Patents, Designs, and Trade Marks

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

THURSDAY, MARCH 23, 1911.

Published by Authority.

WELLINGTON, THURSDAY, MARCH 23, 1911.

CONTENTS.

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.
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 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, 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.

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.)

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Tanner, F., Sydney, N.Z. .. .. .. Marine-engine-racing prevention; 29275; 20th November, 1910.†
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Coyne, P., Hukerenui, N.Z. .. .. .. Animal-brand; 29277; 16th March.

Complete Specifications filed after Provisionals.

LIST of complete specifications filed after provisional specifications from the 3rd to the 16th March, 1911, inclusive:—

No. 27709.—J. Cook and H. Thompson, oven-slide holder and stand.
Nos. 27752 and 27753.—O. H. Stapelfeldt, inverted incandescent-gas lamps. (J. Hirschhorn—D. B. Houghton.)
No. 27825.—G. W. K. Morley, milking-machine. (Mjolkningsmaskin Aktiebolaget—G. Dalen.)
No. 27868.—J. Dillicar, ear-marking device.
No. 27870.—J. Sorley, insect-destroying composition.
No. 27876.—E. Webber, printing-block metal-mount.
No. 27879.—O. Tapp, vacuum pump.
No. 27881.—G. W. Penny, branding-apparatus.
No. 27890.—J. H. Burn, table for stamp-marking machine.
No. 27901.—E. M. McLauchlan, plough.
No. 28061.—United Shoe Machinery Company, boot-top lift. (T. Lund.)
No. 28107.—United Shoe Machinery Company, boot-sole machine. (F. E. Bertrand.)
No. 28619.—F. Andrews, hat-fastener.
No. 28699.—H. I. M. Ross, ventilator.
No. 28910.—A. E. Young and G. G. Holmes, jun., lawn-mower attachment.

Notice of Acceptance of Complete Specifications.

Patent Office,
Wellington, 22nd March, 1911.

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. 27421.—9th March, 1910.—ARTHUR GRETTON TOMKIES, of Orowaiti Road, Westport, New Zealand, Engineering Instructor, Westport Technical School. Improvements in apparatus for cutting corrugated and other metal sheets.*

Claims.—(1.) In apparatus for cutting corrugated and other metal sheets of the class herein described, a pair of sleeves mounted to rotate or slide longitudinally within bearings formed in the sliding-frame and each formed with a bore extending eccentrically through it, spindles on the cutting-discs journalled to rotate within the respective bores, and means for holding the sleeves from movement, substantially as and for the purposes specified. (2.) The improvements in apparatus for cutting corrugated and other metal sheets substantially as described and explained, as illustrated in the drawings, and for the several purposes set forth.

(Specification, 3s. 6d.)

No. 27607.—21st April, 1910.—THOMAS HILL EASTERFIELD, of 18 Talavera Terrace, Wellington, New Zealand, Professor, and CLARA MILLICENT TAYLOR, of 38 Kelburne Parade, Wellington aforesaid, Research Student. A process for the preparation of ketones.*

Extract from Specification.—The commonest process for preparing ketones consists of heating the calcium, barium, or lead salts of organic acids to a high temperature. We find that in the case of the higher fatty acids, such as palmitic, stearic, brassidic, oleic, cerotic, montanic, and melissic acids, a much better process is to heat the acid in contact with cast-iron turnings, taking care that the temperature does not far exceed the temperature of incipient decomposition of the acid. The heating is continued until the evolution of carbon-dioxide has nearly ceased, and the crude product is purified by any of the usual methods for the purification of ketones, such as crystallization from a suitable solvent or distillation in a partial vacuum.

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

(Specification, 2s. 3d.)

No. 27673.—4th May, 1910.—CHARLES SUTTIE, of Waharoa, New Zealand, Flax-miller, and MONTAGUE HARRISON WYNYARD, of Auckland, New Zealand, Solicitor. Improvements relating to mechanical flax-catchers.*

Claims.—(1.) In a mechanical flax-catcher, means of operating the "trip" or release which starts or puts in gear the operating part of the catcher, consisting of a wheel, or segment of a wheel, with or without teeth, or partly with and partly without teeth, located in, or having a segment thereof protruding through a slot into, the feed-mouthpiece of a stripper, and, if desired, tensioned so that when the pressure thereon is relieved it will come back to its original position or continue on until it has made a complete revolution, and connected with or operating by communicated contact the "trip" or release, substantially as and for the purposes described. (2.) In a mechanical flax-catcher, means for the purpose aforesaid, consisting of a flap located in or protruding through a slot into the feed-mouthpiece of a stripper, and tensioned so that when the pressure thereon is relieved it will return to its original position, and connected with or operating by communicated contact the "trip" or release, substantially as and for the purposes described.

