

# Patents, Designs, and Trade Marks

## SUPPLEMENT

TO THE

# NEW ZEALAND GAZETTE

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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.	Hungary with Bosnia and Herzegovina.
Austria.	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.*	Trinidad and Tobago.
	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 adherence 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, 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.

## Celebration of St. George's Day and St. David's Day.

Department of Internal Affairs, Wellington, 16th April, 1912.

THE Government offices throughout the Dominion will be closed on Tuesday, the 23rd April, 1912, in celebration of St. George's Day and St. David's Day.

G. W. RUSSELL,  
Minister of Internal Affairs.

## Specifications open to Public Inspection before Acceptance.

(In accordance with the arrangements made between Australia and New Zealand.)

[The specifications may be inspected at the Patent Office, Wellington, on payment of a search fee of 1s. per hour.]

(NOTE.—The date given is the prior date applied for.)

NO. 30289.—1st April, 1911.—R. J. Fry, horse-shoe-shaping machine.  
No. 30865.—11th April, 1911.—F. G. Browne, ships' hull-cleaning machine.  
No. 31085.—3rd April, 1911.—E. G. Godfree, telephone-system toll-recorder.

## Applications for Letters Patent filed.

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

Ranginui, I., Kakahi, N.Z.	.. .. .	Railway-carriage sleeping-accommodation* ; 31102 ; 29th March.
Ranginui, I., Kakahi, N.Z.	.. .. .	Travelling-trunk* ; 31103 ; 29th March.
Ranginui, I., Kakahi, N.Z.	.. .. .	Clothes-banger* ; 31104 ; 29th March.
Andrews, W., Christchurch, N.Z.	.. .. .	Window-sash raising, &c.* ; 31105 ; 29th March.
Andrews, W., Christchurch, N.Z.	.. .. .	Chaffcutter* ; 31106 ; 29th March.
Park, D., Otekaieke, N.Z.	.. .. .	Chaffcutter-blade sharpener ; 31107 ; 29th March.
Hill, F., Christchurch, N.Z.	.. .. .	Paper bag ; 31108 ; 29th March.
Bachelor, E. W., Little River, N.Z.	.. .. .	Saucepan-lid lifter ; 31109 ; 29th March.
Black, S., Waiuku, N.Z.	.. .. .	Mail-bag-mouth securing ; 31110 ; 29th March.
Watres, L. S., Scranton, U.S.A.	.. .. .	Collar ; 31111 ; 27th March.
Newth, F. E., Wellington, N.Z.	.. .. .	Lubricating-apparatus* ; 31112 ; 30th March.
Field, J. C., Orange, U.S.A.	.. .. .	Meat-dish, &c. ; 31113 ; 30th March.
Pearce, R. F., Liverpool, Eng.	.. .. .	Train-signal circuit ; 31114 ; 30th March, 1911.†
Blanford, J., Wellington, N.Z.	.. .. .	Gas-fume and flue-dust collection* ; 31115 ; 30th March.
Kelly, F. J., Martinborough, N.Z.	.. .. .	Vehicle-brake ; 31116 ; 30th March.
Robertson, A. B., New Plymouth, N.Z.	.. .. .	Non-refillable bottle ; 31117 ; 30th March.
Phillips, E., Melbourne, Vic. ( <i>Gesellschaft für Drahtlose Telegraphie m.b.H.—Meissner, A.</i> )	.. .. .	Teat-cup claw ; 31118 ; 30th March.
Phillips, E., Melbourne, Vic. ( <i>Gesellschaft für Drahtlose Telegraphie m.b.H.—Von Arco, G. G.</i> )	.. .. .	Electric-circuit spark-gap* ; 31119 ; 29th March.
Phillips, E., Melbourne, Vic. ( <i>Gesellschaft für Drahtlose Telegraphie m.b.H.—Brackerbohm, F.</i> )	.. .. .	Wireless-installation* ; 31120 ; 29th March.
Turner, C. A. P., Minneapolis, U.S.A.	.. .. .	Wireless-telegraph mast* ; 31121 ; 29th March.
Greenwell, R., Huntly, N.Z.	.. .. .	Reinforced-concrete construction* ; 31122 ; 1st April.
Toon, C., Christchurch, N.Z.	.. .. .	Pneumatic tire ; 31123 ; 1st April.
Angus, A. R., Minehead, Eng.	.. .. .	Gas-main closing* ; 31124 ; 1st April.
Requa European Motor Company, New York, U.S.A. ( <i>Coles, D. H., and Charavay, F.</i> )	.. .. .	Railway safe-running device* ; 31125 ; 2nd April.
Witty, H. K., Beenleigh, Queens.	.. .. .	Internal-combustion engine* ; 31126 ; 2nd April.
Witty, R. J. L., Beenleigh, Queens.	.. .. .	Cow-tail holder ; 31127 ; 2nd April.
Williamson, W., Yatala, Queens.	.. .. .	Cow-tail holder ; 31127 ; 2nd April.
Barrett, C., Melbourne, Vic.	.. .. .	Cow-tail holder ; 31127 ; 2nd April.
Cranny, J. P., Melbourne, Vic.	.. .. .	Talking machine cabinet ; 31128 ; 2nd April.
Sambell, F. O. W., Melbourne, Vic.	.. .. .	Talking-machine cabinet ; 31128 ; 2nd April.
Dahl, K. M., San Francisco, U.S.A.	.. .. .	Talking-machine cabinet ; 31128 ; 2nd April.
Hatton, F., Timaru, N.Z.	.. .. .	Hydrocarbon-feeding to furnace* ; 31129 ; 12th June, 1911.†
Toler-Curtis, E. A., Wellington, N.Z.	.. .. .	Moulding-machine ; 31130 ; 29th March.
Suttic, C., Palmerston North, N.Z.	.. .. .	Ladies' hat securing ; 31131 ; 2nd April.
Cayley-Alexander, W. E., Auckland, N.Z.	.. .. .	Flax-scutcher ; 31132 ; 3rd April.
Dupree, J. A., Auckland, N.Z.	.. .. .	Mine-ventilation ; 31133 ; 29th March.
Walker, R. B., Christchurch, N.Z.	.. .. .	Lattice, &c., work* ; 31134 ; 29th March.
Godward, E. R., Invercargill, N.Z.	.. .. .	Petrol-tin-tapping device* ; 31135 ; 1st April.
Richardson, H., Brighton, Vic.	.. .. .	Hoe ; 31136 ; 2nd April.
Morgan, R. C., Dunedin, N.Z.	.. .. .	Saw-gauge* ; 31137 ; 13th June, 1911.†
Bennet, W., Dunedin, N.Z.	.. .. .	Bag and parcel carrier* ; 31138 ; 2nd April.
Juarez, J. S., Mexico, Mex.	.. .. .	Bag and parcel carrier* ; 31138 ; 2nd April.
Myers, A., Sydney, N.S.W.	.. .. .	Wheel-tire* ; 31139 ; 2nd April.
Harcastle, J., Timaru, N.Z.	.. .. .	Apron and overall ; 31140 ; 4th April.
Scott, W., Christchurch, N.Z.	.. .. .	Bicycle-propelling ; 31141 ; 2nd April.
Hamlin, E. A. G., Napier, N.Z.	.. .. .	Label and fastener ; 31142 ; 3rd April.
Dickinson, J., Dunedin, N.Z.	.. .. .	Sash, fanlight, &c., movement ; 31143 ; 4th April.
Millis, J. H., Dunedin, N.Z.	.. .. .	Tire, &c., protector ; 31144 ; 9th April.
Reed, W. C., Avondale, N.Z.	.. .. .	Tire, &c., protector ; 31144 ; 9th April.
Jacobsen, O. T. C., Auckland, N.Z.	.. .. .	Floor-cloth, &c., polish* ; 31145 ; 4th April.
De Launay, L., Inglewood, N.Z.	.. .. .	Window-lock* ; 31146 ; 4th April.
Plotzker, B., Glasgow, Scot.	.. .. .	Railway-crossing signal ; 31147 ; 9th April.
Quertier, H., St. Kilda, Vic.	.. .. .	Shirt* ; 31148 ; 9th April.
	.. .. .	Time and speed indicator, &c.* ; 31149 ; 9th April.

Lewthwaite, A., Warragul, Vic. . . . .	Iron column* ; 31150 ; 9th April.
Hevs, J., Sydney, N.S.W. . . . .	Dust, draught, &c., excluder* ; 31151 ; 10th April.
Firth, T., Wellington, N.Z. . . . .	Cow's-leg holder* ; 31152 ; 10th April.
Natural Colour Kinematograph Company, Limited, London, Eng. ( <i>Urban, C.</i> ) . . . . .	Kinematograph apparatus* ; 31153 ; 11th April.
Roberts, C. P., Timaru, N.Z. . . . .	Boot-polish, &c., tin holder ; 31154 ; 11th April.
Churchward, H. L., Wellington, N.Z. . . . .	Sack-lifting grip ; 31155 ; 11th April.
Thermo-Electric Company, San Francisco, U.S.A. ( <i>Shoenberg, M. H.</i> ) . . . . .	Electric water-heater* ; 31156 ; 11th April.
Howard, C. W., Gisborne, N.Z. ( <i>Moore, J.</i> ) . . . . .	Sock or stocking ; 31157 ; 4th April.
Cumming, F., Gisborne, N.Z. ( <i>Moore, J.</i> ) . . . . .	Sock or stocking ; 31157 ; 4th April.
McGregor, Dunedin, N.Z. . . . .	Fire-grate, &c. ; 31158 ; 12th April.

#### Complete Specifications filed after Provisionals.

[LIST of complete specifications filed after provisional specifications from the 29th March to the 11th April, 1912, inclusive:—

- No. 29647.—P. Lanigan, vehicle-brake.  
 No. 29691.—United Shoe Machinery Company, tacking, &c., machine. (F. L. Mackenzie and J. B. Hadaway.)  
 No. 29816.—C. Suttie and M. H. Wynyard, tow-collecting.  
 No. 29819.—E. P. Wainwright, oil-economizing.  
 No. 29826.—Booth, Macdonald, and Co., Limited, wind-mill-gearing. (C. G. Whitaker.)  
 No. 29829.—W. Sim, tin-can-cap, &c., securing.  
 No. 29831.—P. J. Griffin and W. H. Coe, billy, &c.  
 No. 29946.—W. Bailey, clean water securing.  
 No. 29950.—G. Toyne and L. E. Downey, clothes-hoist.  
 No. 30280.—G. V. Beck, book-hanger.

#### Notice of Acceptance of Complete Specifications.

Patent Office,

Wellington, 17th April, 1912.

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

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

No. 29481.—8th May, 1911.—PETER ROBINSON, Carpenter, and ENDELL WANKLYN, Commission Agent, both of Foxton, New Zealand. Flax-tailing clipper.\*

*Extract from Specification.*—The invention consists, broadly, in the employment of a stationary knife-blade or block, across the edge of which the flax-tails are dragged by the chain, in conjunction with a rotating knife blade or blades, which in their rotation pass across the stationary blade and thereby sever the portion of the blade hanging over its edge.

