and May, Limited. Class 47. (*Gazette* No. 79, of the 5th September, 1907.)
No. 5434/6633.—Powell Bros. and Co. Class 42. (*Gazette* No. 44, of the 16th May, 1907.)
No. 5435/5359.—C. L. P. Kermode. Class 2. (*Gazette* No. 75, of the 22nd August, 1907.)
No. 5436/6639.—Colgate and Co. Class 3. (*Gazette* No. 48, of the 30th May, 1907.)
No. 5437/6640.—Colgate and Co. Class 47. (*Gazette* No. 48, of the 30th May, 1907.)
No. 5438/6641.—Colgate and Co. — Class 48. (*Gazette* No. 48, of the 30th May, 1907.)
No. 5439/6576.—Schweppes Limited. Class 44. (*Gazette* No. 65, of the 25th July, 1907.)
No. 5440/6577.—Schweppes Limited. Class 44. (*Gazette* No. 65, of the 25th July, 1907.)
No. 5441/6578.—Schweppes Limited. Class 44. (*Gazette* No. 65, of the 25th July, 1907.)
No. 5442/6806.—A. J. P. Fraser. Class 3. (*Gazette* No. 75, of the 22nd August, 1907.)
No. 5443/6807.—A. J. P. Fraser. Class 3. (*Gazette* No. 65, of the 25th July, 1907.)
No. 5444/6808.—J. Dewar and Sons, Limited. Class 43. (*Gazette* No. 79, of the 5th September, 1907.)
No. 5445/6809.—J. Dewar and Sons, Limited. Class 43. (*Gazette* No. 79, of the 5th September, 1907.)
No. 5446/6850.—Paraffine Paint Company. Class 17. (*Gazette* No. 72, of the 8th August, 1907.)
No. 5447/6851.—Paraffine Paint Company. Class 36. (*Gazette* No. 72, of the 8th August, 1907.)
No. 5448/6936.—Lever Bros., Limited. Class 47. (*Gazette* No. 88, of the 3rd October, 1907.)
No. 5449/6937.—Lever Bros., Limited. Class 48. (*Gazette* No. 88, of the 3rd October, 1907.)
No. 5450/6938.—A. J. Dadson. Class 48. (*Gazette* No. 88, of the 3rd October, 1907.)
No. 5451/6939.—A. J. Dadson. Class 48. (*Gazette* No. 88, of the 3rd October, 1907.)
No. 5452/6897.—M. Rutty and Co. Class 50. (*Gazette* No. 79, of the 5th September, 1907.)
No. 5453/6947.—Roddewig Bros. Class 17. (*Gazette* No. 91, of the 17th October, 1907.)
No. 5454/6379.—A. Bagley. Class 3. (*Gazette* No. 3, of the 10th January, 1907.)
No. 5455/6943.—T. H. Hall and Co. Class 42. (*Gazette* No. 88, of the 3rd October, 1907.)
No. 5456/6944.—T. H. Hall and Co. Class 47. (*Gazette* No. 88, of the 3rd October, 1907.)
No. 5457/6373.—T. H. Green and Co. Class 47. (*Gazette* No. 13, of the 7th February, 1907.)
No. 5458/6964.—H. Z. Chapman. Class 42. (*Gazette* No. 91, of the 17th October, 1907.)
No. 5459/6918.—Hayward Bros. and Co., Limited. Class 47. (*Gazette* No. 91, of the 17th October, 1907.)
No. 5460/6822.—F. Whitlock and Sons. Class 42. (*Gazette* No. 72, of the 8th August, 1907.)
No. 5461/6878.—F. Whitlock and Sons. Class 42. (*Gazette* No. 79, of the 5th September, 1907.)

Trade Mark Renewal Fees paid.

