

SUPPLEMENT

TO THE

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CONTENTS.

	Page
Complete Specifications and Drawings open to Inspection .. .. .	1749
List of Applications for Patents available for Inspection .. .. .	1749
Foreign Acts received .. .. .	1750
International and Intercolonial Arrangements for the Mutual Protection of Patents and Trade Marks ..	1750
Patent Publications in New Zealand .. .. .	1750
Books and Documents open to Inspection at Patent Office, Wellington .. .. .	1750
Official Publications .. .. .	1751
Local Patent Offices .. .. .	1751
Applications for Letters Patent filed .. .. .	1751
Complete Specifications filed after Provisionals ..	1752
Complete Specifications accepted .. .. .	1752
Provisional Specifications accepted .. .. .	1757
Letters Patent sealed .. .. .	1757
Letters Patent on which Fees have been paid ..	1757
Subsequent Proprietors of Letters Patent registered ..	1758
Request for Correction of Clerical Error in Application for Letters Patent .. .. .	1758
Applications for Letters Patent abandoned ..	1758
Application for Letters Patent void .. .. .	1758
Applications for Letters Patent lapsed .. .. .	1758
Letters Patent void .. .. .	1758
Design registered .. .. .	1758
Designs expired .. .. .	1758
Applications for Registration of Trade Marks ..	1759
Trade Marks registered .. .. .	1762
Trade Mark Renewal Fees paid .. .. .	1762
Trade Marks removed from the Register .. ..	1762
Request for Amendment of Trade Mark Application ..	1762
Notice <i>re</i> Advertisements .. .. .	1762

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

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

LOCAL PATENT OFFICES

IN THE

SUPREME COURT BUILDINGS

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

*Auckland.*

*Gazette* No. 49, of the 25th June. July 1st to July 15th, inclusive.

*Dunedin.*

*Gazette* No. 49, of the 25th June. July 21st to August 4th, inclusive.

*Gazette* No. 46, of the 11th June. July 7th to July 21st, inclusive.

*Gazette* No. 43, of the 28th May. June 24th to July 8th, inclusive.

*Christchurch.*

*Gazette* No. 49, of the 25th June. August 8th to August 22nd, inclusive.

*Gazette* No. 46, of the 11th June. July 27th to August 10th, inclusive.

*Gazette* No. 43, of the 28th May. July 11th to July 25th, inclusive.

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

List of Applications for Patents available for Inspection at Auckland, Christchurch, and Dunedin.

MANUSCRIPT list of applications for Letters Patent (containing number, date, name of applicant, address, and title of invention) are now forwarded weekly to the local Patent Offices mentioned, where they may be inspected.

*Foreign Patent Laws.*

THE following Act has been received and may be inspected at this office:—

Switzerland, 21st June, 1907.

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

## INTERNATIONAL CONVENTION.

THE following countries now belong to the Convention:—

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

\* Trade marks only.

Separate arrangements have been made between Australia and New Zealand.

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

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

*Patent Publications in New Zealand.*

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

## WELLINGTON.—PATENT OFFICE LIBRARY.

*United Kingdom.*

The full text of the specifications and complete drawings of inventions patented from the year 1617 up to the 5th March, 1908.

Classified illustrated abridgments of inventions from 1855 to 1904 and part of 1905.

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

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

*Canada.*

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

*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).

(a) Discontinued.

(b) In arrear. Not now being printed.

*United States.*

The full text of the specifications and drawings for the year 1905.

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

*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.

## 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).

(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.

DESIGNS.

(Search fee, 1s. each quarter of an hour.)

1. Register of Designs, with Index of Names of Proprietors.
2. Classified Representations of Designs in respect of which Copyright has expired.
3. Index of Designs.

TRADE MARKS.

(Search fee, 1s. each quarter of an hour.)

1. The files relating to all applications for registration of trade marks.
2. Register of Applications for Registration of Trade Marks.
3. Register of Trade Marks.
4. Index of Applicants for Registration of Trade Marks<sup>(a)</sup>.
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<sup>(b)</sup>.
- Pamphlet containing Act and Regulations (price 1s.).

<sup>(a)</sup> Names of applicants for registration and proprietors of trade marks are indexed at the beginning of the Registers up to 31st December, 1889; in separate volume up to 5th September, 1904; and since the latter date in card index.

<sup>(b)</sup> May also be obtained at any local Patent Office or money-order office.

Official Publications.

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

- Printed specifications to the end of the year 1879.
- Annual lists of letters patent and letters of registration applied for, and particulars of applications lapsed, and patents lapsed, from 1880 to 1893 inclusive. (The lists for the last four of these years are contained in the *Annual Reports of the Registrar*.)
- Annual reports of the Registrar, containing alphabetical indexes of applicants for letters patent and of subject-matter of inventions patented from 1894 to 1906 inclusive.
- The Patents Supplement to *Gazette* (containing notifications, applications for letters patent, abridged descriptions and drawings of inventions, &c.), published fortnightly.

Local Patent Offices.

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

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

Applications for Letters Patent filed.

LIST of applications for Letters Patent filed. (Where a complete specification accompanies an application an asterisk is affixed; in all other cases a provisional specification has been lodged. In all cases where the applicant is not the inventor the name of the latter appears in italics after the title.)

- No. 24501.—9th June.—R. Nelson, Christchurch, N.Z. Draught, dust, &c., excluder.
- No. 24502.—9th June.—E. R. Magnus, Sydney, N.S.W. Casting dental inlays, &c.
- No. 24503.—9th June.—T. M. Davies and The Stepney Spare Motor-wheel, Limited, Llanelly, Wales. Wheel.\* (Date applied for under Section 106 of the Act, 14th November, 1907.)
- No. 24504.—9th June.—F. Blackwell, Wynyard, Tas. Potato-digger.
- No. 24505.—9th June.—G. P. Brown, Hastings, N.Z. Steering-apparatus.
- No. 24506.—9th June.—I. Bevan, London, Eng., and F. Anderson, Freya, Transvaal. Valve.\*
- No. 24507.—10th June.—C. Nelson and B. Wood, Wellington, N.Z. Trolley-head.
- No. 24508.—2nd June.—J. Patchett, Blenheim, N.Z. Threshing-machine.
- No. 24509.—9th June.—A. L. Riddles, New Plymouth, N.Z. Furniture polish.
- No. 24510.—9th June.—E. J. Hardman and C. E. W. Hervey, Waikaiti, N.Z. Bucket, &c., handle.
- No. 24511.—11th June.—T. C. Cameron, Castlemaine, Vic. Non-refillable bottle.
- No. 24512.—11th June.—J. M. Taylor and H. Oakley, Christchurch, N.Z. Window.
- No. 24513.—11th June.—F. L. Alley, Sydney, N.S.W. Boot-finishing machine.\*
- No. 24514.—11th June.—C. M. Browne, South Yarra, and W. J. James, Middle Park, Vic. Boot-making method.\*
- No. 24515.—11th June.—W. J. Bell and P. T. Donnelly, Hawera, N.Z. Cow-bail.
- No. 24516.—12th June.—E. Hayes, Rough Ridge, N.Z. Wire-coiler.
- No. 24517.—27th March.—R. M. Smith, Auckland, N.Z. Building-block.\*
- No. 24518.—13th June.—F. W. Nofke, Apiti, N.Z. Saw-set.\*
- No. 24519.—11th June.—F. E. Ross, Cambridge, N.Z. Cow-shed bail.\*
- No. 24520.—11th June.—F. E. Ross, Cambridge, N.Z. Door for cow-shed.\*
- No. 24521.—11th June.—F. E. Ross, Cambridge, N.Z. Portable cow-shed race, &c.\*
- No. 24522.—15th June.—J. Shepherd and A. Cederman, Hokitika, N.Z. Turbine.
- No. 24523.—16th June.—F. H. Trevellian, Wellington, N.Z. Cash-register.
- No. 24524.—16th June.—I. Deachman, Almonte, Canada. Milk-can hoist.\*
- No. 24525.—13th June.—G. W. Holland, Wanganui, N.Z. Horse-shoeing appliance.
- No. 24526.—16th June.—J. Hopkirk, Hawera, N.Z. Vacuum pump.\*
- No. 24527.—16th June.—B. E. D. Kilburn, London, Eng. Explosive.\*
- No. 24528.—16th June.—C. H. Stuart and C. S. Snell, London, Eng. Elastic fluid-compressor.\*
- No. 24529.—16th June.—J. T. Hunter, Wellington, N.Z. Typographic composing-machine.\* (*Lino-type and Machinery Limited—W. J. Rennie*.)
- No. 24530.—16th June.—B. Locking, Napier, N.Z. Poison gas, &c., generator.
- No. 24531.—17th June.—F. T. Dakin, Wellington, N.Z. Clothes peg.
- No. 24532.—16th June.—A. E. Taylor, Christchurch, N.Z. Strap or parcel-carrier.
- No. 24533.—17th June.—Maatschappij tot vervaardiging van Snymachines volgens "Van Berkel's Patent" en van andere werktuigen, Rotterdam, Holland. Meat-slicing machine. (A. Roest.)

- No. 24534.—17th June.—E. R. Magnus, Sydney, N.S.W.  
Mould for casting dental inlays.
- No. 24535.—17th June.—R. Noble, Melbourne, Vic.  
Concentrating-table.\*
- No. 24536.—15th June.—C. Elason, Kew, Vic.  
Table.\*
- No. 24537.—16th June.—J. G. Jones, Taheke, N.Z.  
Music-leaf clip.
- No. 24538.—15th June.—A. H. Krause, Auckland, N.Z.  
Parcel, &c., carrier.
- No. 24539.—17th June.—W. G. J. Brown, Sydney, N.S.W.  
Hair-tonic.
- No. 24540.—17th June.—Henry S. Spackman Engineering  
Company, Philadelphia, U.S.A.  
Preparation of plastic compositions and  
accelerators therefor.\* (H. S. Spack-  
man and E. W. Lazell.)
- No. 24541.—22nd June.—G. W. Whitehead, Christchurch,  
N.Z., Tailor.  
Double-acting hand-pump.
- No. 24542.—18th June.—J. Beattie, Farmer, and R. N. Ful-  
ton, Electrical Engineer, Dunedin, N.Z.  
Check rack for adjustable seats for vehicles.\*
- No. 24543.—18th June.—E. J. Bailton, Auckland, N.Z.,  
Agent, and John Rennie, Kingsland,  
Auckland, N.Z., Agent.  
Rotary scouring (or, and) washing-machine.
- No. 24544.—18th June.—T. Jackson, Fernbank, Opuawhanga,  
Whangarei, N.Z., Farmer.  
Cutting scrub.
- No. 24545.—20th June.—F. Cooper, Christchurch, N.Z. Im-  
plement Manufacturer.  
Skeith-buckle.\*
- No. 24546.—20th June.—F. Cooper, Christchurch, N.Z. Im-  
plement Manufacturer.  
Shackle for bridle of ploughs and similar  
implements.\*

*Complete Specifications filed after Provisionals.*

LIST of complete specifications filed after provisional specifications, from the 9th to the 22nd June, 1908, inclusive:—

- No. 23344.—C. H. Mason, cowl.\*
- No. 23440.—H. Quertier, motor-cycle and cleaner.
- No. 23452.—C. Suttie and M. H. Wynyard, cleaning flax  
after stripping.
- No. 23497.—J. C. Atkinson, umbrella, hat, &c., rack.
- No. 23552.—C. J. Hemery, artificial fuel.
- No. 23587.—A. H. Wood, washing-boiler.
- No. 23589.—A. H. Cornford, military game or toy.