(Specification, 3s. 3d.)

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

No. 29503.—2nd May, 1911.—SCOTT SYMINGTON, of Invercargill, New Zealand, Electrical Engineer. Improvements in section-insulators for overhead electric trolley-lines.\*

*Extract from Specification.*—The principal objects of the improvements are to provide an insulator in which the insulation is supplied by means of ordinary strain insulators, and so applied that the strain of the trolley-wire is transmitted directly to and in the same plane as the axis of the insulators, thereby relieving all strain on the body of the insulator, excepting tensional ones, and providing perfect insulation in a cheap form. These objects are attained by the use of two metal brackets or plates (*aa*), arched in shape and with tongues (*bb*) on the under-side, along which the trolley-wheel runs. The trolley-wire (*cc*) is attached to one end of each of these brackets by the clamping blocks and nuts (*dd*) in a direct line with the tongues on the under-side and so as to attain a smooth under-running surface. (Specification, 1s. 9d.)

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

No. 29704.—9th June, 1911.—MILDRED ANNIE TRENT, of Christchurch, New Zealand, Spinster. A combined coffee- and milk-urn.\*

*Extract from Specification.*—The appliance designed consists of a bottom chamber, preferably of cylindrical form, adapted to contain water and to be supported or built over a gas-burner or other heating-apparatus. A second chamber is constructed to fit into and rest upon the top of the bottom chamber so as to close such top, being supported therein by means of a ledge extending out from the side of the upper chamber and resting on the edge of the lower chamber. Each chamber is provided with a draw-off tap opening through its side, and arranged near the bottom thereof.

(Specification, 2s. 6d.)

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

No. 29730.—16th June, 1911.—ALFRED COOPER, of Palmerston North, New Zealand, Farmer. Improved adjusting-gear for ploughs.\*

*Claim.*—(1.) In a plough, pulleys mounted near the land-wheel stalk, a chain passing around one of the pulleys from below, and attached at one end to the top of the stalk, and connected at its other end to a rod attached to a lever, a chain passing around the other pulley from above, and attached at one end to the bottom of the stalk, and connected at its other end to a rod attached to the said lever, as set forth.

(Specification, 2s. 9d.)

[NOTE.—Here follow two other claims.]

No. 29787.—21st June, 1911.—SAMUEL BARR, of Onehunga, New Zealand, General Engineer and Implement-manufacturer. Improved attachment for mowing-machines.\*

*Extract from Specification.*—This invention provides for an improved finger or shoe attached to the outside of the finger or cutting-bar of a mower or reaper, the aforesaid finger or shoe carrying a skeath or knife to cut a clean track in the grass or crops, so as to draw the swath clear from the part of the crop uncut.

(Specification, 1s. 9d.)

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

No. 29795.—28th June, 1911.—JOHN OWEN GARDNER, of Glorit, Auckland, New Zealand, Engineer. An apparatus for removing rushes, tussocks, and the like from the land.\*

*Extract from Specification.*—This invention provides for an apparatus for removing rushes, tussocks, and the like from the land, and consists essentially of a horizontal knife or blade mounted crossways between two runners, the knife or blade being curved upwards at its ends, and operated by levers, one of which is so adjusted that it will depress the knife as far as desired, a second lever being also provided in order that the knife may be lifted or raised when necessary or desirable.

(Specification, 2s. 6d.)

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

No. 30046.—18th August, 1911.—GEORGE WILLIAM HUTCHINSON, of Walton, Waikato, Auckland, New Zealand, Farmer. Improvements in steering and adjusting apparatus for implements such as ploughs, turnip-thinners, rotary-disc ploughs, and the like.\*

*Claim.*—(1.) In combination, the plough-beam, the wheel-stalk, means for slidably connecting said beam and stalk, a screwed rod for operating said slidable connection, the worm-wheel, the worm-pinion engaged therewith, the spindle upon which said worm-pinion is fixed, one part of a universal joint-coupling secured thereon, the steering-rod, the other part of the coupling, and means for rotating the steering-rod, substantially as and for the purpose specified, and illustrated in the drawing.

(Specification, 4s. 6d.)

[NOTE.—Here follow five other claims.]

No. 30047. — 18th August, 1911. — GEORGE WILLIAM HUTCHINSON, of Walton, Waikato, Auckland, New Zealand, Farmer. Improvements in levers for implements such as ploughs, cultivators, and the like.\*

*Extract from Specification.*—I provide an operating-arm pivoted upon the fulcrum of the lever and connected thereto by a pivoted screw passing through a nut pivoted in the lever. The arm has a spring-returned pawl engaging the notches of a quadrant rack. For rough adjustments the spacing of the notches of the rack is relied upon in the ordinary way. Fine adjustments are made by turning the nut.

(Specification, 2s. 9d.)

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

No. 30068. — 22nd August, 1911. — HENRY HOARE and JOHN THOMAS EVANS, both of Gisborne, New Zealand. Improvements relating to the utilization of oil fuel.\*

*Extract from Specification.*—A steam-pipe and nozzle are introduced into the pipe containing oil or tar, which has been previously raised in temperature to about boiling-point, in a special tank by means of a steam-coil. The oil or tar thus superheated is forced by the steam or air jet into the furnace and ignited. A refractory material, such as firebrick, is employed to act as a catalytic agent to further intensify and conserve the heating-power of the material used. In addition to causing the steam-pipe to pass through the tar-pipe, the tar-pipe may be taken through the steam-pipe, when the same action will result. That is, the superheating and raising of the tar to about boiling-point previous to its discharge from the vaporizing-tube.

(Specification, 4s. 6d.)

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

No. 30378. — 20th October, 1910.† — WILBURN NORRIS DENNISON, of corner of Front and Cooper Streets, Camden, New Jersey, United States of America, Mechanician. Improvements relating to talking-machines.

*Claims.*—(1.) A talking-machine in which the sound-box is supported by a sound-conveyor, or other support, arranged to swing in a plane substantially at right angles to the plane of the record, as the sound-box travels across the record, substantially as described. . . . (4.) A talking-machine comprising a sound-box adapted to travel across the record, supported by a swinging sound-arm, wherein the sound-box is caused to travel substantially in a straight line, the movements of the sound-box and sound-arm being in planes at right angles to one another, substantially as described. . . . (7.) A talking-machine comprising a sound-arm pivoted to swing in a vertical plane, a tubular connecting-piece at the upper end of the sound-arm and adapted to allow the sound-arm to perform a turning movement with regard thereto, a sound-box pivoted to the connecting-piece, and means for holding the said connecting-piece in substantially a horizontal position so that it does not revolve as the sound-arm swings, substantially as described.

(Specification, 9s.)

[NOTE.—Here follow two other claims.]

No. 30569. — 22nd December, 1910.† — MARTIN O'DONOGHUE, of Glen Innes, New South Wales, Australia, Miner, and JAMES FREDERICK WHITE, of Shannon Vale, near Glen Innes aforesaid, Pastoralist. Improved appliance for sheep and cattle and other loading.

*Claims.*—(1.) An improved appliance for sheep and cattle and other loading comprising an endless floor consisting of sections hinged together, wheels to carry the sections, upper and lower rails for said wheels to ride on, a casing or foundation to support said rails and side guides, tumblers to drive the endless floor, and devices for imparting motion to either or each of said tumblers, substantially as described and explained. (2.) In appliances for sheep and cattle and other loading, an endless floor consisting of sections hinged together by axles which pass through the lugs of end links on each section, carry supporting wheels up, and are adapted to be received in the jaws of a revolving tumbler, substantially as described and explained. (3.) In appliances for sheep and cattle and other loading, the combination with the parts or integers set forth in the preceding second claim, of a tumbler at each end of the appliance, having sets of jaws adapted to receive the joining axles of the floor and carry said floor round in its travel, and devices for revolving one of said tumblers to impart motion to said floor, substantially as described and explained.

(Specification, 6s. 9d.)

[NOTE.—Here follow four other claims.]

No. 30735. — 16th January, 1912. — HENRIE HAMPTON RAYWARD, of the firm of Baldwin and Rayward, 215–216 Lambton Quay, Wellington, New Zealand, Patent Attorney (nominee of Condensite Company of America, of Glen Ridge, New Jersey, United States of America, assignees of Jonas Walter Aylsworth, of 223 Midland Avenue, East

Orange, County of Essex, New Jersey, in the United States of America). Improvements in and relating to phenolic condensation products.

*Claims.*—(1.) A process of forming a hard fusible phenol resin, consisting in causing a reaction between a phenol and formaldehyde, or its equivalents, by the application of heat, and so regulating the relative proportions of these substances and the temperature that in the product all the formaldehyde is in combination with the phenol, there is a small quantity of uncombined phenol, and no portion of the product has become hardened to the infusible condition, the product on the completion of the reaction being preferably rendered completely anhydrous, as by heating the same to about 400° Fahr. for a suitable period, substantially as described. (2.) A process of forming a hard infusible product, consisting in incorporating with a fusible phenol resin a sufficient quantity of formaldehyde (preferably polymerized) to combine with all the resin, and heating the mass sufficiently to bring about the hardening reaction, substantially as described. (3.) A method of carrying out the process of claim (2), consisting in causing a sufficient quantity of formaldehyde, or other methyleneating agent, in gaseous form absorbed within and to penetrate the fusible phenol resin, and then heating the mass sufficiently to bring about the hardening reaction, substantially as described. . . . (25.) A printing or embossing plate composed of an infusible insoluble condensation product of a phenol and a methyleneating agent, capable of becoming plastic when heated, substantially as described. (26.) A plate composed of a phenolic condensation product having a replica of an engraving or print formed on its surface, with the points or lines of the same filled with a suitable colouring-material, substantially as described.

(Specification, £3 7s. 6d.)

No. 30835. — 7th February, 1912. — EDWARD JOHN ERSKINE, of Margaret Street, Sydney, New South Wales, Australia, Electrical Engineer (nominee of Robert Francis Venner, of 6 Old Queen Street, Westminster, London, England, Manufacturer). Improvements in and relating to artificially or naturally lighted signs.

*Claims.*—(1.) Improvements in and relating to artificially or naturally lighted signs, consisting of a screen having located therein spherical bodies, secured in position by a locking-member engaging with said screen, and a groove or depressions in each of said bodies, and a reflecting-surface positioned rearwardly and parallelly to said screen, as ascertained. (2.) In signs of the class specified, spherical bodies, each of which has one portion of larger maximum diameter than the remaining portion, and the perforation in the screen in which it is located, the latter portion of said bodies being grooved or provided with depressions adapted to receive a locking-member that engages with that face of the screen opposite to the one engaging with the maximum diameter of said body, as ascertained. (3.) In signs of the class specified, the combination with a perforated screen having located therein spherical bodies such as claimed in claim (2), of a reflecting-surface positioned rearwardly and parallelly to said screen, and constituted of fluted glass with or without a coloured backing, as ascertained and explained.

(Specification, 5s. 6d.)

[NOTE.—Here follow two other claims.]