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

- No. 981/760.—1st December, 1907.—Mendelsohn and Son, Dunedin, New Zealand. 19th December, 1907.
No. 1017/779.—17th January, 1908.—J. J. Cordes and Co., Limited, Newport, Wales. 3rd January, 1908.
No. 1048/848.—12th February, 1908.—Johannis Limited, London, England. 19th December, 1907.
No. 1055/874.—15th February, 1908.—Standard Oil Company, of New York, New York, United States of America. 12th December, 1907.
No. 1061/797.—19th February, 1908.—Ngairi Co-operative Dairy Factory Company, Limited, Ngairi, New Zealand. 3rd January, 1908.
Nos. 1064/794 and 1065/795.—24th February, 1908.—Sisson's Bros. and Co., Limited, Hull, England. 24th December, 1907.

Subsequent Proprietors of Trade Mark registered.

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

- NO. 4929/3861.—Regal Shoe Company, a corporation established under the laws of the State of Maine, and having its principal office at 105 Summer Street, Boston, Massachusetts, United States of America. [Regal Shoe Company.] 14th December, 1907.
Nos. 5951/4916 and 5952/4917.—Howard Wall, Limited, of Hackney Road Works, Hackney Road, N.E., in the County of London, England. [R. H. Wall.] 16th December, 1907.

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 12th December, 1907, to the 8th January, 1908, inclusive:—

- No. 904/724.—11th September, 1893.—A. H. Moore, Opanake, New Zealand. Class 42.
No. 905/709.—13th September, 1893.—B. Edwards, Kensington, New Zealand. Class 12.
No. 906/712.—13th September, 1893.—A. Lindsay, Wellington, New Zealand. Class 38.
No. 907/703.—18th September, 1893.—Smith and Smith, Dunedin, New Zealand. Class 14.
No. 908/713.—19th September, 1893.—W. T. West, Tariki, New Zealand. Class 42.
No. 909/880.—20th September, 1893.—Woodlands Dairy Factory Company, Limited, Woodlands, New Zealand. Class 42.
No. 910/715.—20th September, 1893.—New Zealand Loan and Mercantile Agency Company, Limited, Blenheim, New Zealand. Class 42.
No. 911/699.—21st September, 1893.—J. Cullen, Maniaia, New Zealand. Class 42.
No. 912/890.—25th September, 1893.—L. Hawkins, Dunedin, New Zealand. Class 3.
No. 918/894.—29th September, 1893.—J. Fuller and Co., Greytown, New Zealand. Class 2.
No. 920/718.—29th September, 1893.—R. Fitton, Normanby, New Zealand. Class 42.
No. 923/714.—3rd October, 1893.—Clark and Co., Paisley, Scotland. Class 33.
No. 925/740.—7th October, 1893.—P. Peterson, Hawera, New Zealand. Class 42.

Trade Mark Registration cancelled.

NO. 6589/5183.—Sargood, Son, and Ewen, of Wellington, New Zealand (advertised in Supplement to *New Zealand Gazette*, No. 41, of the 2nd May, 1907.)

ILLUSTRATIONS OF INVENTIONS.

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

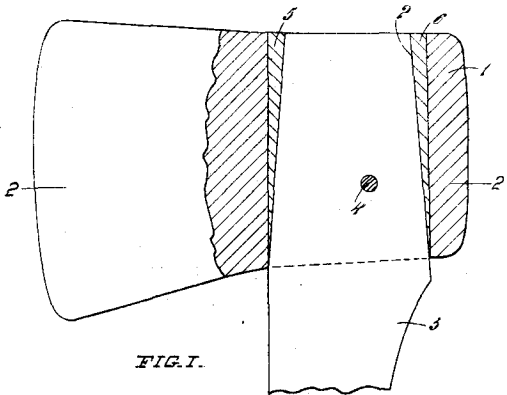


FIG. 1.

22268

Griffiths. Axe-head.