\* Filed, 22nd May. No. 24344 was inadvertently advertised in the Gazette of 28th May, 1908, instead of No. 23344.

*Notice of Acceptance of Complete Specifications.*

Patent Office,  
Wellington, 24th June, 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. 22272.—14th March, 1907.—MATTHEW BELK, of Pal-  
merston North, New Zealand, Engineer. New or improved  
means for branding carcasses.\*

*Claims.*—(1.) Means for branding carcasses, the same con-  
sisting of a mallet or like appliance having a recess within  
its head, a plate bearing the desired brand upon it placed  
over the mouth of such recess, and a helical spring placed  
within such recess and bearing against the back face of the  
plate so as to provide a spring cushion therefor, substantially  
as specified. (2.) Means for branding carcasses and other  
objects, constructed and arranged substantially as described  
and explained, and as illustrated in Fig. 2 of the drawings.

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

No. 22758.—15th September, 1906.—DUNCAN NORBERT  
HOOD, of 252 West 76th Street, New York, United States of  
America, Mining Engineer. Improvements in process and  
apparatus for treating ores.

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

*Extract from Specification.*—I employ a suitable wet-crushing  
mill, which may be a stamp battery or a roller mill, in the  
form such as is usually made for screen-discharge. I insert in  
the place of the frame supporting the screen an attachment  
forming a part of the improved apparatus, all of which will  
be more fully described, and which adapts a particular  
mill so that an outflow channel is provided, in which a  
sorting action is produced, in connection with discharge  
by means of an upwardly flowing current of water in said  
channel.

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

(Specification, £1 1s.; drawing, 4s.)

No. 23036.—28th June, 1906.—ALBERT HAYES, of 117  
West 71st Street, New York, United States of America, In-  
ventor. Process for treatment of iron or steel.\*

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

*Extracts from Specification.*—In carrying out my invention,  
I heat the bar or rod or other article of steel or iron to a red  
heat, and then quench it in a solution of which hippuric acid is  
the principal ingredient. . . . I have found it desir-  
able in some cases to pass a low-tension electric current  
through the solution and the article to be treated while it is  
being subjected to the action of the solution.

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

(Specification, 4s. 6d.)

No. 23037.—28th June, 1906.—ALBERT HAYES, of 117  
West 71st Street, New York, United States of America,  
Inventor. Fibrous steel.

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

*Extracts from Specification.*—In order to produce my inven-  
tion, I heat the bar or rod or other article of steel or iron to a  
red heat, and then quench it in a solution of which hippuric  
acid is the principal ingredient. . . . I have found it  
desirable in some cases to pass a low-tension electric current  
through the solution and the article to be treated while it is  
being subjected to the action of the solution.

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

(Specification, 4s. 6d.)

No. 23038.—28th June, 1906.—ALBERT HAYES, of 117  
West 71st Street, New York, United States of America, In-  
ventor. Solution for the treatment of iron or steel.

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

*Extract from Specification.*—The characteristic element of  
the solution of my invention is hippuric acid, but I find the  
best results are secured from a solution containing in addition  
to hippuric acid, magnesium-chloride, chlorine, sal ammoniac,  
chloride of sodium, and a small amount of ammonia.

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

(Specification, 2s. 6d.)

No. 23066.—22nd August, 1907.—HUGH FREW, of Crom-  
well, Otago, New Zealand, Government Rabbiter. A bird-  
trap.\*

*Claims.*—(1.) A bird-trap comprising a box having a non-  
return entrance and an exit, a removable box with an opening  
in one side adapted to register with the exit, and means for  
closing the opening in the removable box, substantially as and  
for the purposes set forth. (2.) A bird-trap comprising a main

compartment having a non-return entrance in one end and an opening in the other end communicating with an adjoining second compartment which projects vertically above the top of the main compartment, an exit opening in the projecting portion of the second compartment, a removable box with an opening in one side adapted to register with the exit-opening in the second compartment, and a sliding shutter for closing the opening in the box, substantially as and for the purposes set forth. (3.) A bird-trap constructed, arranged, and operating substantially as described.

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

No. 23084.—4th July, 1907.—JAMES KERSHAW, of Nelson, New Zealand, Engineer. Improvements in machines for pressing small packets of hops from half a pound upwards.\*

*Claims.*—(1.) The machine for pressing small packets of hops from half a pound upwards, comprising in combination clips and plates, and cast-iron block with spaces, also plungers with spaces to admit of the clip which clamps the hops and plates together, substantially as described. (2.) The machine for pressing small packets of hops from half a pound upwards, constructed as described in claim 1, and comprising in combination an iron box with compartments connected to a crank-shaft with eccentric pulley and driven by a worm-wheel and pinion, substantially as described, and illustrated in the drawing. (3.) The combination and arrangement of parts comprising the improvements in and relating to the machine for pressing small packets of hops from half a pound upwards, substantially as described.

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

No. 23092.—1st July, 1907.—JOHN CORNWELL, of Collingwood Street, Auckland, New Zealand, Flax-miller. An improved reinforced-concrete post.\*

*Claim.*—The placing of barbed wires within concrete for fencing or other posts, whereby I produce an improved reinforced-concrete post.

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

No. 23192.—28th July, 1906.—JULIUS ANTON HUTMACHER, of 30-32 Nollendorstrasse, Berlin, Germany, Manager. Generator for water-gas and the like.

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

*Claims.*—(1.) A generator for pure or carburetted water-gas, having its chamotte walling divided by a hollow annular steam-producer and superheater subdivided into flues. (2.) In a generator as set forth, the thickness of the walling of the superheater increasing from the colder to the warmer zone of the generator. (3.) In a generator as set forth, a special chamber for the vaporization or the superheating of the carburetted means divided off from the steam-producer in the chamotte walling. (4.) In a generator as set forth, the entrance for the carburetted material placed between the vaporizer or superheater and the grate or the bottom, and provided with a tue-iron with apertures leading into the reduction-zone.

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

No. 23243.—1st August, 1907.—WILLIAM MEHARRY, of Upper Kokatahi, Hokitika, New Zealand, Flax-dresser. Travelling emery for dressing flax-stripper drums.\*

*Claims.*—(1.) The travelling emery for dressing flax-stripper drums, comprising, in combination, a spindle mounted on which is an emery-stone, with brackets to contain brass bearings and hand regulating-screws, with pulley keyed on spindle, and same driving from roller-belt. (2.) The brackets which contain brass bearings being always left on stripper-chairs, and always ready for use as shown in drawings. (3.) The general arrangement, construction, and combination of parts in my travelling emery for dressing flax-stripper drums, substantially as described, and for the purpose set forth.

Take notice I do not wish to claim all the above-named parts, but the simplicity of the construction of brackets, and no extra belt required to set in rotation, as stripper roller belt drives emery-stone.

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

No. 23308.—13th August, 1907.—LUTHER JOHN AMBURY, of Raupo, New Zealand, Farmer. Improvements in cow-covers.\*

*Claims.*—(1.) The combination with a cow-cover, of an attachment adapted to fit beneath and around the cow's udder, and secured to the cover by straps or the like, substantially as specified. (2.) The improvements in cow-covers, substantially as described and explained, and as illustrated in the drawings.

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

No. 23398.—29th August, 1907.—BENJAMIN FRANKLIN CRANWELL, of Henderson, Auckland, New Zealand, Agricultural Engineer. An improved seed and fertiliser broadcaster.\*

*Claims.*—(1.) A broadcaster for attachment to planters, fertiliser-distributors and suchlike, consisting of a tubular tapering body with a nozzle at its top end, while the lower portion of said body is divided into compartments with a distributing or scattering lip at the lower or discharge end, extending from the front of the said body at an inclination in a rearward direction, all for the purposes above set forth, substantially as described, and as illustrated by the drawings. (2.) As an improved article of manufacture, a broadcaster for attachment to planters, fertiliser-distributors and suchlike, consisting of a tubular tapering body with a nozzle on its top end and wider at its lower end, both ends being open, a dividing-piece being located within the said body secured to the front and rear sides, carrying a distributing or scattering lip at the lower end of said body, extending from the front thereof downwardly and rearwardly, said distributing or scattering lip being of a length corresponding to the full width of the said body at its discharge end, all for the purposes above set forth, substantially as described, and as illustrated by the drawings.

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

No. 23576.—10th October, 1907.—EDGAR CHARLES KILGOUR, of 72-74 Queen's Bridge Road, South Melbourne, Bourke, Victoria, Australia, Engineer. An improved acetylene-gas generator.\*

*Claims.*—(1.) In an improved acetylene-generator, the outer cylindrical metal vessel 1, divided into the horizontal compartments 2, 3, and 4, in combination with the pipes 5 and 7, the washer 38, sludge-outlet 33, with opening 56A, and cover 57, and gas-pipe 39, substantially as described and illustrated by the drawings. (2.) In an improved acetylene-generator, the carbide-receptacle 9 (see Fig. 5), fitted with valve-seat 13, valve 11, and valve-protector 10, cover 22, bridle 23, lug 24, and screw 25, in combination with pipe 8, and siphon-pipe 60, substantially as described and illustrated by the drawings. (3.) In an improved acetylene-generator, the gas-bell 42, in combination with the outer casing 44, with valve-seat 41, and valve 43, the tube 40, in further combination with bracket 47, lever 46, chain 45, weight 48, diagonal rod 26, and bracket 27, substantially as described and illustrated by the drawings. (4.) In an improved acetylene-generator, the float 19, in combination with bracket 17, horizontal lever 16, float-rod 18, with knob 20, bracket 27, valve-rod 12, vertical rod 21, with catch 21A and rods 28, substantially as described and illustrated by the drawings. (5.) In an improved acetylene-generator, the gas-filter as shown in Fig. 6, with outer casing 50, in combination with filter-bag 51, flange 58, inner casing 52, glass wool filtering material 53, perforated plates 54, tap 56, inlet-pipe 49, and outlet-pipe 55, substantially as described and illustrated by the drawings. (6.) In an improved acetylene-generator, the combination and arrangement of the several parts forming an improved apparatus for the generation of acetylene, wherein the granulated carbide is supplied to the water automatically, substantially as described and illustrated by the drawings in Figs. 1 to 6 as and for the purposes set forth.