No. 30903. — 19th February, 1912. — FRANK WYNON VICKERMAN, of St. John's Hill, Wanganui, New Zealand, Manager. Method of and apparatus for drying casein.\*

*Extract from Specification.*—The casein is broken into small pieces, which are spread upon trays, the bottoms of which are of canvas, or perforated or woven metal secured to wooden frames. The trays are superposed, and one or a plurality of tiers are supported in angle-iron racks fixed upon trollies, the trays being readily removable so that one or other of them may be removed without interfering with the others. The trollies are run upon rails into a heating-chamber, which may be of brick or other material properly insulated, and a blast of air heated to about 120° to 140° Fahr. is passed through the chamber, entering at the end opposite to which the trolley is run in, the trolley being passed through the chamber from one end to the other, thereby ensuring that the warmest air is directed upon the driest casein. The blast of air must be sufficient to completely change the current of air in the chamber ten times in every minute—for instance, a chamber of 50 ft. long by 5 ft. wide and 5 ft. high would require 12,500 cubic feet of air per minute. The air is heated in any well-known form of air-heater, and is carried through the chamber by a blower or other usual means.

(Specification, 2s. 6d.)

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

No. 30946.—3rd November, 1911.—ALEXANDER CHRISTIE, of Farquhar Street, Junction, near Newcastle, New South Wales, Australia, Commercial Traveller. Improved machine for packing butter into boxes.

*Extract from Specification.*—According to this invention, an improved machine for packing butter into boxes by compressing and sizing it into blocks, and pressing these into boxes, comprises a receiving-tube having a reciprocating plunger therein, a compression-tube as a continuation of said receiving-tube and tapering to its discharge, a sizing-tube in communication with and at right angles to said compression-tube and containing a reciprocating plunger, a removable end to said sizing-tube, devices for securing the box with are against the open side, the open end of the sizing-tube, and mechanism for reciprocating the two before-mentioned plungers. (Specification, 4s. 9d.)

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

No. 30955.—28th February, 1912.—HERBERT EDWARD COOPER ROBINSON, of Phillip Street, Sydney, New South Wales, Australia, Publisher. Improvements in metallographic and lithographic printing processes.

*Claims.*—(1.) A process for producing a printing-surface on metal or stone which consists in preparing a grained metal plate or stone slab with a resist-film sensitive to light, and exposing the same directly to light transmitted through a photographic line or half-tone plate made from the original to be reproduced, developing and inking up the image thus printed on the plate or slab, removing the surplus film, clearing the plate, and preparing the same for surface-printing, substantially as described. (2.) The described method or process by which an original is reproduced in variable dimensions on a metallographic plate or lithographic stone, and made to form a printing-surface thereon, which consists essentially in obtaining a line stipple or screen photographic plate from such original, printing therefrom by transmitted light a sensitized film applied to a prepared metallographic plate or lithographic stone, developing the film so printed, inking up the lines, removing the surplus film, and clearing and preparing the plate so as to leave the surface thereof exposed in condition for metallographic or lithographic printing, substantially as described. (Specification, 5s. 9d.)

No. 30956.—28th February, 1912.—FRANZ SCHERRER, of Humboldtstrasse 18, Bonn on the Rhine, Germany, Director. Improvements in fire-escapes.

*Claims.*—(1.) A fire-escape characterized by the provision of a landing surrounded on the outside by a railing that automatically adjusts itself at the height of the window-sill of each floor, and whereon persons escaping can pass without suffering from dizziness, the landing being so connected with the escape that the persons escaping can pass from it through an aperture provided therein to the escape, and thus reach safety. (2.) A constructional modification of the fire-escape in accordance with the preceding claim, characterized by the fact that the landing is formed of jointed elements that, when in the non-operative condition, can be folded together with the escape into the wall, and that when there is danger from fire automatically assume the operative position as soon as the escape has been turned out. (3.) A constructional modification of the fire-escape in accordance with the two preceding claims, characterized by the fact that the landing and the railings appertaining thereto, when not in use, can be folded into a vertical plane. (Specification, 12s.)

[NOTE.—Here follow fifteen other claims.]

No. 30973.—13th April, 1911.—JAMES TROUP HORNE, of 43 Highfield South, Rock Ferry, Chester, England, Master Mariner and Marine Superintendent. Improvements in and connected with means of communicating with or obtaining access to the holds or chambers of ships.

*Claims.*—(1.) Means of communicating with, or obtaining access to, the holds or chambers of ships, and between their decks, consisting of an openwork structure in the form of and adapted to serve as ladders, comprising upright stanchions or pillars, and horizontal bars, constituting rungs, extending between the stanchions or pillars, or between parts of same, and which together constitute a ladder-way, substantially as set forth. (2.) Means of communicating with, or obtaining access to, the chambers or holds between the decks of a ship, from the upper deck to the bottom, and to the tanks in the bottom of the ship, consisting of the ladder structure, comprising upright stanchions or pillars, and horizontal bars constituting rungs, substantially as set forth, with reference to and shown in the drawings. (Specification, 7s. 6d.)

No. 30982.—6th March, 1912.—THOMAS AUGUSTUS DRING, of "Sunny Bank," Trowbridge, Wilts, England, Accountant. Improvements in flying-machines.

*Extract from Specification.*—According to my present invention, the lifters have a plurality of blades or vanes, all of which are radially or approximately radially arranged and inclined in the direction of their path of rotation (*i.e.*, with their tips in advance of their roots), and are provided with means for preventing the inflow of any air at their roots or bases, whereby the flow of the discharged air at the desired angle is not disturbed. I find that the lifters have greatest efficiency when the shape of the blades or vanes is such that their outer edges form a straight-sided cone having an angle of from 80° to 90°, and when each opposed pair of lifters employed on the ship have their axes inclined from one another each at an angle of from 40° to 45° to the vertical. (Specification, 5s. 9d.)

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

No. 30990.—6th March, 1912.—STANISLAUS KUCHARSKI, of Weidmannslust, near Berlin, Germany, Engineer. Improved process and apparatus for printing cinematograph-films.

*Claims.*—(1.) The process for printing negative cinematograph-films by projection which consists in holding the film-strip by suitable tensioning-means with its emulsion-free side against the printing-window while it is passing through the printing-apparatus, substantially as described. (2.) An apparatus for carrying out the process claimed in claim (1), comprising balance-weights or similar suitable means for pulling in opposite directions, fitted to the shafts of the rollers at the ends of the film-strip, substantially as and for the purpose described. (3.) An apparatus for printing series cinematograph-films by copying the still wet negative, comprising a suitably supported stock-roller, means for giving said stock-roller a lateral displacement during its rotation, a feed toothed wheel engaging with the film, a guide-roller in co-operation with said feed-wheel and holding the film thereto, and a water-tank into which the film is passed, substantially as described. (Specification, 3s. 6d.)

[NOTE.—Here follow four other claims.]

No. 30994.—5th March, 1912.—THOMAS LAURITS LANGEVAD, of Auckland, New Zealand, Carpenter. Improved method of building flights of concrete or other steps.

*Claims.*—(1.) In an improved method of building flights of concrete or other steps, the steps other than the top and bottom steps, formed separately and of a triangular formation, with the back edge of the tread formed at right angles to the step-back, and also having a horizontal portion and a shoulder at right angles to the step-back formed at the bottom corner, in the manner and for the purpose set forth, as described and illustrated. (2.) In an improved method of building flights of concrete or other steps, the top step formed with a horizontal portion and a shoulder at right angles to its back, at the lower corner, and also having a projecting horizontal portion formed on to the back of the tread, in the manner and for the purpose set forth, as described and illustrated. (3.) In an improved method of building flights of concrete or other steps, the bottom step formed with a flat base and an angular surface or edge at the upper rear corner, in the manner and for the purpose set forth, as described and illustrated. (Specification, 3s. 6d.)

[NOTE.—Here follows one other claim.]

No. 30999.—7th March, 1912.—LOUIS FELIZAT, of Salon, Bouches-du-Rhone, France. Improvements in furnaces for burning the commercial residues of different industries, especially in oil-works, for the purpose of obtaining wood-charcoal.

*Claim.*—(1.) Each compartment is divided (by means of slabs suitably inclined to the horizontal, and forming baffles, and arches, more or less curved, and either perforated or not perforated) into three parts, a combustion-chamber in which the orifices for the supply of air open on the face of the furnace, a carbonizing-chamber situated below, and at the bottom a discharging and quenching chamber, the slabs and arches (together with their inclinations) being combined in such a manner as to automatically regulate the descent of the combustible substances for the purpose of assuring the complete combustion of their volatile contents and of preventing the formation of scoria. (Specification, 8s. 6d.)

[NOTE.—Here follow two other claims.]

No. 31011.—7th March, 1912.—HUGH MUNRO WILSON, of Auckland, New Zealand, Civil Engineer. Improved method of forming concrete sewers.

*Claim.*—(1.) The improved method of forming concrete sewers by using as a mould for the lower half of the sewer the semicircular sheet-iron crown provided with side lugs,

the crown being adapted to be afterwards inverted to support the top half of the sewer and to be left permanently therein, in the manner and for the purpose set forth, as described and illustrated. (Specification, 4s. 3d.)

[NOTE.—Here follows one other claim.]

No. 31015.—9th March, 1912.—COLIN CHARLES ROBERTSON, Factory-manager, and ARTHUR MANLEY, Factory-manager, both of Ngaere, Taranaki, New Zealand. Improvements in milk-cocks.

Claims.—(1.) In a milk-cock, forming the wings integral with the bridge, substantially as specified, and illustrated in the drawing. (2.) In a milk-cock, connecting the wings to the main casting of the cock by hooks engaging projecting pins, substantially as specified, and illustrated in the drawing. (3.) In combination, the wings connected by the integrally formed bridge, and the hooks upon the ends of said wings adapted to engage over pins on the cock-casting, substantially as specified, and illustrated in the drawing. (4.) For the purpose indicated, the parts constructed, arranged, combined, and operating substantially as specified, and illustrated in the drawing. (Specification, 1s. 9d.)

No. 31046.—16th March, 1912.—GEORGE WILLIAM HUTCHINSON, of Walton, Waikato, Auckland, New Zealand, Farmer. Improvements relating to levers and quadrant racks therefor.

Extract from Specification.—A spring-returned bracket is adapted to slide radially with, and is adjustable relatively to, the quadrant rack. A roller carried by a pawl sliding upon the lever engages a projection having an inclined face and moves the bracket against the action of a spring, the pressure upon the pawl tends to force it into the notch. (Specification, 4s. 6d.)

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

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

An asterisk (\*) denotes the complete specification of an invention for which a provisional specification has been already lodged. A dagger (†) denotes a prior date upon the International and Intercolonial Arrangements.

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

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

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

J. C. LEWIS,  
Registrar.

#### Provisional Specifications accepted.

Patent Office.

Wellington, 11th April, 1912.