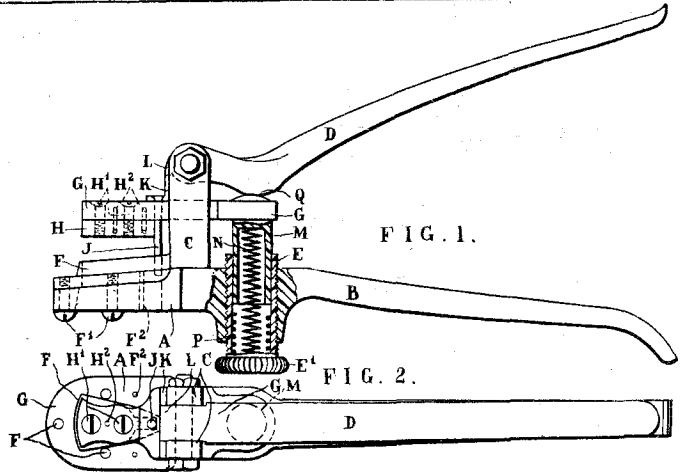
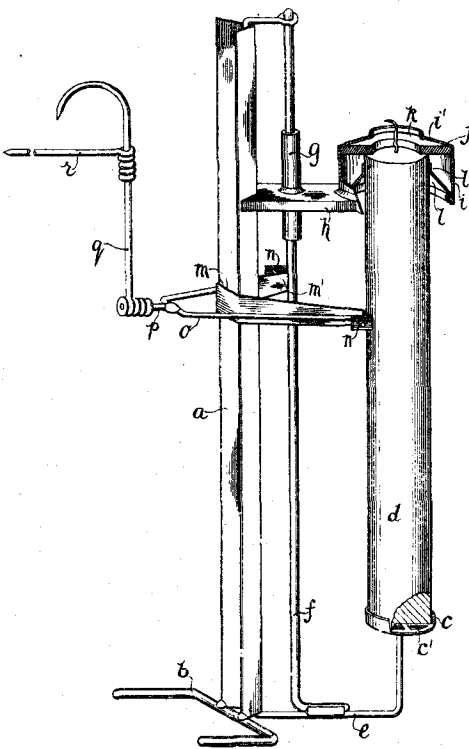


FIG. 1.

FIG. 2.

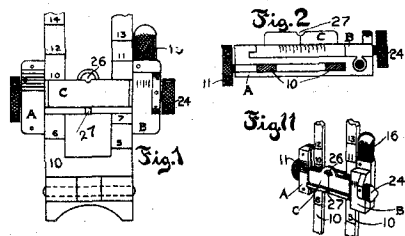
22487

Hudson. Ear-marker.



22326

Dawson. Candle-protector.



22506

Reardon. Rifle-sight.

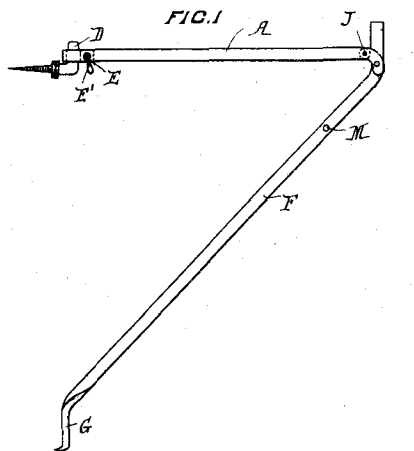


FIG. 3.

22747

Hale. Scaffold-bracket.

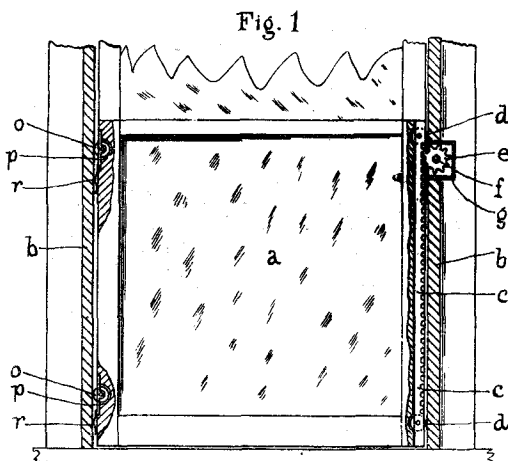
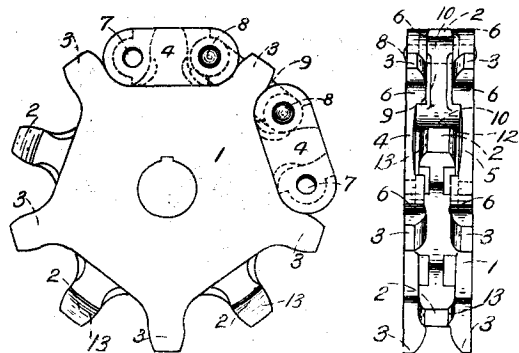