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

No. 23640.—22nd October, 1907.—JOHN RUTHERFORD PARK, a member of the firm of A. J. Park and Son, of 131 Princes Street, Dunedin, New Zealand, Registered Patent Agents (nominee of "Z" Electric Lamp Syndicate, Limited, of 20 St. Helen's Place, London, E.C., England—the assignees of Hermann Zerning, of Johann Sigismundstrasse 11, Halensee, near Berlin, Germany, Electrical Engineer). Improvements relating to the manufacture of filaments for electric incandescent lamps.\*

*Claims.*—(1.) In the manufacture of tungsten-filaments for incandescent electric lamps, mixing tungsten-hydride with a binding agent containing nitro-cellulose, and squirting the filaments therefrom. (2.) In the manufacture of tungsten-filaments for incandescent electric lamps, the employment of a binding material consisting of a solution of nitro-cellulose mixed with an oily or fatty substance such as castor-oil. (3.) In the manufacture of tungsten-filaments for incandescent electric lamps, mixing tungsten-hydride with a solution of nitro-cellulose, amyacetate, and castor-oil before squirting the mass into filaments. (4.) In glowing filaments produced according to the previous claiming clauses by heating, painting the interior of the vessel containing the filaments with a paste consisting of zirconium-hydride and amyacetate. (5.) The process of manufacturing tungsten-filaments for incandescent electric lamps which consists in reducing tungstic acid to tungsten-hydride by heating with metallic zinc in the presence of hydrogen, mixing the tungsten-hydride powder with a binding agent of the kind described, squirting the mass into filaments, and glowing the filaments at a high temperature in the presence of charcoal. (6.) The described process of converting tungstic acid into tungsten-hydride, and producing therefrom filaments of metallic tungsten for incandescent electric lamps.

(Specification, 3s. 6d.)

No. 23881.—3rd January, 1908.—HOULDER BROTHERS AND COMPANY, LIMITED, of 146 Leadenhall Street, London, England, Shipowners, and GEORGE ANDERSON, of Malmesbury Place, Shirley, Southampton, Hampshire, England, Engineer. Improvements in or connected with the storing of chilled meat and the like.

*Claim.*—The method of storing chilled meat and the like, consisting in placing the meat or the like in a chamber which has been previously cleansed and sterilised, and into which is admitted a supply of air cooled to the temperature at which the chamber is maintained, any gases or vapours which may be given off by the meat or the like being withdrawn when necessary, and replaced by fresh air cooled to the temperature above mentioned, substantially as described.

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

No. 24013.—19th February, 1908.—AUTO-HYDRAULIC LIMITED, of 108A Cannon Street, London, E.C., England (assignees of Albert Edward Hodder, of 85 Algernon Road, Lewisham, London, S.E., England, Engineer). Improvements in or relating to automatic water-elevators.

*Claims.*—(1.) In a water-elevator, the combination with an upper closed tank having a valve-controlled water-inlet leading from the source and an outlet for water under pressure, of a lower pressure-tank having an outlet for compressed air at the top leading to the top of the upper closed tank and arranged to receive water and air under pressure, and an aerating-tank at the level of the source, supplied with water from the source and arranged to supply air-charged water to the lower pressure-tank. (2.) In a water-elevator, the combination with an upper closed tank having a valve-controlled water-inlet leading from the source and an outlet for water under pressure, of a lower pressure-tank having an outlet for compressed air at the top leading to the top of the upper closed tank and arranged to be alternately filled with water and emptied, and an aerating-tank at the level of the source, supplied with water therefrom and arranged to supply air-charged water to the pressure-tank. (3.) In a water-elevator of the type described, the employment of an aerating-tank from which air-charged water is supplied to a pressure-chamber at a lower level, substantially as and for the purpose described. (4.) In a water-elevator of the type described, the employment of an aerating-tank having a perforated diaphragm and a division plate, substantially as and for the purpose described. (5.) In a pressure-tank for a water-elevator

of the kind described, a water-operated mechanism comprising a bell-float in which air is entrapped under pressure, whereby on release of the pressure outside the float the entrapped air suddenly expands and an outlet-valve is opened suddenly and completely, and is thereupon automatically retained open until the water escapes, substantially as described. (6.) In a water-elevator of the kind described, a pressure-tank as covered by claim 5 comprising a vessel with a compressed-air conduit at the top, an outlet-valve at the bottom, and a water-operated mechanism which opens the outlet-valve suddenly and completely, and automatically retains it open until the water escapes and then closes it suddenly, substantially as described. (7.) In a water-elevator of the kind described, a pressure-tank as covered by claim 5 comprising a vessel with a compressed-air conduit at the top and an outlet-valve at the bottom, a bell-float attached to the outlet-valve, and a detent operated by a second float at the bottom whereby the outlet-valve is suddenly opened when the pressure-tank is filled and suddenly closed when it is emptied. (8.) In a pressure-tank for a water-elevator of the type covered by claim 5, the combination with a vessel having a water-inlet E, a water-outlet F1, and a compressed-air outlet F2, of a valve G connected to a bell-float G2 by a spindle having a projection G3 and a detent J operated by a float J1 at the bottom of the tank, substantially as and for the purpose described. (9.) In a water-elevator, the combination with an upper closed-tank having a valve-controlled water-inlet leading from the source and an outlet for water under pressure, of a lower pressure-tank having an outlet for compressed-air at the top leading to the top of the upper closed-tank, an aerator at the level of the source supplied with water therefrom, a downtake-pipe arranged to supply air-charged water to the pressure-tank, and an uptake-pipe to lead water from the pressure-tank up to the level of discharge. (10.) In a water-elevator of the type covered by claim 9, an upper reservoir comprising a vessel B having a water-inlet valve C1, a water-outlet pipe B1, an air-inlet valve P, and an air-vent O, and means such as the floats Q R1 and projections O4 R for opening the valve P and closing the vent O when the reservoir B is filled with water, and for suddenly opening the valve O and closing the valve P when the reservoir B is emptied of water.

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

No. 24081.—8th March, 1907.—WILLIAM JETHRO STURGESS, of 29 Cromer Road, Balsall Heath, Birmingham, England, Engineer. Improvements in frictional bearings for looking-glasses, movable blind-rollers, and other similar purposes.

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

*Claim.*—In hinge or swivelling bearings of the kind referred to, the employment of pivoted wings or their like, having embracing surfaces above and below their pivot centres, whose said surfaces are made to embrace a journal upon the moving body, substantially as set forth and described, and for the purposes specified.

(Specification, 3s. 6d. ; drawing, 2s.)

No. 24269.—14th April, 1908.—EDWARD HALFORD STRANGE, Technical Research Chemist, and CHARLES ALBERT PIM, Chemical Engineer, both of 7 Staple Inn, London, England. Improvements in and apparatus for the manufacture of thin sheets, or foil, or strips, or ribbons, of zinc, lead, or other metal or alloy.

*Claims.*—(1.) The manufacture of thin sheets, or foil, or strips, or ribbons, of zinc, lead, or other metal or alloy, of the character aforesaid, by causing the molten metal or alloy to be projected on to and wiped up by a cooled surface moving rapidly so as to draw out the metal or alloy into a thin form, substantially as explained. (2.) For the manufacture of thin sheets, or foil, or strips, or ribbons, of zinc, lead, or other metal or alloy of the character aforesaid, an apparatus, consisting of or comprising a receptacle for the molten metal or alloy, means for keeping the said metal or alloy molten, an outlet from the said receptacle, a surface in close proximity to the said outlet, means for rapidly moving the said surface so as to draw out the metal or alloy into a thin form, and means for continuously cooling the said surface, without the application of moisture to such surface.

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

No. 24302.—24th April, 1908.—GUSTAF EMIL OHRN, of Herrang, Hafverosund, Sweden, Engineer. Improvements in apparatus for magnetic separation of ore.

*Claim.*—Apparatus for separating ores magnetically, in which the ore-pulp is made to flow in the upper part of a comparatively deep current horizontally past and in proximity with a multipolar system of magnets, but is separated therefrom by a moving non-magnetic screen, which is out of contact with the stream of water, whereby the most magnetic particles are drawn upwards out of the water to the said moving screen and carried along some distance thereby, while the less magnetic particles are floated along the surface of water under the attraction of the magnets, and thereby separated from the non-magnetic particles, which sink downwards, substantially as described.

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

No. 24311.—8th June, 1908.—CLAUD H. WILLIAMS, of Muriwai, Auckland, New Zealand, Station-owner. An improved fencing-dropper.

*Claims.*—(1.) A wooden dropper for wire fences, having a series of channels in one face, each channel receiving one of the wires of the fence, and link wires one for each fencing-wire, each link passing through a hole in the dropper, and having its ends adapted to be bent over the fence-wire lying in the adjacent channel, substantially as specified. (2.) A fencing-dropper constructed, arranged, and operating substantially as specified and illustrated in the drawing.

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

No. 24318.—29th April, 1908.—DAVID EDWARD BIGELOW, of Equitable Buildings, Collins Street, Melbourne, Victoria, Australia, Mining Engineer. Improvements in revolving screens.

*Extract from Specification.*—A revolving screen consisting of a drum the periphery of which is composed of wire screen-cloth, having dished or concave sections in combination with means for feeding the ore or metallurgical products on to the upper outer surface of the said screen, with spray-pipes and means for removing the oversize products from the bottom of the said drum, and for removing the fines from the interior of the said drum.

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

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

No. 24337.—28th April, 1908.—ANNIE MARGARET PONNINGHAUS, of 30 Portland Place, South Yarra, Victoria, Australia, Married Lady. An improved apparatus relating to the heating of liquids.

*Extract from Specification.*—This invention includes a bottom-piece 2 forming a fire-grate (Fig. 2). Through the middle of this is a fire-bar hole 3. Within the interior of the said bottom-piece is a liquid-heating ring 4 through which liquid passes. Resting upon the said bottom-piece and near the fire-door hole are fire-bars 5. Beneath the said fire-bars is an ash-pan 6. Above the said bottom-piece is an upstanding sidepiece or lip 44 retaining the bottom of a shell 7. The said shell may be secured to the said upstanding sidepiece. The top of the said shell has thereon a cover 8. Inside the said shell, and therefore above the bottom-piece, is a fire-box 9. Above the said fire-box is a chimney or flue 10. Leading into the fire-box is a fire-door 11, &c.

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

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

No. 24338.—28th April, 1908.—ANNIE MARGARET PONNINGHAUS, of 30 Portland Place, South Yarra, Victoria, Australia, Married Lady. An improved machine for washing or otherwise treating clothes or other articles.

*Extract from Specification.*—On reference to the drawings it will be seen that there are included two side-frames marked 2. The said two side-frames are united by a crosspiece 3. To each side of the said crosspiece 3 are attached the inner ends of buffer-springs 4 (Fig. 1). The said buffer-springs 4 may extend to the buffer 5 hereinafter referred to, or they may

be short as shown. Instead of spiral springs being used, plate-springs may be employed, or any suitable material having sufficient resiliency. Embracing portion of the top of each sidepiece is a top-piece 6. This is preferably secured to the side-frame by a bolt 7 (Fig. 1). Each top-piece has an opening or pocket 8 therein. In each opening are beds 9. Upon each bed rests one end of an upper pivot-pin 10. This pivot-pin consists of a piece of plain round metal passing into the opening 8, the ends of which pin rest, as stated, upon the said beds 9 and as shown in Fig. 2. The two top-pieces 6 at the wringer end of the machine—i.e., the end opposite the bow or other shaped operating-lever 11—have wringer-board lugs 12 thereon. To these is secured a wringer-board 13, to which may be attached a wringer of any well-known character. Suspended from each upper pivot-pin 10 is a link 14. This consists of a piece of rectangular-sectioned metal, the upper and lower ends of which have a half or three-quarters (more or less) round bend 15 thereon. Pivoted in the lower ends of the links 14 are lower pivot-pins 16. The said lower pivot-pins 16 pass through holes in the lower ends of droppers 17, the upper ends of which droppers are attached to the sides of the open-topped box 18 referred to, &c.