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

- No. 29787.—S. Barr, mowing-machine attachment.  
No. 30871.—C. R. Hyde and R. Hood, gas-tap, electric switch, &c.  
No. 30888.—A. Campbell, bicycle-driving gear.  
No. 30921.—E. Schultz, vehicle-shock absorbing.  
No. 30934.—C. Bristow, aerial toy.  
No. 30935.—R. A. Abel and F. W. Pattison, washhand-basin holder.  
No. 30947.—W. H. Lawrence, liquids-discharging, &c.  
No. 30957.—E. A. Parker, non-refillable bottle.  
No. 30958.—United Shoe Machinery Company, boot-last-making machine. (J. Gouldbourn and A. Bates.)  
No. 30962.—F. Goodhead, machinery-belt.  
No. 30968.—F. Bates, wearing-apparel pocket.  
No. 30971.—R. M. Baddeley, skeleton frame and receptacle.  
No. 30974.—W. J. Beard, tool for taking levels in road-making.  
No. 30975.—S. H. Ramsbotham, acetylene-generator.  
No. 30976.—J. B. Warner, concrete block.  
No. 30986.—F. A. Johnson, acetylene-generator.  
No. 30987.—T. Hurd, draught-preventer.  
No. 30988.—D. Gillespie, jun., bedstead-rail attaching.  
No. 30992.—C. Mills, knife, &c., cleaner.

No. 30995.—W. J. Jenkin and W. J. Ellison, chair stay and rack.

No. 30996.—C. A. McCoy, telephone-mouthpiece disinfector.

No. 31001.—T. W. May, ship-steering apparatus.

No. 31005.—E. H. Luke, window-counterbalancing.

[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 29th March to the 6th April, 1912, inclusive:—

- No. 28903.—J. E. Preston, galvanic battery.  
No. 28905.—W. Houliker, cask-manufacture.  
No. 28958.—J. Beadle, metal, wood, &c., protecting compound.  
No. 28994.—A. MacDonald and W. A. Young, wheel.  
No. 29072.—J. Byrne, fireplace, &c.  
No. 29156.—R. P. Hill, water-pipe cleaning.  
No. 29677.—J. J. Charley, vehicular construction.  
No. 29723.—S. Levy, boot or shoe.  
No. 29762.—J. D. Smith, scaffolding-hanger.  
No. 29971.—J. Stewart, metal label.  
No. 30238.—E. C. Reynolds, time-limit lock.  
No. 30453.—S. A. Thackray, medicine.  
No. 30465.—O. J. W. Higbee, vacuum-wall receptacle.  
No. 30473.—V. Nightingall, electric-heat controller.  
No. 30530.—H. Edgar, rock-drill.  
No. 30533.—S. Williams, ore-separation.  
No. 30571.—W. H. Bauert, oilcan.  
No. 30521.—J. T. Norton, yeast food and bread improver.  
No. 30608.—C. P. Wohlers, grain-drill attachment.  
No. 30613.—A. W. Cooper and S. H. Watts, cultivator-share.  
No. 30619.—G. N. Larkin, crockery-washer.

#### Letters Patent on which Fees have been paid.

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

LIST of Letters Patent on which fees have been paid from the 29th March to the 11th April, 1912, inclusive:—

#### SECOND-TERM FEES.

- No. 24219.—J. W. Wallace and W. J. Graham, spring-bed wire fabric. (A. H. Schmidt.) 1st April, 1912.  
No. 24241.—G. Robson, automatic gas-light controller. 4th April, 1912.  
No. 24259.—M. Saunders, sea motor. 11th April, 1912.  
No. 24269.—E. H. Strange and C. A. Pim, metal, &c., foil, &c., manufacture. 2nd April, 1912.  
No. 24284.—C. Suttie and M. H. Wynyard, fibre-cleansing. 9th April, 1912.  
No. 24302.—The Gröndal Kjellin Company, Limited, magnetic ore-separation. (G. E. Ohren.) 10th April, 1912.  
No. 24316.—J. F. Taylor and S. Pick, fire-escape, crane, &c. 11th April, 1912.  
No. 24317.—R. Falkiner, universal joint, &c. 10th April, 1912.  
No. 24344.—C. Suttie and M. H. Wynyard, hold fibre on wire. 9th April, 1912.  
No. 24346.—C. Suttie and M. H. Wynyard, flax-dressing. 9th April, 1912.  
No. 24352.—Associated Fire Alarms, Limited, electric fire-alarm and thermo-indicator. (The Pearson Fire-alarm, Limited—A. H. McNeil.) 11th April, 1912.  
No. 24358.—I. Geary, neckwear. 28th March, 1912.  
No. 24481.—W. A. van Berkel, meat-slicing-machine-knife sharpening. 3rd April, 1912.  
No. 25676.—J. Taylor, hat and sweat-band. 11th April, 1912.  
No. 25697.—F. A. Beal, turned shoes. 3rd April, 1912.  
No. 25761.—Richard Johnson Clapham and Morris, Limited, brickwork-reinforcing bond, &c. (W. H. Johnson.) 11th April, 1912.  
No. 26436.—The Westinghouse Brake Company, Limited, railway brake. (J. W. Cloud.) 11th April, 1912.

#### THIRD-TERM FEES.

- No. 19560.—H. V. Blake, hydraulic ram. 11th April, 1912.  
No. 19633.—Minerals Separation, Limited, ore-concentration. (H. L. Sulman, H. F. Kirkpatrick-Picard, and J. Ballot.) 3rd April, 1912.  
No. 19634.—Minerals Separation, Limited, ore-concentration. (H. L. Sulman, H. F. Kirkpatrick-Picard, and J. Ballot.) 3rd April, 1912.

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

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

**N**O. 29042.—Rotary Excavator, Limited, a company registered under the provisions of the Companies Acts of New South Wales, and having its head office at Sydney, New South Wales, Australia. Lifting-crane. (C. Christie.) 2nd April, 1912.

No. 29520.—William Thomas Charley, of Richmond, in the State of New South Wales, Commonwealth of Australia, Grazier. Wheeled vehicle and carrier. (J. J. Charley.) 11th April, 1912.

**Request for Amendment of Application for Letters Patent allowed.**

**T**HE request to amend application for Letters Patent No. 29406 (advertised in Supplement to *New Zealand Gazette*, No. 23, of the 7th March, 1912) has been allowed.

**Notice of Request to amend Specification.**

Patent Office,

Wellington, 11th April, 1912.

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

No. 30649.—21st December, 1911.—G. J. Hoskins, application for preparing moulds for casting iron pipes. (Advertised in Supplement to *New Zealand Gazette*, No. 10, of the 8th February, 1912.)

The nature of the proposed amendments is as follows:—

(1.) To omit claims 1 and 2, lines 28 to 31, page 7, and lines 1 to 10, page 8, and to insert instead the following:—

“1. In apparatus for preparing the moulds for casting iron pipes, in combination, a central island or tower, an annular turntable concentric with and adapted to revolve around the lower part of the central tower, an annular rail on the top surface and near the external edge of the annular turntable, a segmental carriage adapted to revolve around the upper part of the central tower upon the annular rail on the turntable, a scaffold rising from the part of the segmental carriage most remote from the tower, a pillar projecting upwards from the centre of the tower, and a jib-crane adapted to swing in a horizontal plane upon the pillar, all as and for the several purposes herein specifically set forth.”

(2.) To alter claims Nos. 3, 4, 5, to Nos. 2, 3, 4.

(3.) To omit the words “a fixed central island or tower as set forth in claims 1 and 2,” lines 12 and 13, and lines 24 and 25, page 8.

(4.) To alter “the” to “a central,” lines 14 and 26, page 8.

My reason for making these amendments are as follows:—

“Since filing my application for Letters Patent I have received certain information, in consequence of which I am of opinion that the scope of my claims is too wide. I therefore desire to limit the said claims by way of amendment.”

J. C. LEWIS,  
Registrar.

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

**N**O. 30110.—Wolseley Sheep Shearing Machine Company, Limited, sheep-shearing machine. (J. Burke and J. T. Walton.) (Advertised in Supplement to *New Zealand Gazette*, No. 3, of the 11th January, 1912.)

To insert after “Hunter’s Hill, near Sydney,” the word “Works.”

**Application for Letters Patent opposed.**

**N**OTICE of opposition has been filed in the following case:—

No. 30639.—F. Bedford and C. E. Williams, conversion of unsaturated fatty acids into saturated compounds. Opposed by J. Crosfield and Sons, Limited, and W. Normann.

**Applications for Letters Patent abandoned.**

**L**IST of applications with which provisional specifications only have been filed, abandoned (*i.e.*, complete specifications not lodged) from the 29th March to the 12th April, 1912, inclusive:—

No. 29335.—M. E. Budge, preventing mouth-breathing in children.

No. 29619.—J. B. Robertson, lowering-tackle for lifeboat.

No. 29620.—P. Phillips, billiard-table cushion.

No. 29623.—R. J. Kitching, tin-opener.

No. 29625.—T. Garland and R. Gambrill, milk-can strainer.

No. 29630.—B. Whitham, attaching lifebuoy to ships’ rails.

No. 29633.—V. J. McNulty, wire coiler and uncoiler.

No. 29636.—B. Y. Goring and J. McGurk, cover for bowls.

No. 29637.—R. E. Nicholls, “breather” for crank-case of internal-combustion engine.

No. 29638.—R. D. Jameson, lamp.

No. 29640.—A. H. Wright, water-heater and steam-generator.

No. 29643.—W. H. and A. I. Jones, cooking utensil.

No. 29644.—A. McLaurin, loading timber into trucks.

No. 29645.—A. E. Bastard, gate-fastener.

No. 29646.—I. G. McFarlane, concrete building.

No. 29659.—F. de J. Clere, concrete-construction.

No. 29661.—T. Branton, bar for wheel-scoop.

No. 29662.—H. K. McDougall, steam-propulsion.

No. 29666.—V. Sorenson, circular saw.

No. 29667.—W. E. Hunter, cow’s-tail holder.

No. 29668.—J. E. Wilkins and G. E. Tyler, door-stop.

No. 29670.—A. H. Wright, advertisement-display regulator.

No. 29671.—A. H. Wright and H. W. H. Wells, advertising-medium.

No. 29673.—J. H. Clarke, bird-trap.

No. 29676.—R. E. N. Matthews, aeroplane.

No. 29678.—J. J. Charley, vehicular construction.

No. 29679.—N. Ogden, butter, &c., box.

No. 29686.—C. J. H. Thomson, flax-catcher.

No. 29687.—J. O. Galbally, milk-releaser.

No. 29692.—W. Fitzgerald, vermin-trap.

No. 29693.—C. L. Parrington, drawing-board.

No. 29697.—J. A. Walker, sash-frame.

No. 29701.—H. F. Sherwood-King, screw-nail.

No. 29703.—M. E. Budge, preventing accidental unreeling of cotton, &c.

No. 29706.—W. Lewis, acetylene lamp and generator.

No. 29707.—R. McGaffin, earth, &c., loader.

No. 29711.—J. E. Friend, oil-gas motor.

No. 29713.—R. Lambie, jun., and G. S. Edlin, milking-machine pulsator.