Fig. 1

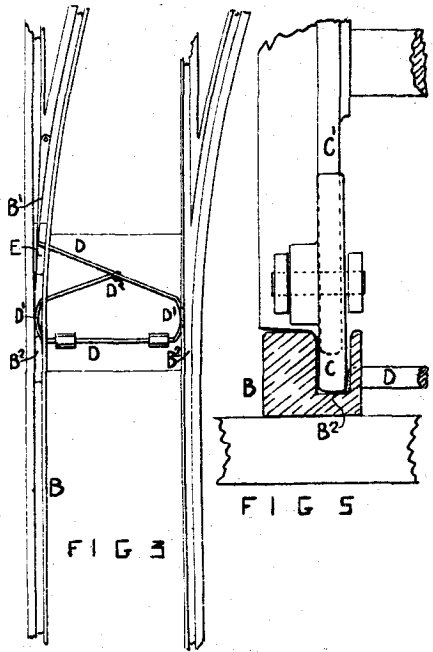
22882

Carter. Sash-lifter and lock.

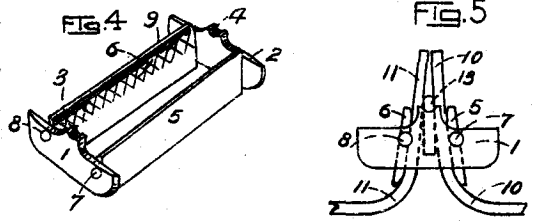


23610

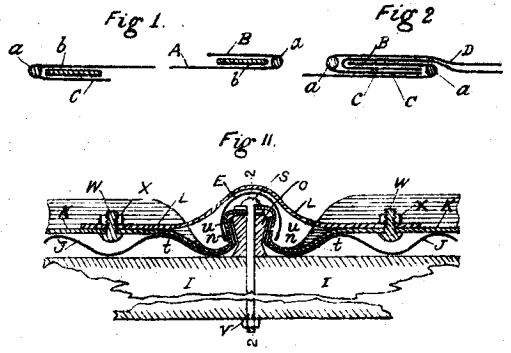
Uddstrom. Chain-gearing.



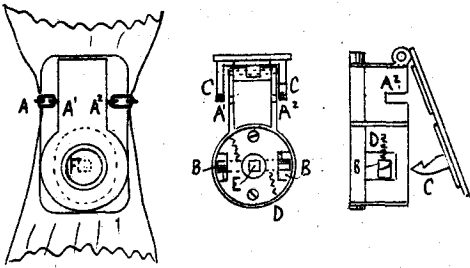
23489
Coates. Tramway-point Shifter.



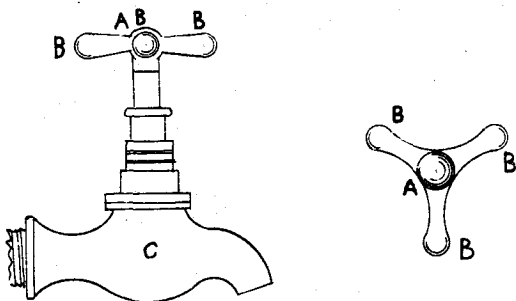
23530
Slipper and Smith. Belt-fastener.



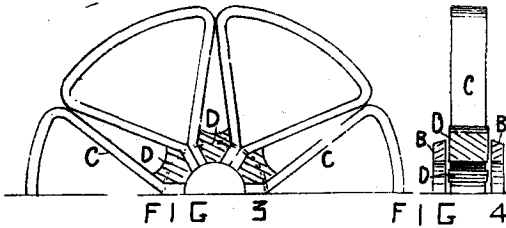
23662
Roberts. Sheet-metal Roof. (Cantwell.)