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

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

No. 24339.—28th April, 1908.—ANNIE MARGARET PONNINGHAUS, of 30 Portland Place, South Yarra, Victoria, Australia, Married Lady (assignee of Wilhelm Bartholdt Didrick Punninghaus, of 30 Portland Place, South Yarra, Victoria, Australia, Machinery Importer). An improved machine for washing soiled or used articles.

*Extract from Specification.*—My invention (referring to Figs. 1, 2, and 3) includes a framework 1. This may be of any suitable conformation, and supports a rotatable barrel or drum 2. In the barrel or drum bottom is a draw-off plug 3. The top of the said barrel or drum is open, and around the top edge is a gutter or recess 4 in which reposes a ring of jointing material 5, such as cork. Protruding inwardly from the inner surface of the barrel or drum, and integral therewith or attached thereto, are two, three, or more water-elevators 6. Protruding outwardly from the outer surface of the barrel or drum, and integral therewith or attached thereto, and diametrically opposite each other, are lugs 7 and 8 (Fig. 1). Extending over the open top of the drum is a door or cover 9. Protruding outwardly from the outer surface of the said door or cover, and diametrically opposite each other, are lugs 10 and 11 (Fig. 1). The said door or cover rests upon the aforesaid jointing-ring 5 in the gutter or recess 4 of the barrel or drum, and is retained thereto by a hinging-clamp. On reference to Fig. 1 it will be seen that this consists of a bolt or threaded member 12 pivoted by a pivot-pin 13 within the aforementioned lugs 7 protruding from the barrel or drum. The said bolt or threaded member 12 passes between the aforementioned lugs 10 protruding from the door or cover, and is retained thereto by a wing or other nut 14. The door or cover 9 is locked to the barrel or drum 2 by a locking-clamp. On reference to Figs. 1 and 3 it will be seen that this consists essentially of an intermediately pivoted hook-pointed forked lever 15 having a crosspiece 16. The said lever is pivoted by trunnions 17 to an internally threaded nut 18, with which said trunnions are integral. In combination with the above is a bolt or threaded member 19 pivoted by a pivot-pin 20 within the aforementioned lugs 8 protruding from the barrel or drum. The said bolt or threaded member 19 passes between the aforementioned lugs 11, protruding from the door or cover, and is retained thereto by forcing the lever 15 from a horizontal plane into the position assumed in Fig. 1, &c.

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

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

No. 24349.—30th April, 1908.—HENRY SYMES, of 91A Princes Street, Dunedin, New Zealand, Inventor. Improved water-balanced high-lift pump.

*Claims.*—(1.) In pumps, two balancing columns of water in upright pipes reciprocating with the strokes of the power pump, combined with special double-plunger pumps arranged for introducing the water to be pumped into the larger or delivery pipe, all substantially as described and as explained, and as illustrated in the drawing. (2.) In pumping, in combination, two balancing columns in pipes, the smaller one of water and the larger one of the liquid to be pumped, with

special double cylinder and plunger-pump arranged to receive and introduce the liquid from the intake and force same into the delivery-pipe, all substantially as described and explained, and as shown in the diagram. (3.) In combination, the reciprocating of two balancing columns of liquid by power in the form of regular strokes, with the introduction of the liquid to be pumped by special double-plunger pumps, and a by-pass for equalising pressures when necessary, all substantially as set forth. (4.) In combination, pumping with two moving columns of liquid, with two plungers, the one lifting the liquid pumped being in equilibrium whilst so lifting, or on the up strokes, all substantially as shown on the diagram, and as described and as explained.

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

No. 24351.—5th May, 1908.—CHARLES HARRISON, of Long Street, Queenstown, South Australia, Shipping and Commission Agent. An improved process for the manufacture of fertilisers and apparatus therefor.

*Claims.*—(1.) The described process of manufacturing fertilisers, consisting in the incineration or roasting of animal matter in closed retorts, conveying the gaseous products of combustion or incineration into a water-trough for the extraction and collection of ammoniacal and nitrogenous fumes, conducting the impregnated solution so formed into a vat neutralising the solution and subsequently depositing the incinerating material whilst still hot into such solution whereby the gaseous products are reincorporated in the incinerated material. (2.) In an improved process for the manufacture of fertilisers and apparatus therefor, a retort, a pipe for conveying the products of combustion from the retort into a water-trough, and means for conducting the contents of said trough into a suitably constructed vat wherein the ammoniacal solution may be neutralised and into which the hot incinerated material is to be deposited, substantially as described and illustrated.

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

No. 24355.—6th May, 1908.—GUSTAF DILLBERG, Chemical Engineer, and ANDERS GADD, Landowner, of Ovedsgard, pr Ovedsklostersgard Station, Sweden. Means and method for preservation of vegetable fibres and articles and materials made of same.

*Claims.*—(1.) Means and method for treating vegetable fibres and materials made of same, substantially as described and for the purpose set forth. (2.) The use of tannic acid, creolin or kindred products, and formalin for the purpose set forth. (3.) The treatment of vegetable fibres and materials composed of same first with tannic acid and creolin or kindred products and then with formalin, substantially as and for the purpose set forth. (4.) Vegetable fibres and materials composed of same treated as described and specified, and for the purpose set forth.

(Specification, 4s.)

No. 24380.—12th May, 1908.—LOUIS HENRY RAW, of "Macequece," Molesey Park Road, East Molesey, Surrey, England, and ROBERT SUMNER, of "The Lodge," Somers Road, Farncombe, Surrey aforesaid. Improvements relating to the treatment of ramie and other similar substances.

*Claims.*—(1.) A process of treatment of ramie or other similar fibrous substance to produce fibre of the character substantially as described. (2.) A process of treatment of ramie or other similar substances, consisting in laying the fibre in earth for the purpose in the manner and substantially as described. (3.) A new article of manufacture consisting of ramie or similar fibre rendered similar to wool so as to be capable of use in combination with or in substitution of wool.

(Specification, 2s.)

No. 24384.—12th May, 1908.—EDWIN ORLANDO BLACKWELL, of Wynyard, Tasmania, Timber-merchant. Improvements in and relating to ship-ventilators and connections thereto.

*Extract from Specification.*—A indicates any suitable ventilator-cowl or open top, B a closed top or adjustable cap which in some cases screws on, C the first or upper tube of the ventilator, D its second tube of less diameter, and E its

lower tube of still less diameter. F, G, and H are any decks, such as upper, middle, and lower. There may be also as at I (Fig. 73) an incomplete or boat-deck. This invention is applicable to more or fewer decks than are shown. The ship's bottom J is of any suitable construction; it is shown cellular, with a hole or fracture K. L represents transverse bulkheads, of which there are a suitable number. A lower bulkhead is shown fractured, water M, N, having simultaneously entered two compartments of the ship, etc.

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

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

No. 24385.—12th May, 1908.—EDWARD BRICE KILLEN, of 52 Queen Victoria Street, London, England, Engineer. Improvements in or relating to wheels.

*Claims.*—(1.) In a wheel, an endless inwardly flanged rim made in one or more endless pieces, with inwardly sloping flanges fitted to a wooden felloe, all substantially as and for the purpose specified and illustrated on the drawings. (2.) In building a wheel, the combination of a single endless inwardly flanged rim with a wooden felloe having inwardly sloping sides, substantially as described and shown on the drawings. (3.) In building a wheel's circumference, the construction of an inwardly sloping inwardly flanged endless steel rim made truly circular inside and outside of uniform thickness with radiused edges without turning.

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

No. 24386.—12th May, 1908.—WILLIAM SNEE, of West Elizabeth, United States of America. Improvements in power-motors.

*Claims.*—(1.) A power-motor, comprising an inner rotatable wheel having a series of radially disposed propeller-blades, a series of intermediate deflecting-blades projecting between the radially disposed propeller-blades, and arranged to direct the motive power toward the same, in combination with a series of stationary deflecting-blades arranged tangent to an inscribed circle. (2.) A power-motor, comprising an inner rotatable wheel having a series of radially disposed propeller-blades, a series of intermediate deflecting-blades projecting between and beyond the outer periphery of the radially disposed propeller-blades, and arranged to direct the motive power toward the same, in combination with a series of stationary deflecting-blades arranged tangent to an inscribed circle.

(Specification, 3s. 6d. ; drawing, 2s.)

No. 24391.—13th May, 1908.—THOMAS EDWARD WOODHAMS NOYES, Governing Director of Noyes Brothers (Sydney), Limited, of No. 109 Pitt Street, Sydney, New South Wales, Australia (assignee of George Warren and John Vivian Tregoning, both of Mine Office, East Rand, Transvaal, South Africa, Miners). Improvements in chucks for holding rock-drills and the like.

*Claims.*—(1.) A chuck for rock-drills and the like, having a tapered bore, the smallest diameter of which is nearer the mouth, and two or more keys correspondingly tapered and adapted to be inserted in the chuck together with the drill so that when the latter strikes the rock or other material being drilled the inertia of the keys causes them to wedge and tighten the drill in the chuck. (2.) A chuck for rock-drills and the like, substantially as described, and as illustrated by the drawings.

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

No. 24402.—16th May, 1908.—CHARLES WILLIAM GRAHAM, of Ngapara, New Zealand, Farm Labourer. An improved frame for coiling and uncoiling wire.

*Claims.*—(1.) A frame for coiling and uncoiling wire, constituted by two set of arms radiating in corresponding directions from opposite ends of a rotatable axle, in combination with curved plates extending across between the corresponding arms of the two sets, and secured to plates attached to such arms and capable of radial movement in relation thereto, substantially as specified. (2.) A frame for coiling and uncoiling wire, consisting of two sets of arms radiating



in corresponding directions from the opposite ends of a rotatable axis, the arms of one set being longer than those of the other, in combination with plates extending across between the corresponding arms and attached thereto in such a manner as to permit of radial movement in relation to the arms, a curved plate secured to each of such plates, and a telescoping member mounted radially in each of the shorter arms, substantially as specified. (3.) The improved frame for coiling and uncoiling wire, constructed and working substantially as described and explained, and as illustrated in the drawings.

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

No. 24415.—20th May, 1908.—JOHN ALGEN BELK, of Wellington, New Zealand, Coachbuilder. An improved fish-plate for railways.

*Claims.*—(1.) The railway fish-plate, divided longitudinally into two portions fitting together with a dovetailed joint, the lower portion being adapted to be secured to the rail-joint, while the upper portion is formed longitudinally as a wedge, substantially as specified. (2.) In a fish-plate constructed as set out in claim 1, forming the adjacent surfaces of the dovetailed joint between the two portions with serrations or teeth, allowing of movement of the upper wedge-portion in one direction, but preventing any reverse movement, substantially as specified.

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

No. 24517.—27th March, 1908.—ROBERT MORE SMITH, of Auckland, New Zealand, Pottery Yardman. An improved building-block.