No. 29718.—N. C. Marshall, account form, &c.

**Application for Letters Patent void.**

**A**PPPLICATION for Letters Patent, with which complete specification has been lodged, void owing to non-acceptance of such complete specification, from the 29th March to the 11th April, 1912, inclusive:—

No. 28934.—E. Thaster, washboard.

**Applications for Letters Patent lapsed.**

**A**PPPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 29th March to the 11th April, 1912, inclusive:—

No. 28335.—G. and F. W. Philpot, stump-puller.

No. 28366.—W. McRae, plough.

No. 28392.—W. T. Oliver, gas-control valve.

No. 28396.—New Zealand Hemp Process and By-Products Company, Limited, flax-stripper. (W. G. Richardson.)

No. 28513.—P. W. Jackson, game apparatus.

No. 28521.—J. Coupe, kerosene-pump attachment.

No. 28524.—J. M. Cameron, window-hanging.

No. 28525.—J. H. Suckling, internal-combustion engine.

No. 28526.—W. E. H. de Baugh, scaffold-bracket.

**Letters Patent void.**

**L**IST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 29th March to the 12th April, 1912, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 23705.—T. Bolton, disinfecting-apparatus.

No. 23865.—J. H. Beamish, roofing.

- No. 23871.—J. Ford, perambulator.  
 No. 23872.—A. F. Hadecke, threshing-machine.  
 No. 23874.—A. D. Wilson, recovering minerals, &c.  
 No. 23875.—F. W. Cullimore, billiard-table.  
 No. 23877.—J. A. Boyd, game.  
 No. 23878.—J. A. Boyd, step-ladder.  
 No. 23880.—W. C. Johnson, water-distributor.  
 No. 23881.—Houlder Bros. and Co., Limited, and G. Anderson, storing of chilled meat.  
 No. 23885.—Yorkshire Wool and Leather Company, Limited, cutter for sheep-shearing. (E. S. Baldwin and H. H. Rayward—S. L. Johnson and W. E. Calvert.)  
 No. 23887.—J. L. Cloudsley, jun., gas-meter.  
 No. 23890.—H. H. MacIntosh and G. H. Baylis, advertising-device.  
 No. 23895.—O. L. Ahrens, P. A. Schmitt, C. Mosle, and K. A. M. Wepfer, meat-preserving process.  
 No. 23911.—R. Cairns, electrical plug.  
 No. 25421.—F. T. A. Jackson, detachable shirt-collar.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

- No. 18920.—C. B. Smith, gear numbering and recording machine.  
 No. 18947.—British Westinghouse Electric and Manufacturing Company, Limited, alternating-current Watt-meter. (J. P. Campbell—F. Conrad and W. M. Bradshaw.)  
 No. 18955.—J. Strathern, J. W. Bailey, T. B. Clay, and C. J. Parr, haulage and pumping appliance. (W. Moorcraft.)  
 No. 20371.—D. Robertson, postmarking-machine.

THROUGH EXPIRY OF TERM.

Nil.

Applications for Trade Marks filed.

LIST of applications for registration of Trade Marks filed from the 29th March to the 11th April, 1912, inclusive:—

- No. 10329.—29th March.—A. Newcomb and Co., Auckland, N.Z. Class 40.  
 No. 10330.—29th March.—Dominion Corset Company, Quebec, Canada. Class 38.  
 No. 10331.—29th March.—H. Price and Co., Limited, Wellington, N.Z. Class 42.  
 No. 10332.—30th March.—Compagnie Francaise de la Chamoiserie Nouvelle, Paris, France. Class 37.  
 No. 10333.—30th March.—Compagnie Francaise de la Chamoiserie Nouvelle, Paris, France. Class 38.  
 No. 10334.—1st April.—E. Petrie, Plymouth, Eng. Class 8.  
 No. 10335.—1st April.—Wardell Bros. and Co., Wellington, N.Z. Class 42.  
 No. 10336.—2nd April.—British-American Tobacco Company, Limited, London, Eng. Class 45.  
 No. 10337.—2nd April.—G. J. Macaura, London, Eng. Class 11.  
 No. 10338.—2nd April.—A. Reed, Limited, London, Eng. Class 38.  
 No. 10339.—2nd April.—Incorporated Printsellers' Association, London, Eng. Class 39.  
 No. 10340.—2nd April.—Barracough Herbal Proprietary, Limited, Wellington, N.Z. Class 3.  
 No. 10341.—3rd April.—O'Leary Bros. and Downs, Auckland, N.Z. Class 46.  
 No. 10342.—3rd April.—Four Oaks Spraying Machine Company, Birmingham, Eng. Class 7.  
 No. 10343.—4th April.—Wertheim Piano Factory Proprietary, Limited, Melbourne, Vic. Class 9.  
 No. 10344.—4th April.—Hutchinson's Scales Australasia, Limited, Christchurch, N.Z. Class 6.  
 No. 10345.—9th April.—J. Hearsh and Co., Leicester, Eng. Class 38.  
 No. 10346.—9th April.—W. Gossage and Sons, Limited, Widnes, Eng. Class 1.  
 No. 10347.—9th April.—Leyland and Birmingham Rubber Company, Limited, Leyland, Eng. Class 40.  
 No. 10348.—9th April.—J. D. Riedel Aktiengesellschaft, Berlin, Ger. Class 1.  
 Nos. 10349, 10350, and 10351.—9th April.—A. G. Winstone, Wanganui, N.Z. Classes 48, 3, 3.  
 Nos. 10352, 10353, and 10354.—10th April.—Vinolia Company, Limited, London, Eng. Classes 48, 48, and 47.  
 No. 10355.—11th April.—Natural Color Kinematograph Company, Limited, London, Eng. Class 8.  
 No. 10356.—11th April.—H. F. Moss, Dunedin, N.Z. Class 17.  
 No. 10357.—11th April.—H. H. Hancock, London, Eng. Class 50.

Applications for Registration of Trade Marks.

Patent Office,  
Wellington, 11th April, 1912.

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: 10246.  
Date: 27th February, 1912.

TRADE MARK.



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

NAME.

STUDD AND MILLINGTON, of 51 Conduit Street, London, England, Sporting Tailors and Overcoat Specialists.

No. of class: 38.  
Description of goods: Articles of clothing.

No. of application: 10269.  
Date: 4th March, 1912.

TRADE MARK.



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

NAME.

BEATH AND CO., LIMITED, of 146, 148, 150 Cashel Street, Christchurch, in the Dominion of New Zealand, Drapers, &c.

No. of class: 38.  
Description of goods: Ladies' blouses and other ready-made clothing.

No. of application: 10299.  
Date: 19th March, 1912.

TRADE MARK.



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

NAME.

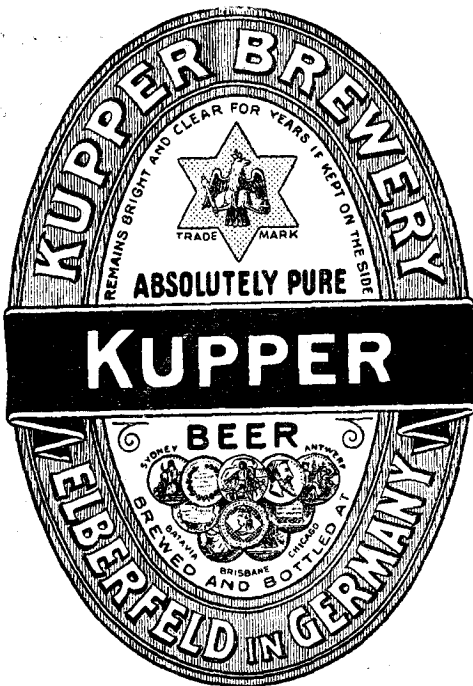
The firm of G. EDMONDS, of Soho Hill Works, Hockley Brook, Birmingham, England, Manufacturers.

No. of class: 14.  
Description of goods: Imitation jewellery.



No. of application : 10320.  
Date : 28th March, 1912.

TRADE MARK.



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

NAME.

WICKULER-KUPPER-BRAUEREI, ACTIEN-GESELLSCHAFT, of Elberfeld, Ronsdorferstr 64, Rhenish Prussia, Germany, Brewers.

No. of class : 43.

Description of goods : Beer.

No. of application : 10325.

Date : 28th March, 1912.

TRADE MARK.

The word

**GLYVER.**

The essential particular of this trade mark is the invented word "Glyver."

NAME.

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

No. of class : 3.

Description of goods : Medicated soap, glycerine for use in medicine and pharmacy, and chemical substances prepared for use in medicine and pharmacy.

No. of application : 10326.

Date : 28th March, 1912.

TRADE MARK.

The word

**GLYVER.**

The essential particular of this trade mark is the invented word "Glyver."

NAME.

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

No. of class : 42.

Description of goods : Cornflour, baking-powder, custard-powder, glycerine for human consumption, dried and preserved fruits, confectionery, jellies, jams, cakes, puddings, biscuits, and teas.

No. of application : 10327.

Date : 28th March, 1912.

TRADE MARK.

The word

**GLYVER.**

The essential particular of this trade mark is the invented word "Glyver."

NAME.

LEVER BROS., LIMITED, of Balmain, 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 : 10328.  
Date : 28th March, 1912.

TRADE MARK.

The word

**GLYVER.**

The essential particular of this trade mark is the invented word "Glyver."

NAME.

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

No. of class : 48.

Description of goods : Perfumed soap, perfumery, glycerine for toilet purposes, and preparations for the teeth and hair.

No. of application : 10332.

Date : 30th March, 1912.

TRADE MARK.

The word

**DOECHAM.**

The essential particular of this trade mark is the word "Doecham."

NAME.

COMPAGNIE FRANCAISE DE LA CHAMOISERIE NOUVELLE, of 8 Rue Francaise, 8, Paris, France, Manufacturers.

No. of class : 37.

Description of goods : Leather, skins unwrought and wrought, and articles made of leather not included in other classes.

No. of application : 10333.

Date : 30th March, 1912.

TRADE MARK.

The word

**DOECHAM.**

The essential particular of this trade mark is the word "Doecham."

NAME.

COMPAGNIE FRANCAISE DE LA CHAMOISERIE NOUVELLE, of 8 Rue Francaise, 8, Paris, France, Manufacturers.

No. of class : 38.

Description of goods : Gloves.

No. of application : 10335.

Date : 1st April, 1912.

TRADE MARK.

The word

**MATCHLESS.**

The applicants claim that the said trade mark has been used by them in respect of the article mentioned from 1887.

NAME.

WARDELL BROS. AND Co., of Wellington, in the Dominion of New Zealand.

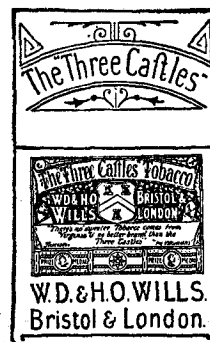
No. of class : 42.

Description of goods : Tea.

No. of application : 10336.

Date : 2nd April, 1912.

TRADE MARK.