[NOTE.—Here follow three other claims.]

(Specification, 7s. 6d.)

No. 27761.—21st May, 1910.—SYDNEY HOLM, of Wellington, New Zealand, Master Mariner. An attachment to lamp chimneys, globes, and the like to prevent the breaking thereof.*

Claims.—(1.) In devices for the prevention of breaking of lamp-globes through heat or sudden changes in temperature, a ring suspended around the globe by suspending wires hooked over the top of the globe. (2.) In devices for the prevention of breaking of lamp-globes through heat or sudden changes in temperature, a ring of wire or suitable material placed around a lamp-globe, substantially as described, and illustrated in the drawings.

(Specification, 1s. 6d.)

No. 27762.—21st May, 1910.—GEORGE EDWARD CLUETT, of Toko, New Zealand, Storekeeper. An improved fencing-dropper, and means for securing the wires thereto.*

Claims.—(1.) In wire fencing, a dropper made of elliptical form in cross-section, and a clip for attaching the wires thereto, curved to overlie the dropper and formed with a slot to receive the wire of such a depth as to permit of the dropper being inserted between the curve of the clip and the wire when the dropper is arranged with its major axis parallel with the wire and to provide for the wire being forced against the bottom of the slot when the major axis of the dropper is turned at right angles to the wire, substantially as specified. (2.) The improved fencing-dropper, and means for securing the wires thereto, substantially as described and explained, and as illustrated in the drawings.

(Specification, 2s. 6d.)

No. 27798.—30th May, 1910.—FRANCIS JOHN SCOTT CAVERHILL, of 143 Hereford Street, Christchurch, New Zealand, Shearing-machine Expert. Improvements in overhead driving-gear of sheep-shearing machines.*

Claims.—(1.) Overhead driving-gear for sheep-shearing machines consisting of the parts constructed, combined, arranged, and operating substantially as specified, and as illustrated in the drawings. (2.) With apparatus for the purpose indicated, the employment of the clutch mechanism comprising an arm fixed upon the horizontal main driving-shaft and a belt-pulley slidable laterally relatively to said

shaft and having a projection engageable by said arm, with means for sliding said pulley, substantially as specified, and illustrated in the drawings. (3.) In apparatus of the nature indicated, the employment of an arm fixed upon the horizontal main driving-shaft, a belt-pulley slidable upon an extension of the bearing of said shaft, with means for sliding said pulley consisting of a horizontal lever operated by cords fixed upon one of its ends and having at its opposite end a pin working in a groove in a clutch-sheave secured to said pulley, substantially as specified, and illustrated in the drawings.

(Specification, 2s. 9d.)

No. 28000.—29th June, 1910.—GEORGE METCALFE, of Christchurch, New Zealand, Inventor. Improved wear-resisting material and process for the production of same.

Claims.—(1.) The improved wear-resisting material obtained by thoroughly impregnating a given quantity of wadding with approximately twice its weight of rubber or devulcanized rubber in solution, then submitting the resulting mass when in a state of semidryness to great pressure and finally submitting it to a vulcanizing process, substantially as described. (2.) The process for the production of wear-resisting material as claimed in claim (1), substantially as described.

(Specification, 1s. 9d.)

No. 28108.—19th July, 1910.—UNITED SHOE MACHINERY COMPANY, of Paterson, in the State of New Jersey, United States of America, a corporation duly organized under the laws of said State of New Jersey, carrying on business as Shoe-machinery Manufacturers, and having a place of business at 205 Lincoln Street, Boston, in the Commonwealth of Massachusetts, in said United States of America (assignees of Frederick Henry Perry, of Beverly, Massachusetts aforesaid, Inventor). Improvements in or relating to trimming-machines.

Claims.—(1.) For a sole-edge-trimming machine, the combination with means for trimming or randing, or both trimming and randing, the edge of a shoe-sole comprising a knife that by movement along the edge of the sole cuts the said edge to the breast of the heel, and a second knife arranged to cut into the edge of the sole transversely to the line of cut of the first knife, of provision whereby one or both of the said knives may be adjusted to vary the point of intersection of the paths of the said knives.

[NOTE.—Here follow four other claims.]

(Specification, 12s.)