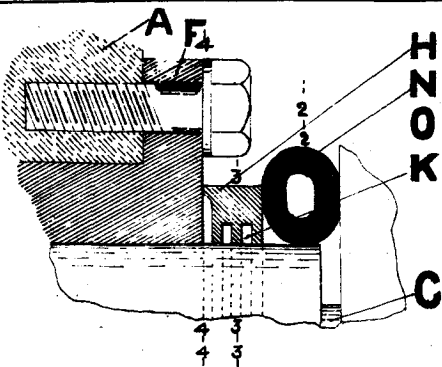
28577
Morton. Lock.



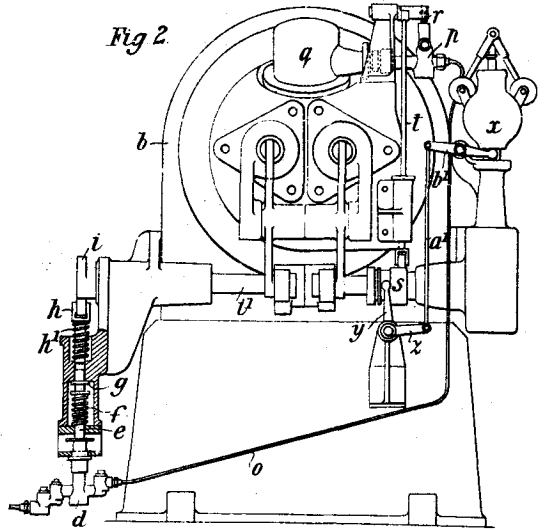
23650
Brown. Tap-handle.



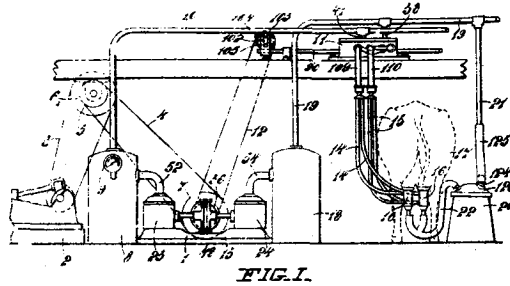
23700
Evans. Wheel.



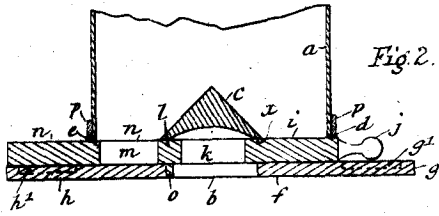
23708
Williams. Propeller-shaft Bearing.



23687
Roberts and James. Oil-engine.



23726
Wiggins. Milking-machine (Wiggins and Bristow).



22396
McEachern. Delivery Device.

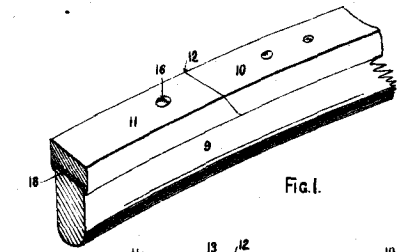


Fig. 1.

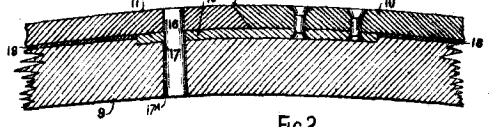


Fig. 2.