The essential particulars of the trade mark are the following—the combination of devices and the words "Three castles"; and the applicants disclaim any right to the exclusive use of the added matter, except in so far as it consists of the name of their predecessors in business, "W. D. and H. O. Wills."

## NAME.

BRITISH-AMERICAN TOBACCO COMPANY, LIMITED, of Registered Office, Cecil Chambers, 86 Strand, London W.C., England, Tobacco-manufacturers.

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

No. of application : 10337.  
Date : 2nd April, 1912.

## TRADE MARK.

**PULSOCON**

## NAME.

GERALD JOSEPH MACAURA, of Pembroke Hall, 133 Oxford Street, London, England, Masseur.

No. of class : 11.  
Description of goods : Instruments, apparatus, and appliances, not medicated, for surgical or curative purposes, or in relation to the health of men and animals.

No. of application : 10338.  
Date : 2nd April, 1912.

## TRADE MARK.

**SUMMIT**

## NAME.

AUSTIN REED, LIMITED, of 19 Nicholl Square, Hamsell Street, London, England, Hosiery and Shirt-manufacturers.

No. of class : 38.  
Description of goods : Articles of clothing.

No. of application : 10339.  
Date : 2nd April, 1912.

## TRADE MARK.



The applicants claim that the mark has been used by them and their predecessors in business in respect of the said goods since the year 1847.

THE INCORPORATED PRINTERS' ASSOCIATION, of 15 Orange Street, London, England, Booksellers and Engraving Stammers.

No. of class : 39.  
Description of goods : Engravings, prints, etchings, and printing.

No. of application : 10340.  
Date : 2nd April, 1912.

## TRADE MARK.

The word

**BERNOLINE.**

## NAME.

THE BARRACLOUGH HERBAL PROPRIETARY, of 13 Myrtle Crescent, Wellington, in the Dominion of New Zealand, Patent-medicine Manufacturers.

No. of class : 3.  
Description of goods : A cure for burns, scalds, and eczema.

No. of application : 10342.  
Date : 3rd April, 1912.

## TRADE MARK.



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

## NAME.

THE FOUR OAKS SPRAYING MACHINE COMPANY, of Sutton-Coldfield, Birmingham, England.

No. of class : 7.  
Description of goods : Spraying-appliances included in this class.

No. of application : 10343.  
Date : 4th April, 1912.

## TRADE MARK.

*Wertheim*

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

## NAME.

THE WERTHEIM PIANO FACTORY PROPRIETARY, LIMITED, whose registered office is at No. 173 William Street, Melbourne, in the State of Victoria, Commonwealth of Australia.

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

No. of application : 10344.  
Date : 4th April, 1912.

## TRADE MARK.

The word

**AUTO-BEAM.**

The essential particular of this trade mark is the word "Auto-beam."

## NAME.

HUTCHINSON'S SCALES AUSTRALASIA, LIMITED, of Heford Street, Christchurch, in the Dominion of New Zealand.

No. of class : 6.  
Description of goods : Weighing-scales.

No. of application : 10351.  
Date : 9th April, 1912.

## TRADE MARK.

The word

**WINTONA.**

The essential particular of this trade mark is the word "Wintona."

## NAME.

A. G. WINSTONE, of Wanganui, in the Dominion of New Zealand, Chemist.

No. of class : 3.  
Description of goods : Tonic medicines.

No. of application : 10353.  
Date : 10th April, 1912.

## TRADE MARK.

The word

**LULLABY.**

The essential particular of this trade mark is the word "Lullaby."

## NAME.

VINOLIA COMPANY, LIMITED, of 41A Upper Thames Street, London, England, Manufacturers.

No. of class : 48.  
Description of goods : Perfumery, including toilet articles, preparations for the teeth and hair, and perfumed soap.

No. of application : 10354.  
Date : 10th April, 1912.

## TRADE MARK.

The word

**LULLABY.**

The essential particular of this trade mark is the word "Lullaby."

## NAME.

VINOLIA COMPANY, LIMITED, of 41A Upper Thames Street, London, England, Manufacturers.

No. of class : 47.  
Description of goods : Candles, common soap, detergents, kerosene, heating, or lubricating oils, matches, and starch, blue, and other preparations for laundry purposes.

No. of application: 10355.  
Date: 11th April, 1912.

TRADE MARK.



NAME.

THE NATURAL COLOR KINEMATOGRAPH COMPANY, LIMITED,  
of Kinemacolor Building, 80-82 Wardour Street, London  
W., England.

No. of class: 8.

Description of goods: Kinematographic films for exhibition, kinematographic cameras and kinematographic projecting-apparatus.

J. C. LEWIS,  
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 29th March to the 11th April, 1912, inclusive:—

- No. 8043/10129.—New Zealand Acetylene Gas Lighting Company, Limited. Class 1. (*Gazette* No. 3, of the 11th January.)
- No. 8044/9438.—A. Newcomb and Co. Class 40. (*Gazette* No. 23, of the 23rd March, 1911.)
- No. 8045/9750.—F. Whitlock and Sons. Class 42. (*Gazette* No. 65, of the 10th August, 1911.)
- No. 8046/10154.—National Dairy Association of New Zealand, Limited. Class 24. (*Gazette* No. 6, of the 25th January.)
- No. 8047/10182.—Columbia Phonograph Company: General. Class 8. (*Gazette* No. 6, of the 25th January.)
- Nos. 8048/10186 and 8049/10187.—Reckitt's (Over Sea) Limited. Class 50. (*Gazette* No. 6, of the 25th January.)
- Nos. 8050/10068 and 8051/10069.—Dr. Williams Medicine Company of Australasia, Limited. Class 3. (*Gazette* No. 102, of the 14th December, 1911.)
- No. 8052/9483.—W. Adams and Co., Limited. Class 2. (*Gazette* No. 28, of the 6th April, 1911.)
- No. 8053/10127.—W. Adams and Co., Limited. Class 1. (*Gazette* No. 3, of the 11th January.)
- Nos. 8054/10042, 8055/10043, 8056/10044, and 8057/10045.—Mount Vernon-Woodberry Cotton Duck Company. Classes 24, 24, 24, and 50. (*Gazette* No. 91, of the 16th November, 1911.)
- No. 8058/9844.—Meredith Bros. and Co. Class 42. (*Gazette* No. 91, of the 16th November, 1911.)
- No. 8059/10198.—E. W. Pidgeon and Co., Limited. Class 22. (*Gazette* No. 10, of the 8th February.)
- No. 8060/8903.—C. Thomas and Bros., Limited. Class 47. (*Gazette* No. 6, of the 25th January.)
- No. 8061/9650.—Oxygenator Company. Class 11. (*Gazette* No. 99, of the 1st December, 1911.)
- No. 8062/9912.—A. Bird and Sons, Limited. Class 42. (*Gazette* No. 91, of the 16th November, 1911.)
- No. 8063/9913.—Wall Paper Manufacturers, Limited. Class 1. (*Gazette* No. 91, of the 16th November, 1911.)
- Nos. 8064/9965, 8065/9966, 8066/9967, and 8067/9968.—Salubra Wall-Cover Company, Basle. Class 41. (*Gazette* No. 91, of the 16th November, 1911.)
- Nos. 8068/9989, 8069/9990, 8070/9991, and 8071/9992.—Dollfus-Mieg et Cie. Classes 23, 25, 26, and 30. (*Gazette* No. 99, of the 1st December, 1911.)
- No. 8072/10033.—A. Tyree and Co. Class 38. (*Gazette* No. 91, of the 16th November, 1911.)
- No. 8073/10050.—Aktiebolaget Pump-separator. Class 7. (*Gazette* No. 91, of the 16th November, 1911.)
- No. 8074/10063.—Chalmers Knitting Company. Class 38. (*Gazette* No. 99, of the 1st December, 1911.)
- No. 8075/10064.—Eclectic Company, Limited. Class 49. (*Gazette* No. 99, of the 1st December, 1911.)
- No. 8076/10065.—F. Doble and Sons. Class 38. (*Gazette* No. 99, of the 1st December, 1911.)
- No. 8077/10071.—Wormalds and Walker, Limited. Class 35. (*Gazette* No. 99, of the 1st December, 1911.)

Trade Mark Renewal Fees paid.

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

- Nos. 2358/2081 and 2359/2082.—9th May, 1912.—Standard Oil Company of New York, New York, U.S.A. 3rd April, 1912.
- No. 2377/1902.—30th May, 1912.—J. Crossfield and Sons, Limited, Warrington, Eng. 9th April, 1912.
- No. 2424/1997.—26th July, 1912.—W. Webber, Launceston, Tas. 30th March, 1912.

Trade Mark removed from the Register.

TRADE Mark removed from the Register owing to the non-payment of the renewal fee, from the 29th March to the 11th April, 1912, inclusive:—

- No. 2241/1793.—30th December, 1897.—J. and P. Coats, Limited, Paisley, Scot. Class 23.

Application for Trade Mark opposed.

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

- No. 9409.—J. Hare and Co. Opposed by Wilkinson, Heywood, and Clark, Limited.

Request for Correction of Clerical Error in Application for Trade Mark allowed.

THE request to correct clerical error in application for Trade Mark No. 9975 (advertised in Supplement to *New Zealand Gazette*, No. 23, of the 7th March, 1912) has been allowed.

Applications for Trade Marks abandoned or refused.

LIST of applications for registration of Trade Marks abandoned or refused from the 5th March to the 4th April, 1912, inclusive:—

- No. 9019.—13th September, 1910.—Wilkinson, Heywood, and Clark, Limited, of London, Eng., and of Melbourne, Vic. Class 47.
- No. 9025.—13th September, 1910.—Wilkinson, Heywood, and Clark, Limited, of London, Eng., and of Melbourne, Vic. Class 47.
- No. 9141.—2nd November, 1910.—Parasuram Vencatchellum Subramoniam Pillai (trading as "P. Vencatchellum"), of Madras, India. Class 42.
- No. 9161.—17th November, 1910.—Chemische fabrik Dr. R. Scheuble und Dr. A. Hochstetter, of Baden, Austria. Class 3.
- No. 9178.—23rd November, 1910.—Baldwins Limited, of Swansea, Wales. Class 5.
- No. 9179.—23rd November, 1910.—Baldwins Limited, of Swansea, Wales. Class 5.
- No. 9180.—23rd November, 1910.—Baldwins Limited, of Swansea, Wales. Class 5.
- No. 9181.—23rd November, 1910.—Baldwins Limited, of Swansea, Wales. Class 5.
- No. 9182.—23rd November, 1910.—Baldwins Limited, of Swansea, Wales. Class 5.
- No. 9290.—7th January, 1911.—A. E. Budd and Co., of Wellington, N.Z. Class 13.
- No. 9330.—21st January, 1911.—W. Reeves, of Henderson, N.Z. Class 50.
- No. 9362.—2nd February, 1911.—Turnbull and Jones, Limited, of Christchurch, N.Z. Class 11.
- No. 9372.—10th February, 1911.—A. E. Kernot, of Wellington, N.Z. Class 43.
- No. 9377.—15th February, 1911.—J. B. Gilbert and Sons, Limited, of Wanganui, N.Z. Class 47.