No. 28123.—21st July, 1910.—WALTER AUGUSTUS ATTENBOROUGH, of Melbourne, Victoria, Builder. Apparatus for and improvements in and relating to automatic alarm, and steering-gear, and distance and course recorders for ships.*

Extract from Specification.—My invention relates to an improved method of or means for recording upon a ship's chart the exact route or course which a vessel is taking or has taken in its travel, and at the same time indicates upon the chart the distance which the ship has travelled. In conjunction with the above recording-apparatus I have devised a means by which, when the vessel deviates from its set course, a series of alarms or an alarm is set up by electrical connections, which calls attention to the fact, or the apparatus may be so set that should the vessel deviate from its course it will automatically work the steering-gear of the vessel so as to bring it back to the course to which it has been set. The working of the steering-gear, and the automatic ringing of the alarm, and the recording of the ship's course and distance of travel primarily takes its initiative from the movement of a casing containing a compass or magnetic needle. Such casing is loosely mounted upon gymbols, and connected and operating, as will afterwards be fully explained, a table upon which is carried the chart.

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

(Specification, 14s.)

No. 28247.—12th August, 1910.—CHARLES ALBERT OLDMAN, of Wairau, New Zealand, Blacksmith. Closing carbide-drums that have been opened, by means of a screw-tightening lid.*

Claim.—A screw-tightening lid for carbide-drums, consisting of the disc, pad, bar, hand-screw, and guide-pin, constructed and combined substantially as described and illustrated, and for the purpose specified.

(Specification, 1s. 9d.)

No. 28263. — 12th August, 1910. — JAMES TRELOAR, of Hamilton, New Zealand, Engineer. An improved automatic pulsator for milking-machines.*

Extract from Specification.—The object of this invention is to provide an improved apparatus for causing the pulsations (the making and breaking of a vacuum) to take place automatically in the teat-cups of milking-machines. The means to effect this object are to provide, in a pulsator of the single-cylinder type, a double-ended piston in addition to the ordinary or power piston, the double-ended piston being slidable horizontally in the cylinder and having a hole bored horizontally through its centre to allow the rod of the ordinary or power piston to work independently of the double-ended piston. On the rod of the ordinary piston are two stops, so placed that when the power-piston is nearing the end of its stroke the double-ended piston will be operated to admit vacuum or air, as the case may be, through holes bored in the sides of the cylinder. A fly-wheel is provided to give momentum. Details of the working are given in the understated description.

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

(Specification, 5s. 6d.)

No. 28445.—17th September, 1910.—JOSEPH LIGGINS, of Tokomaru, Wellington, New Zealand, Inventor. Improved apparatus for scutching flax.*

Extract from Specification.—According to my invention the fibre is first scutched at one end in one machine, and then gripped in another part of the fibre and carried to a second scutcher, where the whole of the fibre remaining unscutched is treated.

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

(Specification, 2s. 6d.)

No. 28586.—15th October, 1910.—EDWARD PERCY WAINWRIGHT, of Quarry Road, Hastings, Hawke's Bay, New Zealand, Margarine-manufacturer, and ALBERT JAMES RISON, of Hastings aforesaid, Mechanical Engineer. Improved controlling-apparatus for wheeled vehicles.

Extract from Specification.—According hereto, a drum is fixed to the spokes of the wheel or to more than one wheel of a vehicle. The drum is provided with a ratchet wheel adapted to be engaged by a spring-operated pin or stop mounted in a bracket secured to the axle of the vehicle. The periphery of the drum is grooved to receive a band brake. The pin and the band brake are operable by levers pivoted at the front of the vehicle within easy reach of the driver.

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

(Specification, 3s. 6d.)

No. 28715.—10th November, 1910.—AUGUST BRUNO, of Bair Street, Leongatha, Victoria, Australia, Billiard-marker. An improved portable folding frame for bedsteads, stretchers, and the like.

Claims.—(1.) A portable folding bedstead, stretcher, and the like, consisting of folding side frames of metal or other suitable material, a hinged bearing at each end of one side frame, a bearing at each end of the opposite side frame, end tubes or frames adapted to fit in the bearings at each end of the side frames, collars attached to each end tube or frame, legs pivoted or otherwise attached near each corner of the frame, stops or rests attached to said legs, and canvas or other material adapted to be stretched upon said frame, substantially as and for the purposes specified, and as illustrated in the drawings.

[NOTE.—Here follow fifteen other claims.]

(Specification, 8s. 6d.)