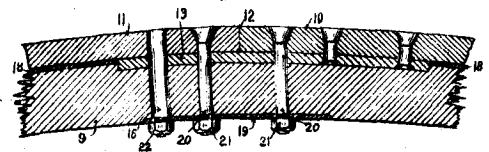
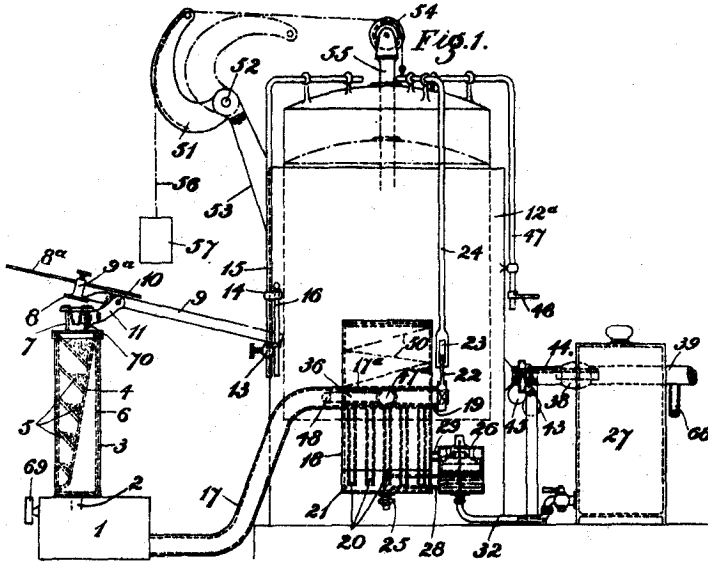
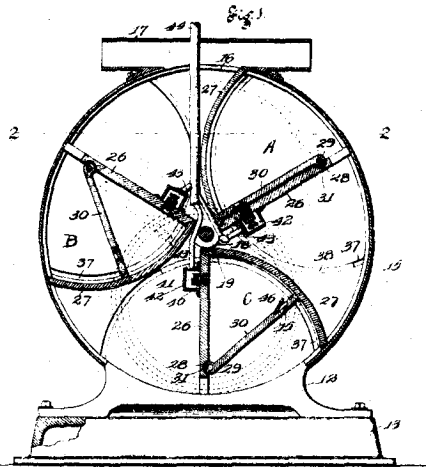


Fig. 5.

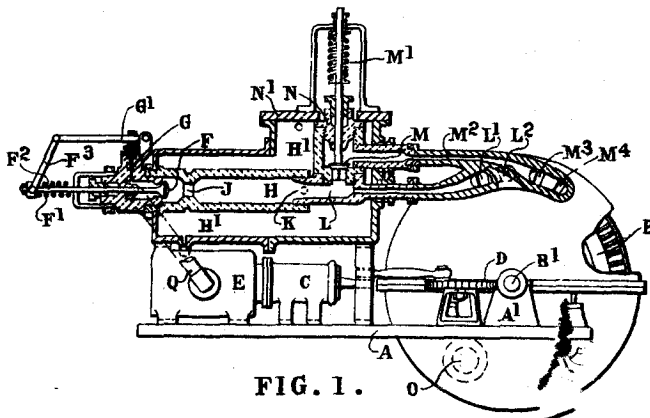
23203
Fortescue. Tire-connector.



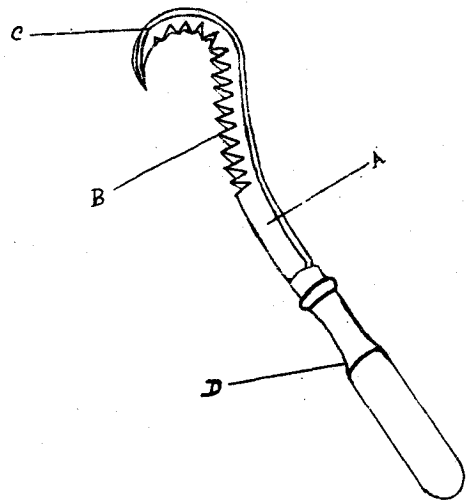
23337
Warnsley. Gas-manufacture.