*Claim.*—An improved building-block approximately of the shape of the letter "H" in sectional elevation, and having projecting portions on the top and bottom, the projections upon the top being upon the inside and upon the bottom on the outside of the block, substantially as specified and illustrated in the drawing.

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

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

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

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

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

J. C. LEWIS,  
Registrar.

*Provisional Specifications accepted.*

Patent Office,  
Wellington, 24th June, 1908.

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

- No. 23848.—J. H. Beamish, ventilating buildings.
- No. 24150.—M. Trenwith and H. H. Smith, punching eyelet-holes of boot-uppers.
- No. 24366.—H. V. Johansen, engine-piston.
- No. 24406.—A. A. Leman, building-block.
- No. 24418.—E. Brazenall, dredge.
- No. 24420.—D. G. Sutherland, mat-holder.
- No. 24425.—J. Meagher and A. W. Ellis, reinforced concrete.
- No. 24440.—J. Cook, boiler.
- No. 24442.—W. J. Robertson, brush-manufacture.
- No. 24443.—W. J. Robertson, brush manufacture.
- No. 24462.—H. W. McDonnell and A. G. R. Williams, lubricator.
- No. 24463.—E. D. Berry, distributing skim-milk, &c.
- No. 24461.—G. Forsyth, egg-carrier.
- No. 24465.—J. M. Willetts, bag-filler release.
- No. 24466.—R. McDonald, swingle-tree hook.
- No. 24463.—E. S. Wells, butter-cutter.
- No. 24470.—C. F. Pulley, rivet-hole drift.
- No. 24473.—W. Hamlyn and H. Miller, docking lambs.
- No. 24474.—A. G. Jackson, chaff-cutter riddle.
- No. 24479.—E. E. King, boot and shoe upper.

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

*Letters Patent sealed.*

LIST of Letters Patent sealed from the 6th to the 22nd June, 1908, inclusive:—

- No. 21970.—F. Arenas and J. Ross, temperature alarm, &c.
- No. 22087.—F. H. Jackson, gate.
- No. 22189.—H. Braby, atomizer.
- No. 22391.—H. Mote, extension-ladder.
- No. 22435.—J. Stewart, draught attachment for harvester.
- No. 22486.—W. E. Hughes, linotype. (Linotype and Machinery, Limited—W. H. Scharf.)
- No. 22508.—M. Audifren and the Société des Etablissements Singrun, refrigerator.
- No. 22513.—W. A. Caldecott, separating liquids from solids.
- No. 22549.—A. Falkner, suspension bridge.
- No. 22592.—J. H. and P. Walker, safety-tap.
- No. 22607.—F. W. Barton, cellar-lift.
- No. 22648.—T. H. Davidson, flax-scraper.
- No. 22657.—H. Mote, extension-ladder.
- No. 22731.—H. H. Johnson and E. Moin, gas-lamp lighter and extinguisher.
- No. 22747.—G. R. Hale, scaffolding-bracket.
- No. 22792.—J. M. Stewart, cash-book.
- No. 22869.—G. P. Jenkins, brine-cooler.
- No. 22939.—A. Gillies, teat-cup pulsator.
- No. 23122.—G. H. MacEwan, milk-agitator.
- No. 23351.—C. H. T. Alston, internal-combustion engine.
- No. 23476.—A. H. Byron and T. M. Scott, wool-press.
- No. 23514.—A. Ravelli, wave-motor.
- No. 23540.—F. C. White, kitchen-range.
- No. 23571.—N. Ceipek, safety explosive.
- No. 23622.—T. D. Cummins, baled goods temperature-indicator.
- No. 23662.—B. O. Roberts, sheet-metal roofing. (E. L. Cantwell.)
- No. 23684.—G. E. Dodd, gas-turbine.
- No. 23746.—C. North, willow and noxious weed exterminator.
- No. 23819.—The Karsam Soap Company, Limited, soap. (M. R. A. Samuel and A. A. Lookwood.)
- No. 23820.—Sir W. Palmer and F. E. Blackmore, dough-kneading, &c., apparatus.
- No. 23825.—J. C. L. Campbell, fruit treatment.
- No. 23852.—Monotype Machine (Colonial Patents) Syndicate, Limited, record strip composing-machine. (J. S. Bancroft and M. C. Indahl.)
- No. 23853.—Monotype Machine (Colonial Patents) Syndicate, Limited, keyboard mechanism for perforating, &c., machines. (J. S. Bancroft.)
- No. 23885.—E. S. Baldwin and H. H. Rayward, sheep-shearing cutter. (S. L. Johnson and W. E. Calvert.)
- No. 23967.—C. N. Westneat, temperature-indicator.
- No. 23981.—W. Hooker, air-supplier.
- No. 23993.—J. P. Mayne, milk and cream cooler.
- No. 24016.—W. Tyree, exterminating-apparatus.
- No. 24021.—L. de Matteis, current-supply system. (L. Perocchio.)
- No. 24087.—R. A. Martin, clothes-line.

*Letters Patent on which Fees have been paid.*

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

SECOND-TERM FEES.

- No. 17718.—W. E. Naunton and T. C. Palmer, method of printing music, &c. 16th June, 1908.
- No. 18027.—N. Ross, Californian pump. 11th June, 1908.
- No. 18099.—G. Moore, filter. 11th June, 1908.
- No. 18205.—W. King, bird-trap. 9th June, 1908.
- No. 18231.—The Leslie Walker Fire Alarm Company Limited, temperature alarm. (The Leslie Walker Instantaneous Fire Detector and Fire Indicator Company, Limited—C. L. Walker.) 17th June, 1908.

THIRD-TERM FEES.

- No. 13732.—Massey-Harris Company, Limited, reaping-machine. (L. M. Jones, C. McLeod, and W. J. Clokey.) 13th June, 1908.
- No. 13733.—Massey-Harris Company, Limited, harvester-apron. (L. M. Jones, C. McLeod, and W. J. Clokey.) 13th June, 1908.
- No. 13734.—Massey-Harris Company, Limited, cultivator. (L. M. Jones and C. McLeod.) 13th June, 1908.
- No. 13735.—Massey-Harris Company, Limited, mower. (L. M. Jones, C. McLeod, and W. J. Clokey.) 13th June, 1908.
- No. 13738.—J. Walker, turnip and root slicer. (J. Walker and R. F. Campbell.) 10th June, 1908.
- No. 13786.—Hall Signal Company, signal apparatus. (C. W. Coleman, J. A. Wilson, and L. Thomas.) 16th June, 1908.

No. 13850.—Ammonal Explosives, Limited, explosive. (J. Führer.) 9th June, 1908.

No. 13915.—J. Harrington, charging apparatus for locomotive tender. 19th June, 1908.

No. 13963.—N. A. Nathan and F. D. Buckley, tea-packer. 19th June, 1908.

**Subsequent Proprietors of Letters Patent registered.**

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

No. 18506.—Gilbert Ward Ireland, of 171 Queen Victoria Street, London, E.C., England, Gentleman, and Herbert Stanley Sugden, of 10 Ironmonger Lane, London, E.C., England, Solicitor. Process of producing ammonia. (H. C. Wolterack.) 10th June, 1908.

No. 19558.—Booth Macdonald and Company, Limited, a corporation registered under the Companies Act of New Zealand, and having a place of business at Christchurch, in the Dominion of New Zealand. Plough, &c., wheel-bearing. (W. Brew.) 9th June, 1908.

No. 20695.—Joseph Robert Hayward, of Christchurch, New Zealand, Manufacturer (of the firm of Hayward Bros., Limited). Milk pail and stool. (W. C. Quinnell.) 9th June, 1908.

No. 20973.—Steel Wings Windmill Company, Limited, of 107 Pitt Street, Sydney, New South Wales, Australia, Manufacturers. Windmill-frame. (C. J. McMaster.) 20th June, 1908.

No. 23476.—Thomas Millar Scott, of Wellington, in the Dominion of New Zealand, Wool Buyer. Registered as Proprietor of the interest of Andrew Herbert Byron. Woolpress. (A. H. Byron and T. M. Scott.) 12th June, 1908.

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

No. 22570.—United Shoe Machinery Company (advertised in Supplement to New Zealand Gazette, No. 10, of the 6th February, 1908).

To alter the word "different" to "difficult," line 17, page 2, and the word "impractical" to "impracticable," lines 17 and 18, page 2.

**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 10th to the 22nd June, 1908, inclusive:—

- No. 23281.—E. N. Heycock, trolley-pole retriever.
- No. 23285.—G. Barrett, rocking-horse tricycle.
- No. 23288.—E. Hayes, wire jenny.
- No. 23289.—F. W. Wise, billiard-chalk suspender.
- No. 23290.—F. W. Zercho, picture, &c., letter-card.
- No. 23297.—C. H. Roberts, marking preserve-tins, &c.
- No. 23298.—E. Hayes, post-lifter.
- No. 23302.—S. E. Bell, bucket, &c., attachment.
- No. 23307.—W. H. Riddell, adjustable tops for desks, &c.
- No. 23309.—F. G. Semb, feeding horses, &c.
- No. 23310.—W. H. Blackham, teat-cup.
- No. 23314.—J. R. Moore, collapsible table, &c.
- No. 23316.—E. N. Heycock, trolley-pole retriever.
- No. 23317.—A. Buchanan, bull-controller.
- No. 23319.—L. G. James, deodorising apparatus.
- No. 23324.—J. Howe, roofing-nail.
- No. 23329.—O. Stewart, electric-telegraph instrument.
- No. 23380.—L. Pickering, scaffold side-stay.
- No. 23332.—F. Sewell, increasing speed of vessels, &c.
- No. 23341.—A. A. George, necktie-frame (C. Wild).
- No. 23342.—M. McGinness, milking-machine.
- No. 23343.—B. B. Hitchcox, electric-current transformer.
- No. 23353.—E. P. Graham, flax-stripper.
- No. 23358.—W. F. Johns, cutting tin, &c.
- No. 23359.—F. de J. Clere, brick and steel, &c., work.

**Application for Letters Patent void.**

APPLICATION for Letters Patent, with which complete specification has been lodged, void owing to non-acceptance of such complete specification, from the 10th to the 23rd June, 1908, inclusive:—

Nil.

**Applications for Letters Patent lapsed.**

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 10th to the 23rd June, 1908, inclusive:—

- No. 22177.—E. Howlett, easy-chair.
- No. 22195.—T. Sutherland, cooking-vessel.
- No. 22196.—M. Fry, sheep-race.
- No. 22218.—W. J. Prouse, rusticated boarding.
- No. 22239.—R. R. Woodcock, flushing-apparatus.