No. 28849.—6th December, 1910.—CYRIL CARLYON COATES, of Christchurch, New Zealand, Patent Agent (nominee of the Spirella Company, of Meadville, Crawford, Pennsylvania, United States of America, assignees of Marcus Merritt Beeman, of Meadville aforesaid). Improvements in and relating to wire stays for garments and the like, and the method of forming same.

Claims.—(1.) The method of making garment-stays consisting in bending wire at intervals and alternately in opposite directions to form curved edge-forming loops or eyes

and transverse connecting-portions, and while so bending the edge-forming loops or eyes imparting a twist to the wire and thereby placing the same under initial torsional strain. . . . (5.) A garment-stay composed of wire bent at intervals alternately in opposite directions to form two series of oppositely disposed loops or eyes, portions of the wire being twisted and thereby put under an initial torsional strain.

[NOTE.—Here follow four other claims.]

(Specification, 5s. 9d.)

No. 29034.—24th January, 1911.—EUGENE DAPINO, of 3 Queen Annes Chambers, Westminster, London S.W., England, Engineer. Improvements in and relating to apparatus for the generation of gas from liquid hydrocarbons.

Extract from Specification.—My invention relates to the generation of gas for illumination, power, and other purposes from petrol and other liquid hydrocarbons, and it consists in the combination of parts comprising essentially a hydrocarbon receptacle, a hydrocarbon distributor, a compressor for supplying the requisite air, and a carburetter subject only to the heat of the atmosphere.

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

(Specification, 11s. 9d.)

No. 29047.—25th January, 1911.—JOHN GILRUTH GILRUTH, of No. 2 Bourke Street, Melbourne, Victoria, Australia, Tea-merchant. An improved apparatus for the manufacture of combustible gas for lighting and heating.

Extract from Specification.—This invention comprises a blower or apparatus for delivering a regulated quantity of air under pressure, having suitable valves for regulating the delivery therefrom, controlled or operated by the volume of the combustible gas in the gas-holder. This blower delivers the air into the carburetter, within which the volatile oils are delivered in regulated quantities, and from which the combustible gas is discharged into the gas-holder.

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

(Specification, 8s.)

No. 29059.—27th January, 1911.—ARTHUR GUYON PURCHAS BROOKFIELD and ARTHUR SYDNEY PURCHAS BROOKFIELD, of Glen Orchard, St. Helier's Bay, Auckland, New Zealand, Mechanical Engineers. Improvements in internal-combustion engines.

Claims.—(1.) A cylindrical valve for internal-combustion engines having an inlet-chamber and an exhaust-chamber, with suitable ports for effecting the cycle of operations in the cylinder, said ports so disposed as to reduce the speed of working of the valve, and avoid noise by discarding springs as well as reducing friction by balancing the valve, as shown and described. (2.) A cylindrical valve for internal-combustion engines working in a valve-casing, having ports in the casing disposed relative to ports in the valve, so as to avoid noise and friction and perfectly balance the valve, with means for preventing leakage past the ports in the valve, and adjusting for wear on the valve-casing, all substantially as shown and described.

(Specification, 6s. 3d.)

No. 29064.—27th January, 1911.—JOHN HENRY ORMOND, of Gisborne, New Zealand, Coachbuilder (assignee of William Samuel Hart, of Gisborne aforesaid, Carpenter, and the said John Henry Ormond). Evaporating-filter cooler.

Extract from Specification.—The invention consists of a hollow vessel with two walls, the outer wall being made of some non-porous substance such as concrete, the inner of some porous substance such as cement and sand, coke-cinders, or burnt clay. The open space between the two walls is filled with water, which filters through the inner wall and falls on a quantity of absorbent material, such as broken brick or pumice. The vessel may be kept inside a house, or outside, but in either case it is sunk some distance into the ground. A long, hollow pipe, with a cowl on top, fits into the bottom of the vessel and assists in producing a larger draught.

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

(Specification, 1s. 9d.)

No. 29099. — 7th February, 1911. — MCKIERNAN-TERRY DRILL COMPANY, a corporation organized under and pursuant to the laws of the State of New Jersey, United States of America, and having a place of business at No. 115 Broadway, New York, United States of America (assignees of Charles Herman Haeseler, of Philadelphia, Pennsylvania, United States of America, Engineer). Improvements in and relating to power-operated percussive tools.