23608
Neumann. Air-compressor.



23884
Dod. Gas-turbine.



23616
Wannemacher. Butter-curler.

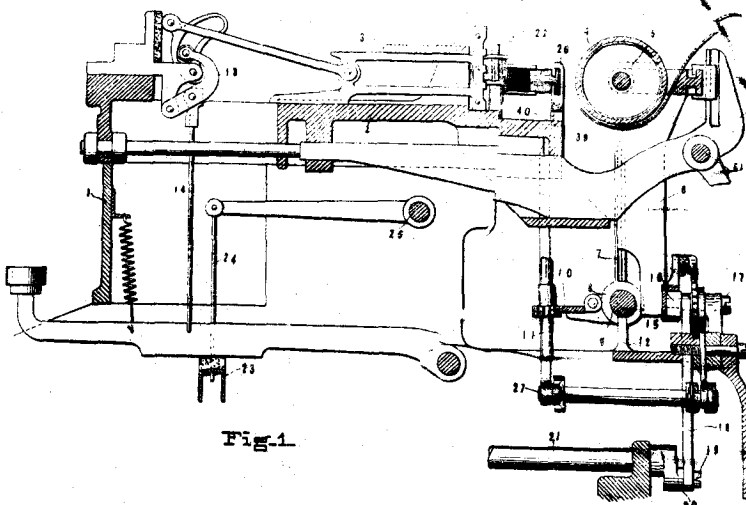


Fig. 1.

23386
Kidder and Sponsel. Typewriter.

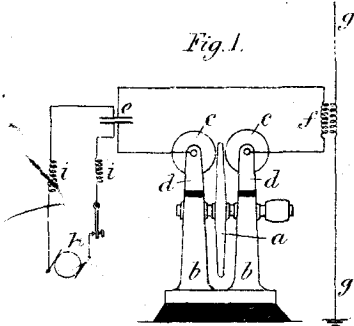
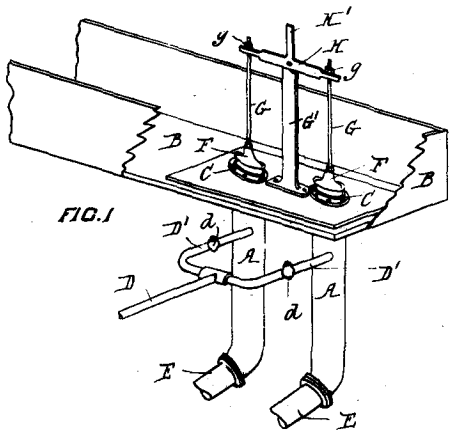
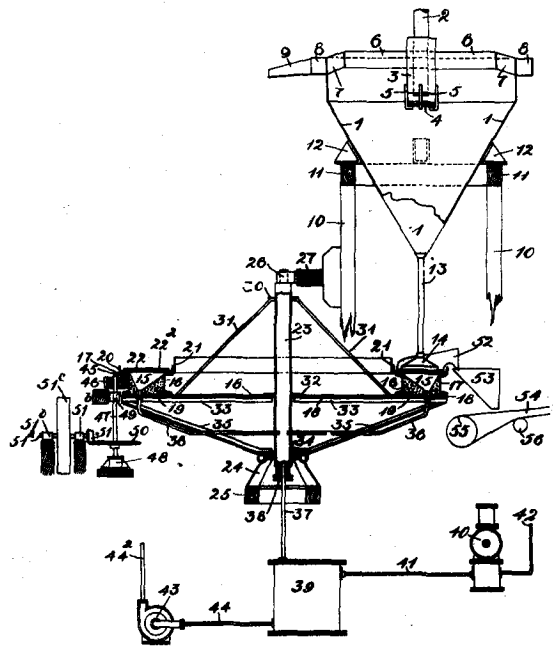


Fig. 1.

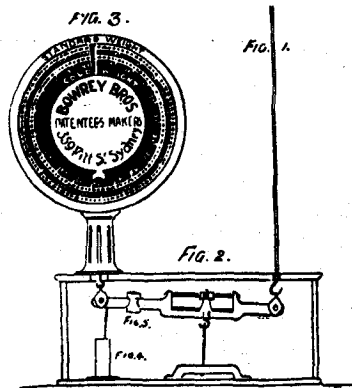
23581
Marconi's Wireless Telegraph Co. (Ltd.). Transmitter. (Marconi.)