Section 1: Introduction  
This document outlines the project goals and objectives. The primary focus is on developing a robust system that can handle large-scale data processing and analysis. The project is divided into several key phases, including data collection, processing, and reporting.

Section 2: System Architecture  
The system architecture is designed to be modular and scalable. It consists of several interconnected components: a data ingestion layer, a processing engine, and a reporting interface. The data ingestion layer is responsible for gathering data from various sources, while the processing engine handles the heavy lifting of data manipulation and analysis.

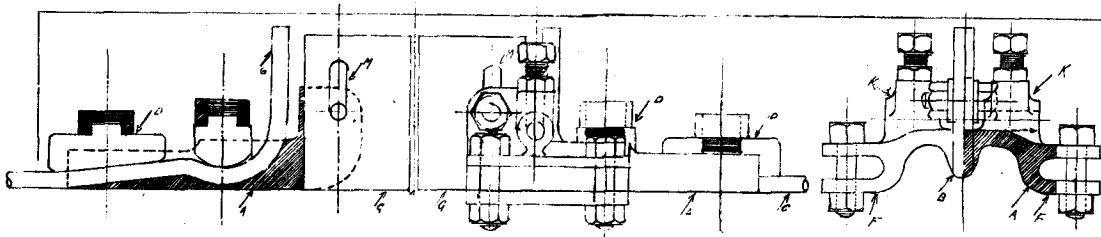
Section 3: Data Collection and Processing  
Data collection is a critical component of the system. It involves gathering data from multiple sources, including databases, APIs, and external feeds. The processing engine then takes this data and performs various operations, such as filtering, aggregation, and transformation, to produce meaningful insights.

Section 4: Reporting and Analysis  
The final stage of the system is reporting and analysis. This involves generating reports and visualizations that provide a clear and concise overview of the data. The reporting interface is designed to be user-friendly and intuitive, allowing users to easily navigate through the data and extract the information they need.

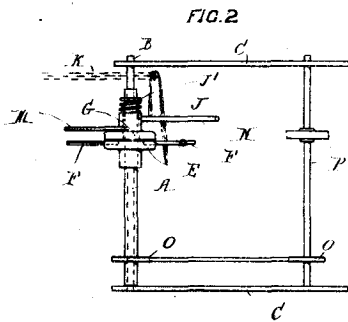
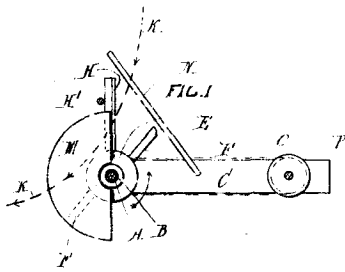
Section 5: Conclusion  
In conclusion, this project aims to provide a comprehensive solution for data processing and analysis. By leveraging modern technologies and a modular architecture, we can ensure that the system is both efficient and scalable. The final goal is to deliver a high-quality product that meets the needs of our users and provides valuable insights into their data.

# ILLUSTRATIONS OF INVENTIONS.

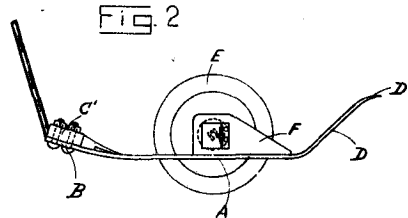
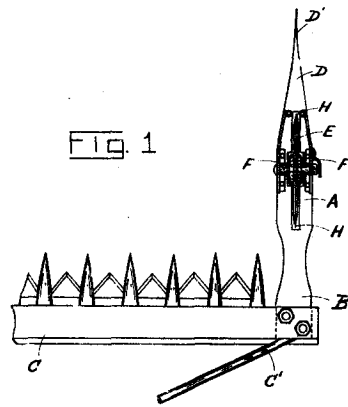
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



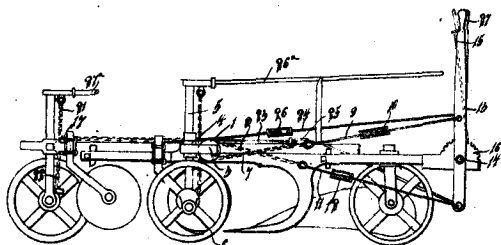
*Electric line section insulator. Symington. 29503.*



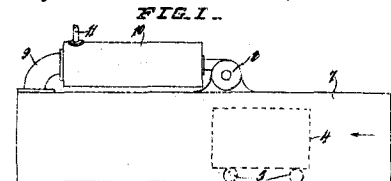
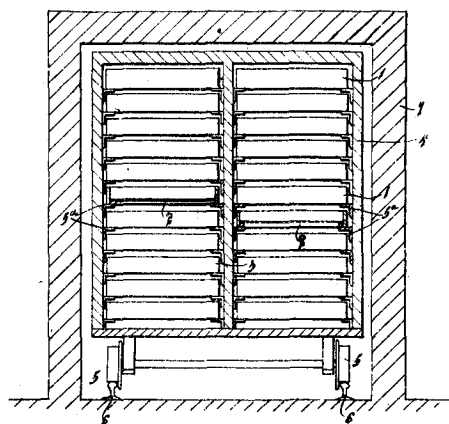
*Fibre tail clipper. Robinson & Wanklyn. 29481.*



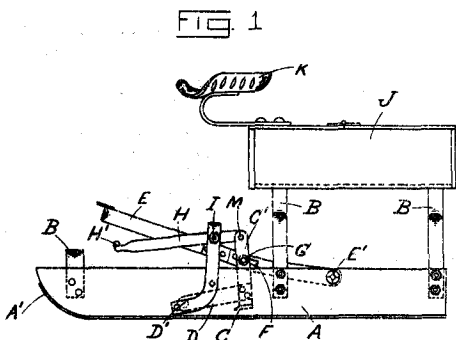
*Mowing machine cutter. Barr. 29787.*



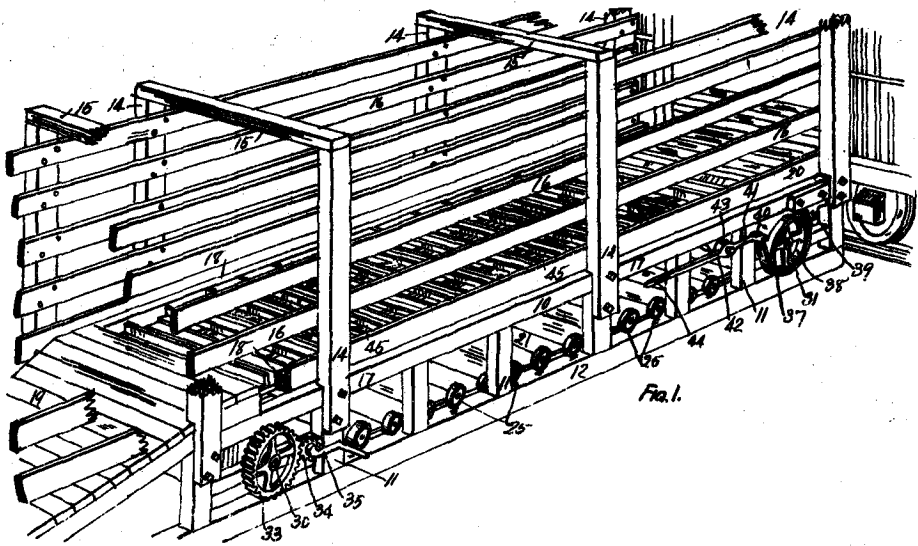
*Plough adjusting gear. Cooper. 29730.*



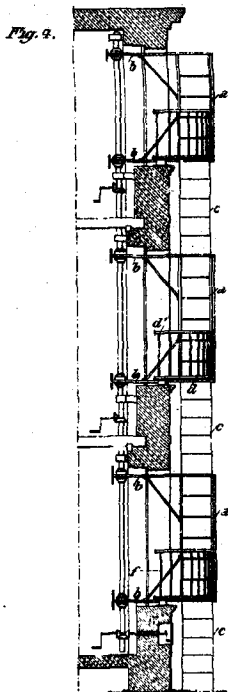
*Casein driving apparatus. Fickerman. 30903.*



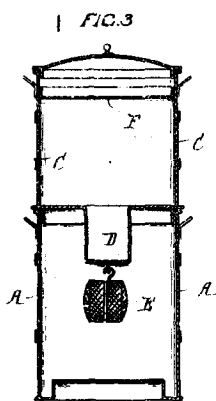
*Push, tu sock, etc. remover. Gardner. 29795.*



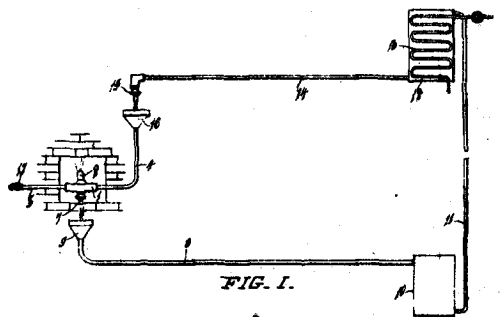
Sheep & Cattle loading. O'Donoghue & White. 30564.



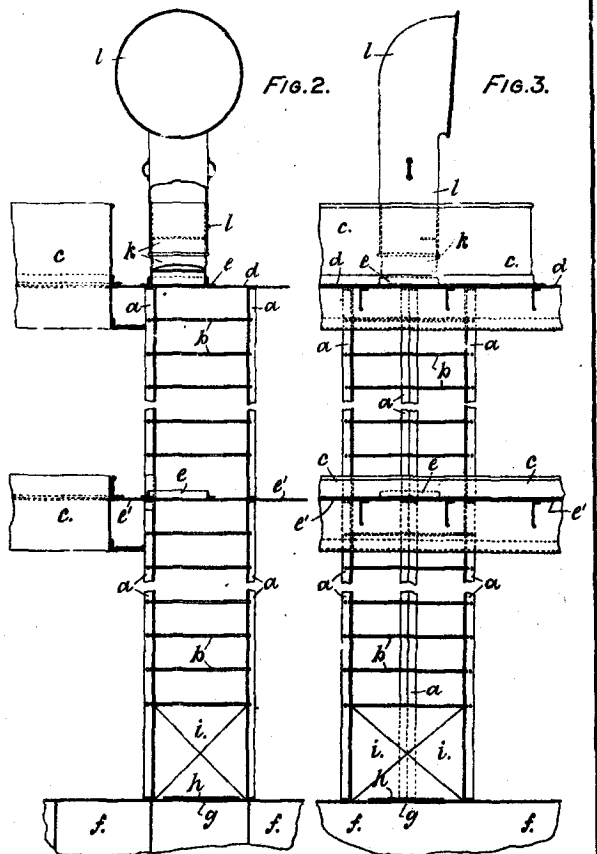
Fire escape. Scherrer. 30956.