**Letters Patent void.**

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 10th to the 23rd June, 1908, inclusive:—

**THROUGH NON-PAYMENT OF SECOND-TERM FEES.**

- No. 17643.—S. W. Thackeray, music keyboard.
- No. 17645.—M. M. Collins, F. L. Bosqui, and G. E. Collins, treating cyanide solutions. (W. H. Davis.)
- No. 17656.—F. W. Sears, printing on photo-negatives.
- No. 17657.—A. J. H. Burt, treating sheepskins.
- No. 17658.—O. M. Scholer, displaying picture advertisements, &c.
- No. 17662.—G. Sweetser, electric lamp and switch.
- No. 17664.—G. T. Booth and W. Brew, plough front-wheel lift.
- No. 17665.—G. T. Booth and W. Brew, skeith-buckle.
- No. 17667.—W. Trembath, horse-cover.
- No. 17672.—J. A. Jagger, theatre, &c., exit-door.
- No. 17679.—R. F. Smith, skylight.
- No. 17683.—A. L. J. Tait, washing, &c., flax.
- No. 17684.—J. Irvine, packing-case fastening.
- No. 17685.—F. W. Sears, half-tone lithographic plate.
- No. 17689.—H. Briggs, heel-nailing machine.
- No. 17695.—A. Adiasewich, treating shale-oil.
- No. 17696.—T. H. H. Widdicombe, butter-cutter.
- No. 19154.—E. R. Grote, M. V. Ely, and C. E. Foster, electric arc-lamp.

**THROUGH NON-PAYMENT OF THIRD-TERM FEES.**

- No. 13332.—J. Jamison, brake.
- No. 13478.—G. Hall, earmark.
- No. 13480.—S. Milnes and H. W. de Baugh, portable furnace.
- No. 13486.—Solar Motor Company, solar generator. (A. G. Eneas.)
- No. 13487.—United Shoe Machinery Company, boot-protector drum.
- No. 13489.—E. Hale, castrating-appliance.
- No. 14368.—F. J. Beaumont and W. M. Still, dynamo.

**THROUGH EXPIRY OF TERM.**

- No. 6917.—Rowliffes and Hilton, Limited, wire mattress. (F. Rowliffe.)

**Design registered.**

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

- No. 386.—David Moseley and Sons, Limited, of the Chapel-field Works, Ardwick, Manchester, in the County of Lancaster, England, India-rubber Manufacturers. Class 3. 16th June, 1908.

**Designs expired.**

THE copyright in the following designs has expired:—

- No. 183.—Harding and Billing, Auckland, New Zealand. (Letter-card.)
- No. 184.—Schatz and Co., Wellington, New Zealand. (Ring.)

*Applications for Registration of Trade Marks.*

Patent Office,  
Wellington, 24th June, 1908.

**A**PPPLICATIONS 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 : 7019.  
Date : 13th November, 1907.

TRADE MARK.



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

NAME.

CHARLES JAMES WALKER, of "Cloverfield," No. 238 McKean Street, North Fitzroy, near Melbourne, Victoria, in the Commonwealth of Australia, Boot-manufacturer.

No. of class : 37.  
Description of goods : Leather.

No. of application : 7020.  
Date : 13th November, 1907.

TRADE MARK.

(The mark as shown in preceding notice, No. 7019.)

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

NAME.

CHARLES JAMES WALKER, of "Cloverfield," No. 238 McKean Street, North Fitzroy, near Melbourne, Victoria, in the Commonwealth of Australia, Boot-manufacturer.

No. of class : 38.  
Description of goods : Boots and shoes.

No. of application : 7131.  
Date : 16th January, 1908.

TRADE MARK.

**R. MUSHET'S TITANIC**

NAME.

SAMUEL OSBORN AND Co., LIMITED, trading as "R. Mushet," of Clyde Steel Works, Sheffield, England, Manufacturers.

No. of class : 5.  
Description of goods : Iron and steel.

No. of application : 7132.  
Date : 16th January, 1908.

TRADE MARK.

(The mark as shown in preceding notice, No. 7131.)

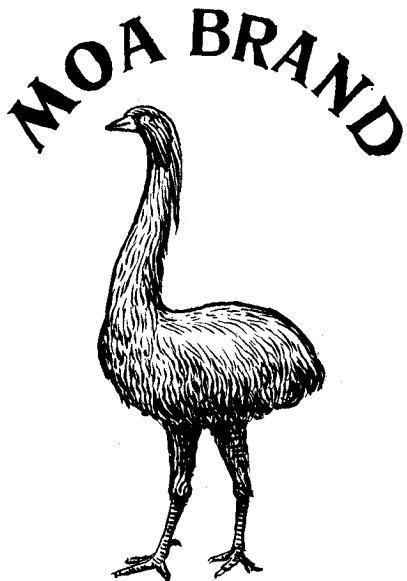
NAME.

SAMUEL OSBORN AND Co., LIMITED, trading as "R. Mushet," of Clyde Steel Works, Sheffield, England, Manufacturers.

No. of class : 6.  
Description of goods : Machinery of all kinds and parts thereof, including machine-knives, machine-tools, twist-drills, milling and other cutters, shear-blades, and similar goods included in this class and not included in other classes.

No. of application : 7261.  
Date : 7th April, 1908.

TRADE MARK.



The essential particulars of this trade mark are the representation of a moa bird and the word "Moa"; and any right to the exclusive use of the added matter is disclaimed.

NAME.

JOHN ADAMS AND Co., of Stanley Street, Auckland, in the Dominion of New Zealand, Manufacturers.

No. of class : 42.  
Description of goods : Ham, bacon, cured pork and other meats, preserved meats, lard, sausages, braun, extract of meat, meat-paste, spiced meat, salted meat, and frozen meat.

No. of application : 7304.

Date : 8th May, 1908.

TRADE MARK.



NAME.

WALTER TAINE, trading as "Taine's Chemical Stores Company," of Crawford Street, Dunedin, in the Dominion of New Zealand, Manufacturer and Importer.

No. of class : 2.

Description of goods: Veterinary medicines, disinfectant powders, disinfectant fluids, phenyle, sanitary fluids and powders, chloride of lime, cattle medicines and foods, deodorisers and vermin-destroyers, and horticultural preparations.

No. of application : 7341.

Date : 23rd May, 1908.

TRADE MARK.



NAME.

NORTH BRITISH RUBBER COMPANY, LIMITED, of Edinburgh, Scotland, Manufacturers of Rubber Goods.

No. of class : 40.

Description of goods: Goods manufactured from rubber.

No. of application : 7363.

Date : 4th June, 1908.

TRADE MARK.



NAME.

HELENA RUBINSTEIN, trading as "Helena Rubinstein and Co.," of 274 Collins Street, Melbourne, Victoria, in the Commonwealth of Australia, Importer.

No. of class : 48.

Description of goods: All goods included in this class.

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

No. of application : 7366.

Date : 5th June, 1908.

TRADE MARK.

The word

"ELMSHURST."

NAME.

COLOMBO COMMERCIAL COMPANY, LIMITED, Colombo, Ceylon, Merchants.

No. of class : 42.

Description of goods: Tea.

No. of application : 7367.

Date : 5th June, 1908.

TRADE MARK.

BRICE'S



FOR THE

GROWTH AND PRESERVATION  
OF

THE HAIR,

and is particularly recommended when the hair is falling off, from illness or relaxation of the skin, as it leaves the pores open, rendering the head free from scurf, and thereby precludes all possibility of the hair falling off.

DIRECTIONS: After a good brushing, saturate the head, well rubbing with the fingers.

*W. Brice & Son*

CHRISTCHURCH,  
NEW ZEALAND.

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

NAME.

W. BRICE AND SON, of Christchurch, Canterbury, in the Dominion of New Zealand, Hairdressers.

No. of class : 48.

Description of goods: A preparation for the hair.

No. of application : 7368.

Date : 5th June, 1908.



DOES NOT DRY ON THE FACE.

*W. Brice & Son*

CHRISTCHURCH, N.Z.

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

NAME.

W. BRICE AND SON, of Christchurch, Canterbury, in the Dominion of New Zealand, Hairdressers.

No. of class : 48.

Description of goods : Shaving-cream.

No. of application : 7369.

Date : 5th June, 1908.



Is specially prepared for the growth of the hair, removing dandruff and all other impurities.

The hair should be well brushed after the Cream has been rubbed into the scalp.

*W. Brice & Son*

CHRISTCHURCH, N.Z.

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

NAME.

W. BRICE AND SON, of Christchurch, Canterbury, in the Dominion of New Zealand, Hairdressers.

No. of class : 48.

Description of goods : A preparation for the hair.

C

No. of application : 7370.

Date : 5th June, 1908.



FOR THE

GROWTH AND PRESERVATION OF THE HAIR.

The hair should be well brushed after the Cream has been rubbed into the scalp.

*W. Brice & Son*

CHRISTCHURCH, N.Z.

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

NAME.

W. BRICE AND SON, of Christchurch, Canterbury, in the Dominion of New Zealand, Hairdressers.

No. of class : 48.

Description of goods : Preparation for the hair.

No. of application : 7372.

Date : 8th June, 1908.

The word

TRADE MARK.

"ELYSIAN."

NAME.

THOMAS WHITE, of Waiareka Junction, Oamaru, in the Dominion of New Zealand, Egg Merchant.

No. of class : 3.

Description of goods : A medicine.

No. of application : 7375.

Date : 9th June, 1908.

The word

TRADE MARK.

"COMPRESU."

NAME.

W. S. THOMSON AND CO., LIMITED, of Sidney Road, Homerton, London N.E., England, Corset and Busk Manufacturers.

No. of class : 38.

Description of goods : Corsets.

No. of application : 7376.

Date : 9th June, 1908.

**TRADE MARK.**

(The mark as shown in preceding notice No. 7341.)

**NAME.**

NORTH BRITISH RUBBER COMPANY, LIMITED, of Edinburgh, Scotland, Manufacturers of Rubber Goods.

No. of class : 38.

Description of goods : Gum boots and shoes.

No. of application : 7377.

Date : 8th June, 1908.

**TRADE MARK.**

The word

**"ELYSIAN."**

**NAME.**

THOMAS WHITE, of Waiareka Junction, Oamaru, in the Dominion of New Zealand, Egg Merchant.

No. of class : 42.

Description of goods : Eggs.

J. C. LEWIS,  
Registrar.

*Trade Marks registered.*

**L**IST of Trade Marks registered from the 12th June to the 24th June, 1908, inclusive :—

- No. 5671/7004.—J. Cooke and Co. Class 42. (*Gazette* No. 2, of the 9th January, 1908.)  
 No. 5672/7117.—Laxo-Tonic Pill Company. Class 3. (*Gazette* No. 21, of the 19th March, 1908.)  
 No. 5673/6714.—The Carborundum Company. Class 50. (*Gazette* No. 79, of the 5th September, 1907.)  
 No. 5674/6715.—The Carborundum Company. Class 50. (*Gazette* No. 79, of the 5th September, 1907.)  
 No. 5675/6788.—H. Becker. Class 47. (*Gazette* No. 91, of the 17th October, 1907.)  
 No. 5676/6794.—Cammell, Laird, and Co., Limited. Class 6. (*Gazette* No. 98, of the 14th November, 1907.)  
 No. 5677/6831.—Standard Sanitary Manufacturing Company. Class 13. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5678/6832.—Dorothy Dodd Shoe Company. Class 38. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5679/6833.—Tarr and Wanson, Limited. Class 1. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5680/6840.—The Beldam Packing and Rubber Company. Class 50. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5681/6841.—The Beldam Packing and Rubber Company. Class 50. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5682/6842.—The Beldam Packing and Rubber Company. Class 50. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5683/6843.—The Beldam Packing and Rubber Company. Class 50. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5684/6844.—The Beldam Packing and Rubber Company. Class 50. (*Gazette* No. 72, of the 8th August, 1907.)  
 No. 5685/6864.—Bunnythorpe Dairy Company, Limited. Class 42. (*Gazette* No. 75, of the 22nd August, 1907.)  
 No. 5686/6881.—The Delta Metal Company, Limited. Class 5. (*Gazette* No. 79, of the 5th September, 1907.)