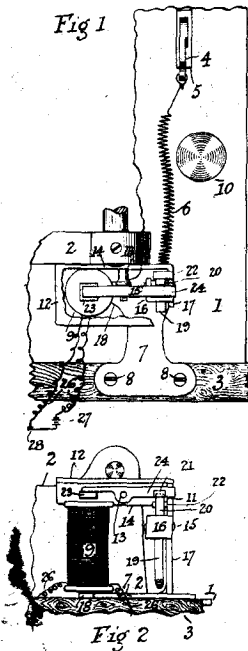
22408
Hutchinson. Vacuum Pump.



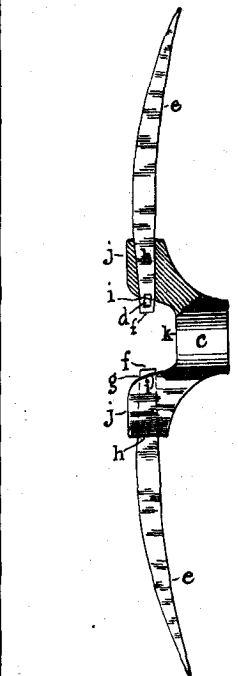
22518
Caldecott. Ore-separator.



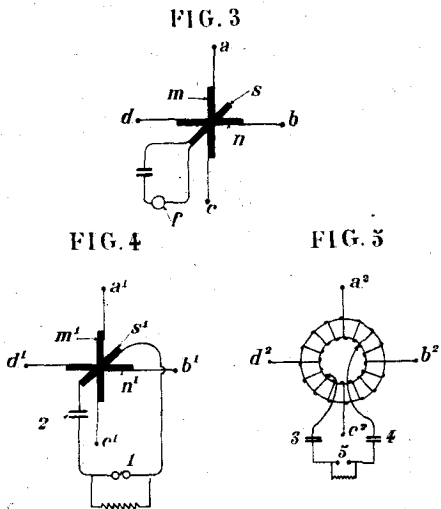
22519
T. and J. Bowrey. Sheep-weighing Machine.



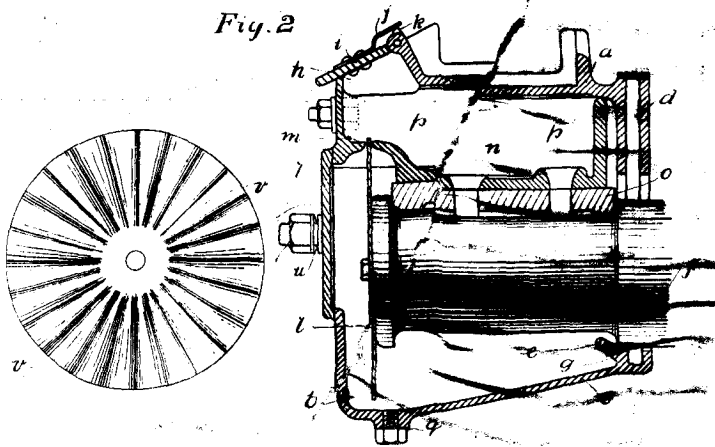
23604
Fig. Talking-machine.



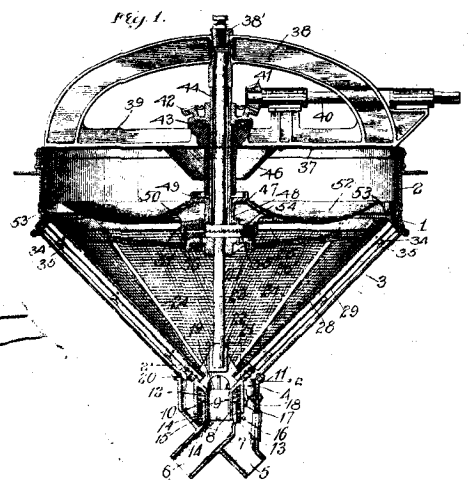
23707
Fraser. Pick-head. (Mazlin.)



23661
Bellini and Tosi. Wireless Telegraphy.



23709
and Carson. Axle-box.



23712
Rally. Separator.