Extract from Specification.—The employment of a special cushioning piston of smaller effective area than that of the percussion piston, secured to a longitudinally fixed bar or rod, such bar or rod in the case of a rock-drill or similar tool being conveniently the rifle-bar thereof, the said cushioning piston being mounted in a cylinder provided in or carried by the percussion piston, and the provision of means by which the motive fluid is admitted to the said cylinder in front of the cushioning piston during the forward movement of the percussion piston, and is held entrapped therein during the entire return movement of the percussion piston, so that it will be compressed in such return movement to a high degree. The fluid thus compressed forms an efficient cushioning-means, the high degree of compression attained by reason of the length of stroke being found sufficient for all purposes, yet the fact that the pressure therein rises slowly until near the end of the stroke causing the percussion piston to make substantially a full and complete stroke under all conditions. The motive fluid thus compressed reacts upon the next forward stroke to augment the motive fluid admitted for power purposes, so as to increase the speed and force of the forward or power stroke, thereby increasing the efficiency of the drill to a considerable extent. A further advantage of the high degree of compression thus attained is the heating of the motive fluid. Not only is its tension increased, but where steam is employed as such motive fluid the superheating immediately obviates any tendency toward condensation thereof, and prevents water from collecting in the drill. This is particularly beneficial when it is considered that these drills are commonly used in the open and often during cold weather, with almost no attempt at heat-insulation of the connecting pipes. The cushioning-means just described may be used either supplementary to the common expedient of admitting motive fluid at the rear of the percussion piston during its return movement as first above described, or instead thereof. Preferably the motive fluid will still be admitted behind the percussion piston before the completion of the return movement thereof, but at a somewhat later period, this being for the double purpose of increasing the cushioning-action at the extreme end of the stroke, and the building-up of pressure for the next forward stroke.

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

(Specification, 12s. 6d.)

No. 29100.—7th February, 1911.—JOSEPH EDWARD WOOD, of 4110 Whitman Avenue, Seattle, Washington, United States of America, Manufacturer. Display apparatus.

Claims.—(1.) A display apparatus comprising a plurality of display-cards swingingly supported at one edge portion, and means for swinging said display-cards, including an actuator supported for rotary and axial movements, and strike-lugs, each connected with a respective card, said strike-lugs being spaced to be successively engaged by said actuator during its axial movement.

[NOTE.—Here follow thirteen other claims.]

(Specification, 8s. 9d.)

No. 29108.—7th March, 1910.†—JOHN MOYES, of 13 Bogton Avenue, Cathcart, Glasgow, Scotland, Gas Engineer, and CHARLES ALEXANDER STEVENSON, of 28 Douglas Crescent, Edinburgh, Scotland, Civil Engineer. Improvements in and relating to signalling-apparatus.

Extract from Specification.—Under our invention the ignition of the gases in the explosion-chamber of the apparatus is effected by means of one or more electric sparking-devices, the action of which is controlled automatically from the occulting-apparatus so that the mechanism which regulates the supply of gas periodically to the explosion-chamber also regulates the explosions. The supply of gas to the occulting-apparatus may also, if desired, be controlled electrically, and the explosion-chamber may, if desired, have fitted, in connection therewith, means for producing luminous as well as audible signals.

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

(Specification, 9s. 3d.)

No. 29111. — 7th February, 1911. — MORRIS COLUMBUS WHITE and OTHO CROMWELL DURYEA, of 939 Peoples Gas Building, Chicago, United States of America, Manufacturers of briquetting-machines. Briquetting-apparatus.

Extract from Specification.—In the practical embodiment of our improvements illustrated in the drawings the briquette-moulds are incorporated in a drum containing twelve rows, or groups, of four moulds each. In each mould is a briquette forming and ejecting plunger. The drum is rotated continuously from a power-shaft, to which it is geared, and moves across the discharge-end of a suitable feed-hopper, or the like, while the plungers are retracted to cause the moulds to be filled with the material to be briquetted. As the filled moulds move downward toward the horizontal plane, their outer ends move across and are closed by a swinging platen or thrust-head, and the inner ends of the plungers register with a vibratory, plunger-engaging pusher forming part of a reciprocating ram. The ram is operatively connected with the piston of an internal-combustion power-generator. The cylinder of the power-generator communicates at its inlet-port with a pipe which supplies an explosive mixture under pressure. The inlet and exhaust valves of the said cylinder, as well as its sparking-device, are actuated from the power-shaft which rotates the drum, so that the operations of the internal-combustion power-generator are synchronized with the movement of the drum. In operation, as a row of moulds moves into register with the said platen, their plungers are acted upon by the ram mechanism, the vibratory pusher being thrust into engagement with the plungers, in the initial downward movement of the piston under the force of the compressed explosive mixture directed into the cylinder, and the movement of the ram under said pressure initially compresses the material in the moulds. The advance of the ram is effected by the piston through power-multiplying mechanism, and when the latter nears the limit of its extension the sparker is actuated to explode the mixture and thus complete the formation of four briquettes by the force of the explosion transmitted through the power-multiplying toggle. Shortly after the explosion the exhaust-valve of the power-generator is opened, permitting the piston to return and scavenge the cylinder and withdraw the ram out of engagement with the plungers. In the further movement of the drum the plungers are caused to be engaged by cam mechanism, which moves them outward to eject the briquettes.