- No. 5687/6882.—Cæmentium (Parent) Company, Limited. Class 50. (*Gazette* No. 79, of the 5th September, 1907.)  
 No. 5688/7154.—Bidwell, Bidwell, and Co. Class 50. (*Gazette* No. 10, of the 6th February, 1908.)  
 No. 5689/7202.—J. S. Thomson. Class 42. (*Gazette* No. 71, of the 5th March, 1908.)  
 No. 5690/7268.—Wallace and Keesing. Class 42. (*Gazette* No. 31, of the 16th April, 1908.)

*Trade Mark Renewal Fees paid.*

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

- No. 1142/1218 and 1143/1219.—4th June, 1908.—S. Barningham, T. McCormack, and E. T. O'Connell (trading as Barningham & Co.), Dunedin, N.Z. 23rd June, 1908.  
 No. 1155/917.—15th June, 1908.—W. Moore, Carterton, N.Z. 9th June, 1908.  
 No. 1156/935.—16th June, 1908.—Smith and Smith, Dunedin, N.Z. 18th June, 1908.  
 No. 1164/919.—28th June, 1908.—The Westinghouse Brake Company of Australasia, Limited (The Westinghouse Brake Company, Limited, London). 17th June, 1908.  
 No. 1187/1116.—19th July, 1908.—James Anderson and Co., Wellington, N.Z. 22nd June, 1908.  
 No. 1201/1125.—2nd August, 1908.—Ross and Glendining. 8th June, 1908.  
 No. 1222/946.—4th September, 1908.—Brown, Campbell, and Co., Auckland, N.Z. 4th June, 1908.  
 No. 1231/1051.—6th September, 1908.—H. E. Patridge and Co., Auckland, N.Z. 15th June, 1908.

*Trade Marks removed from the Register.*

**T**RAD E Marks removed from the Register owing to the non-payment of the renewal fee, from the 10th to the 23rd June, 1908, inclusive :—

- No. 1075/815.—12th March, 1894.—W. Morgan, of Robinson's Bay, N.Z. Class 42.  
 No. 1076/1047.—13th March, 1894.—C. Warne, of Ashhurst, N.Z. Class 42.  
 No. 1083/944.—19th March, 1894. Ceylon Co-operative Tea Gardens Company of Colombo, Ceylon. Class 42.  
 No. 1084/877.—19th March, 1894.—H. N. Heath, of Tawa Flat, N.Z. Class 3.  
 No. 1088/1020.—19th March, 1894.—A. M. Dawson and Co., of Orepuki, N.Z. Class 42.

*Request for Amendment of Trade Mark Application.*

**N**O. 7246.—Bray Bros. (advertised in Supplement to *New Zealand Gazette*, No. 31, of the 16th April, 1908.)  
 To amend the statement of goods by adding the words "but not oil cake."

*Advertisements.*

**A**DVERTISEMENTS are charged at the rate of 6d. per line for the first insertion, and 3d. per line for the second and any subsequent insertion.

All advertisements should be written on one side of the paper, and signatures, &c., should be written in a legible hand.

The number of insertions required must be written across the face of the advertisement.

Communications should be addressed to the Government Printer, Wellington, to whom post-office money-orders should be made payable. Cheques should be crossed "Public a/c," and exchange added.

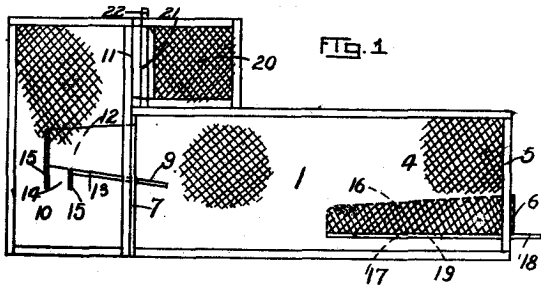
Postage or duty stamps cannot be received in payment from any place at which postal notes or post-office orders are issued.

Prepayment may be demanded in any case. In order to prevent delay in publication a sufficient remittance should accompany every advertisement. Any surplus will be returned with receipted account.

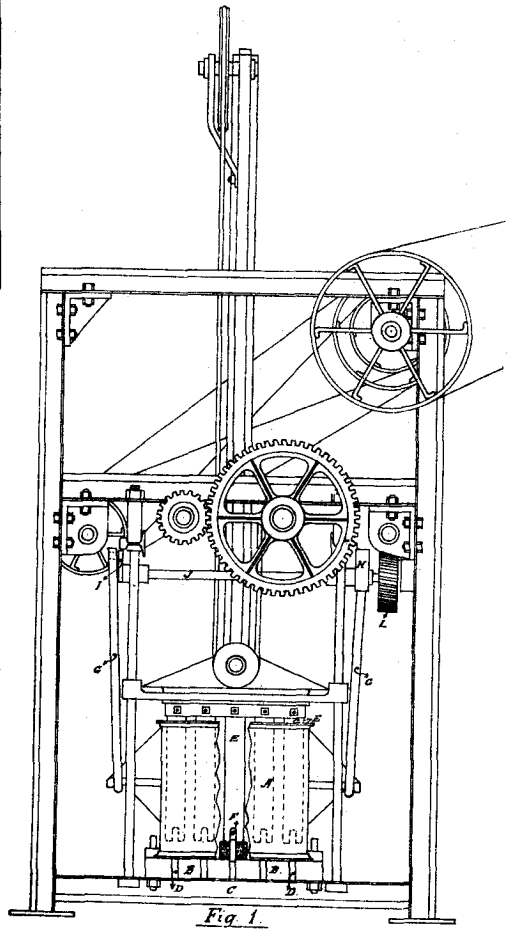
By Authority : JOHN MACKAY, Government Printer, Wellington.

# ILLUSTRATIONS OF INVENTIONS.

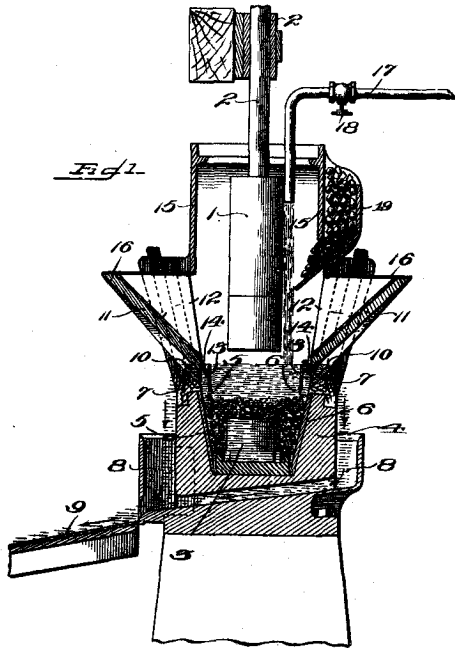
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



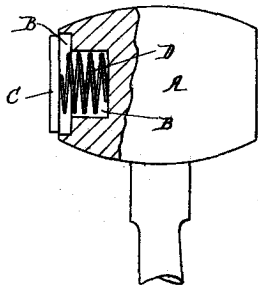
23066  
Frew. Bird-trap.



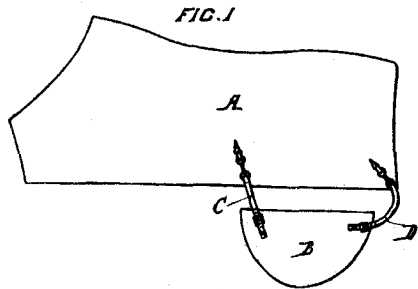
23084  
Kershaw. Hop-press.



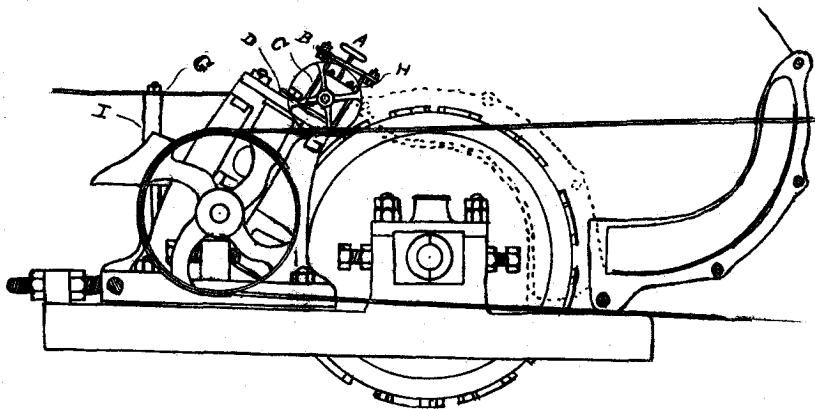
22758  
Hood. Ore-treatment.



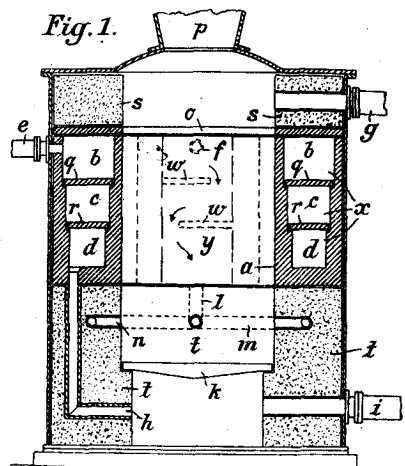
22272  
Belk. Brand.



23308  
Ambury. Cow-cover.



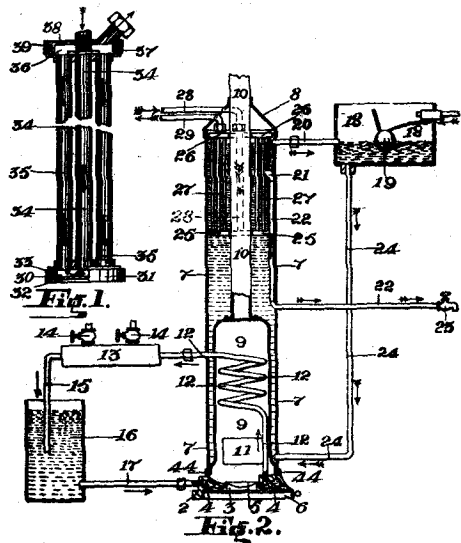
23243  
Melharry. Emery for Stripper.