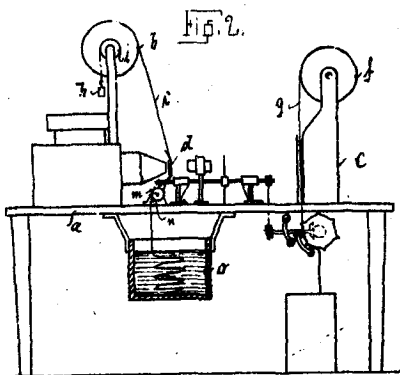
Urn. Trent. 29704.



Oil fuel utilizing. Hoare & Evans. 30068.



Ship's hold, access to. Horne. 30913.



Cinematograph film printing. Kucharski. 30990.

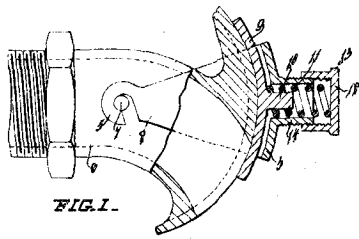


FIG. 1.

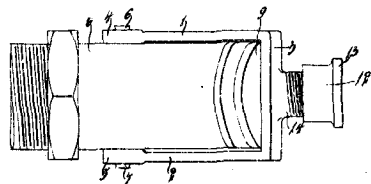


FIG. 2.

Milk cock. Robertson & Manley. 31015.

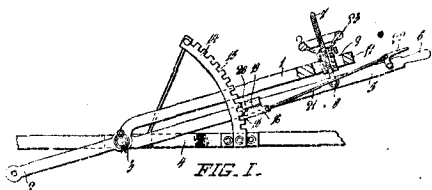


FIG. 1.

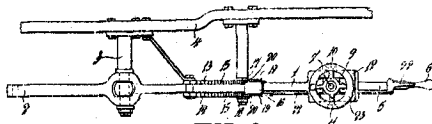


FIG. 2.

Plough lever. Hutchinson. 30047.

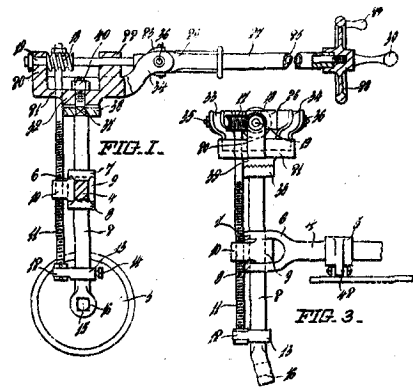


FIG. 1.

FIG. 3.

Plough steering. Hutchinson. 30045.

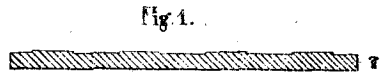


Fig. 1.



Fig. 2.



Fig. 3.

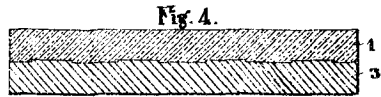


Fig. 4.



Fig. 5.

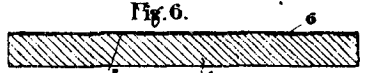


Fig. 6.

Prendic condensation. Rayward. (Condensite Co. of America - Aulsworth) 30735.

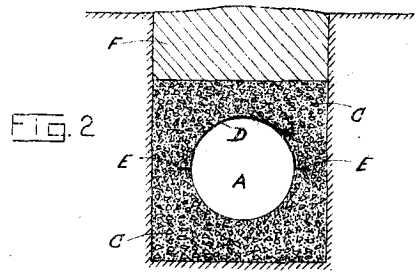


FIG. 2.

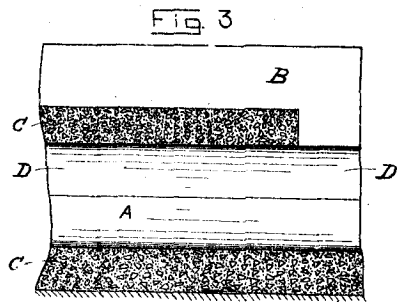


FIG. 3.

Concrete sewer forming. Wilson. 31011.

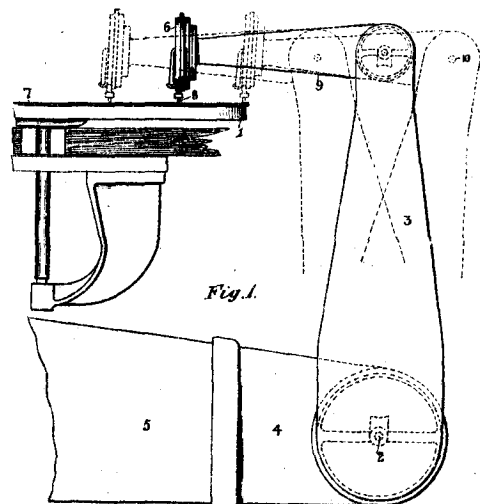


Fig. 1.

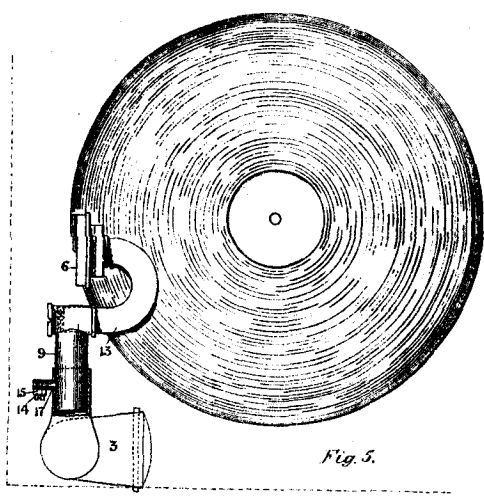
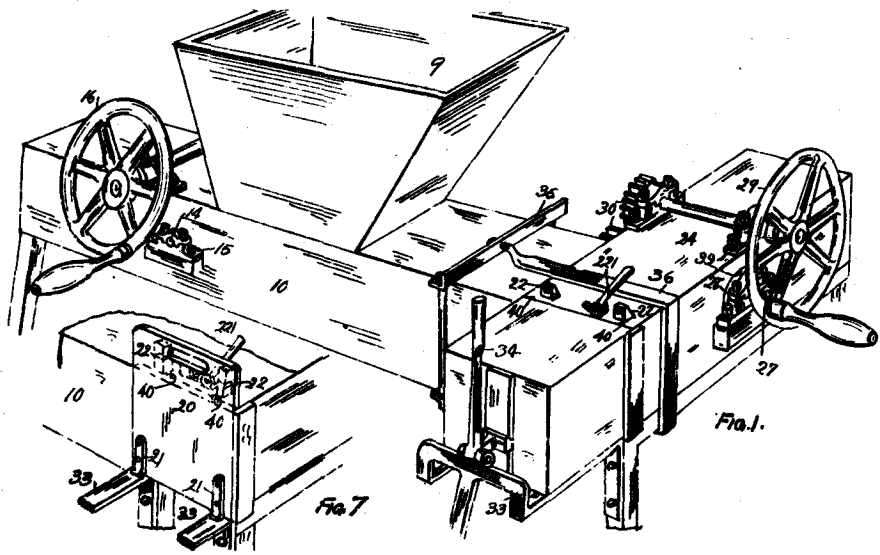
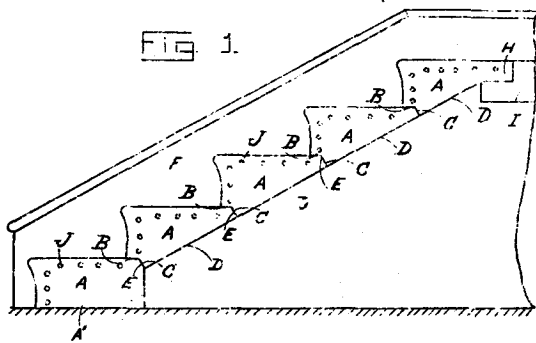


Fig. 5.

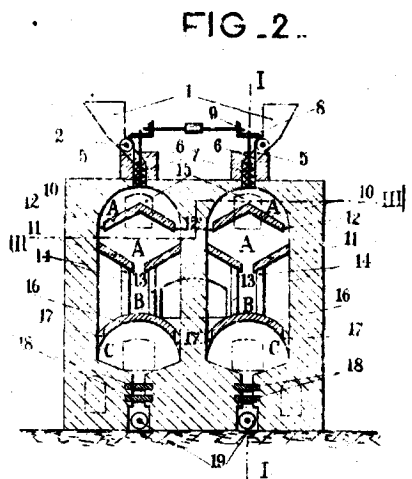
Tanning machine. Dennison. 30378.



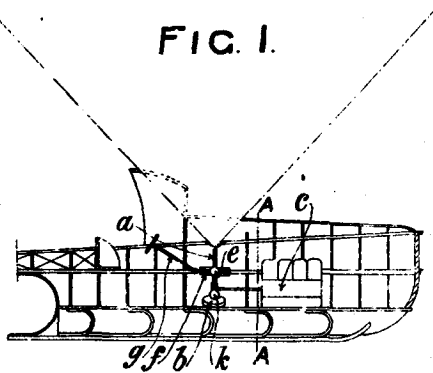
Butter packing machine. Christie. 30946



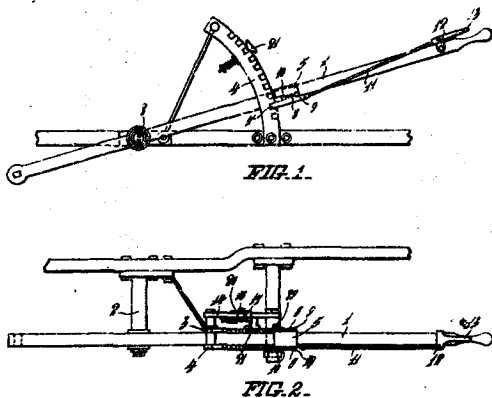
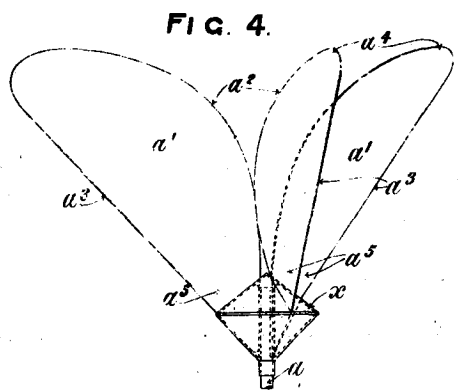
Concrete step. Langevad. 30994.



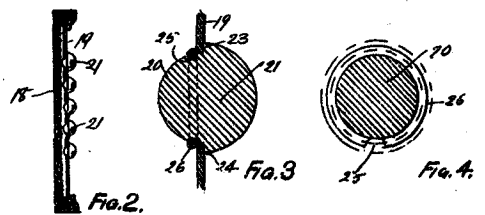
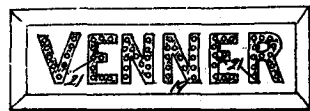
Furnace. Felixat. 30999.



Flying machine. Dring. 30982.



Lever & Quadrant rack. Hutchinsonson. 31046.



Illuminated sign. Erskine. (Venner) 30835.