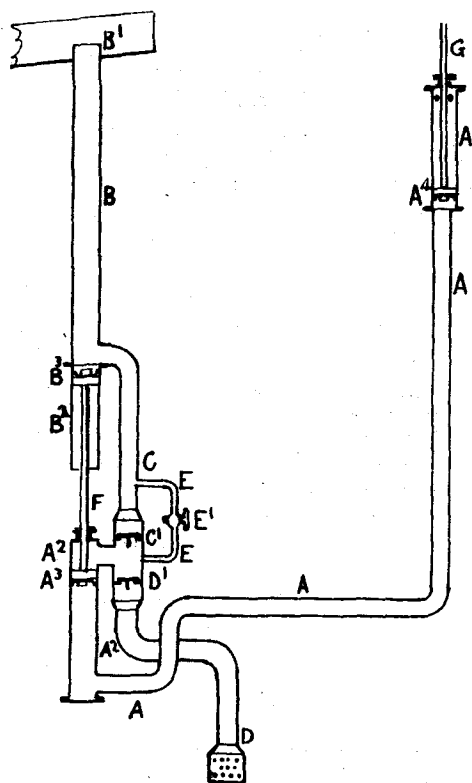
23192  
Hutmacher. Water Gas-generator.



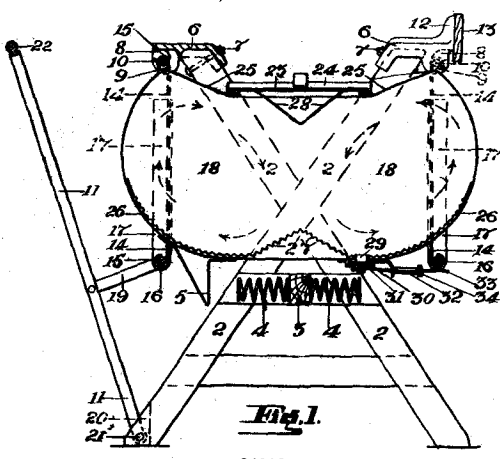




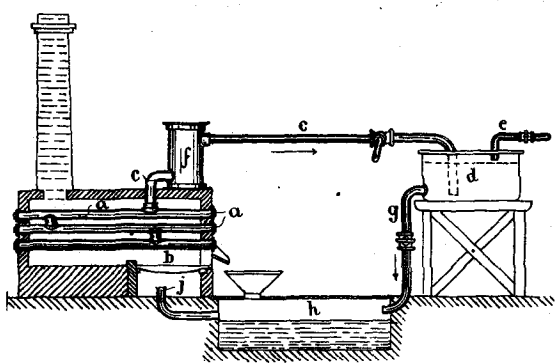
24337  
Ponninghaus. Liquid-heater.



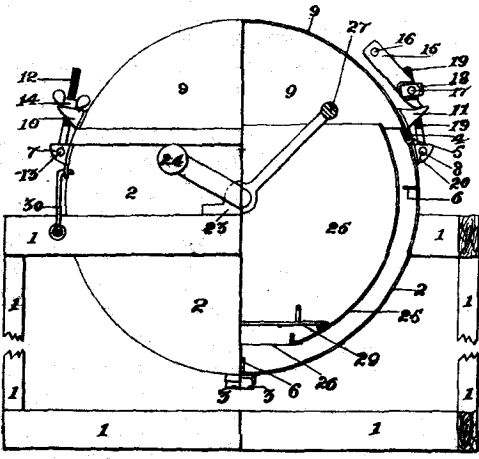
24349  
Symes. Pump.



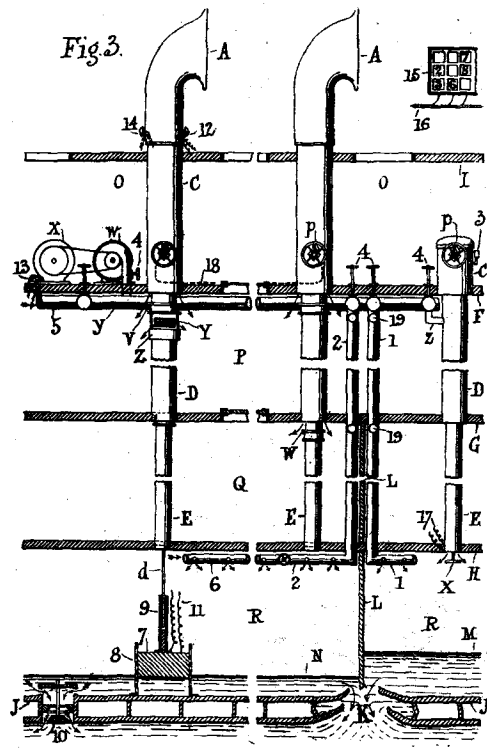
24338  
Ponninghaus. Clothes-washer.



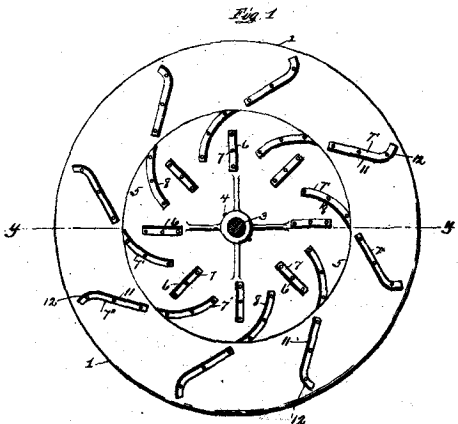
24351  
Harrison. Fertiliser Manufacture.



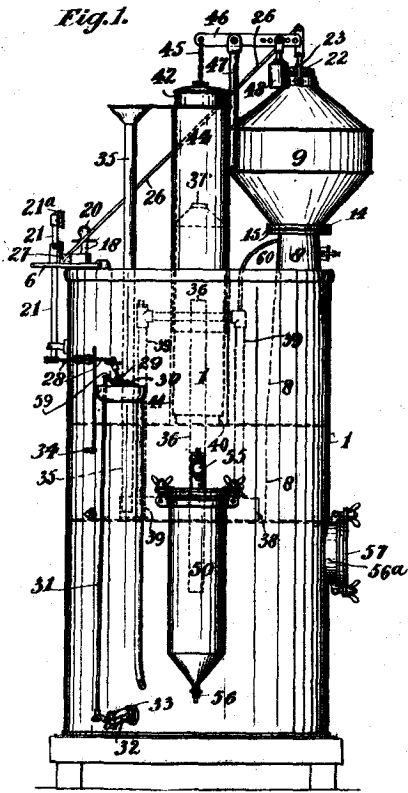
24339  
A. M. Ponninghaus. Washing-machine. (W. B. D. Ponninghaus.)



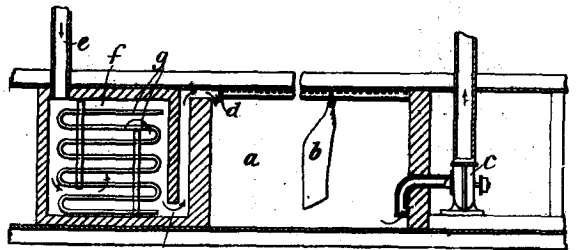
24384  
Blackwell. Ship-ventilator.



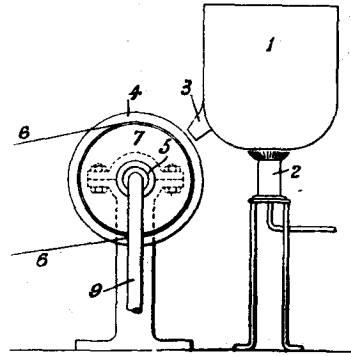
24386  
Snee. Power Motor.



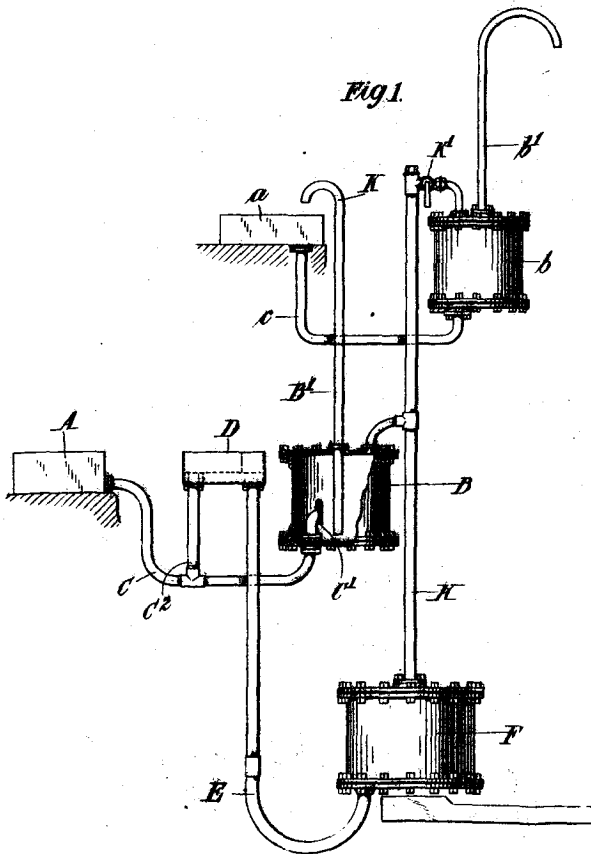
23578  
Kilgour. Acetylene-generator.



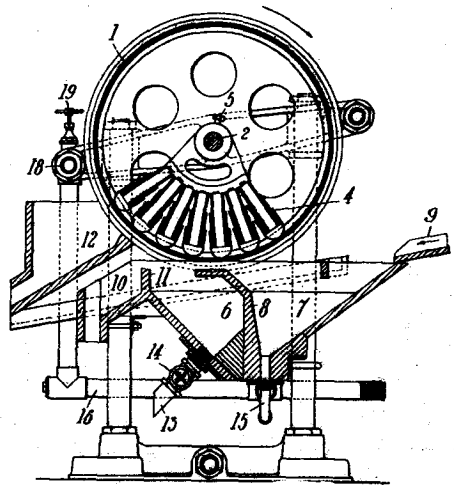
23881  
Houlder Bros. and Co., Ltd., and G. Anderson. Cool Store.



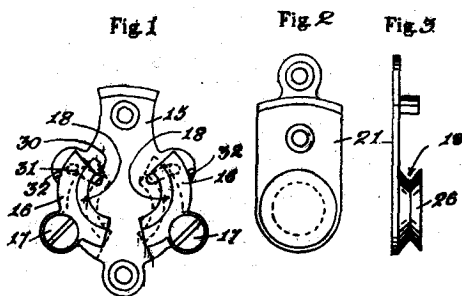
24200  
Strange and Pim. Thin Metal-sheet Manufacture.



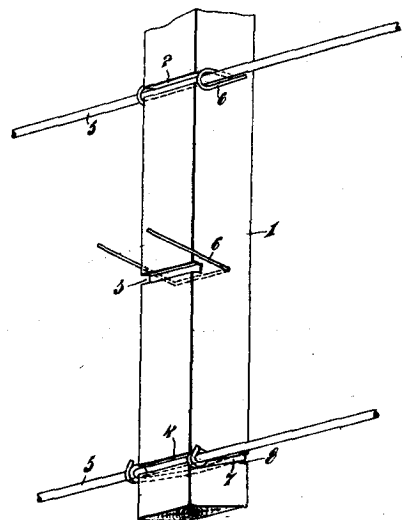
24018  
Auto-Hydraulic Ltd. Elevator. (Hodder.)



24302  
Ohrn. Magnetic Separator.



24081  
Sturgess. Bearing.



24311  
Williams. Fencing-dropper.