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

(Specification, 16s. 6d.)

No. 29120.—13th February, 1911.—CHARLES COOPER, of Mangatoki, Taranaki, New Zealand, Factory-manager. An improved silencer for steam-jets.

Extract from Specification.—According hereto, a nozzle adapted to screw upon the end of a steam-pipe has a flared mouth, and is provided with a right-angled member also having a flared mouth. A cone forming a continuation of the steam-pipe fits the nozzle and is held in position against a shoulder. The nozzle is submerged in the liquid to which the steam is admitted. The flow of steam through the cone draws the liquid through the right-angled member into the interior of the nozzle, where the steam and liquid mix together without objectionable noise.

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

(Specification, 1s. 6d.)

No. 29121.—13th February, 1911.—GLOBE PRINTING COMPANY, LIMITED, a company duly incorporated under the Companies Act of New Zealand, and having its registered office in Willis Street, Wellington, New Zealand (assignees of ALEXANDER PARKER, Engineer, JOSEPH EDWIN FFROST, Printer, and SAMUEL SALEK, Gentleman, all of Wellington aforesaid). A combined rotary printing, numbering, perforating, folding, and gumming machine.

Extract from Specification.—By this invention a guillotine, driven directly from printing-rollers, cuts off invoices accurately to length in a simpler and more effective manner than heretofore. The folding-apparatus, also driven directly from the printing-roller, operates synchronously with the printing of the sheets. The printing is effected upon a band of paper coiled upon a roller and fed to the machine after passing over a roller having spikes, whereby a line of perforations is made in each sheet for readily tearing off duplicate invoices. Apparatus is also provided whereby printing in two or more colours may be effected simultaneously.

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

(Specification, 4s. 9d.)

No. 29124.—1st July, 1910.†—McKENZIE AND HOLLAND, LIMITED, of 58 Victoria Street, Westminster, London S.W., Railway-signal Engineers and Contractors, and WALTER ALLAN PEARCE, of 88 Croxted Road, West Dulwich, London S.E., England, Engineer. Improvements in and relating to railway-signal operating and controlling apparatus.

Extract from Specification.—The present invention consists principally in providing, in apparatus of the kind above mentioned, quick-acting circuit-controlling switch and brake mechanism combined, and so arranged that as soon as the switch mechanism is actuated or released (by actuation of the clutch mechanism in lowering or moving the signal-arm to the safety position) the brake immediately acts upon a brake-wheel or its equivalent in connection with the motor so as to promptly stop rotation of the motor and prevent its backward rotation, the arrangement being, further, such that on the return of the signal-arm to danger a moving member of the clutch mechanism acts, through suitable connections, on the combined switch and brake device so as to reset the switch in its normal position and release the brake from the motor. Further, according to this invention, a dashpot or equivalent cushioning-device is operatively connected with a moving member of the clutch mechanism so as to avoid the transmission of injurious shocks, that might be caused by movements of the signal-arm suddenly arrested, to the apparatus.

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

(Specification, 8s. 9d.)

No. 29125.—14th February, 1911.—MATTHEW WHITE and JAMES HENRY WHITE, Engineers, both of 74 Inkerman Street, Luton, Bedfordshire, England. Improvements in gas-generating apparatus.

Claims.—(1.) A gas-generator plant having an annular chamber at its upper portion characterized by the fact that a water spray is arranged in said chamber to cool and free the gas from impurities, whence it is led to a scrubber having a rotatable disc provided with fins to further purify the gas. (2.) A gas-generator plant as claimed in claim (1), further characterized by the provision of an adjustable hopper whereby the suction may be regulated when dealing with fine material such as sawdust.

(Specification, 4s.)

No. 29135.—15th February, 1911.—EDUARDO JOSE MARIA MADERO, of No. 745 calle Tucuman, Buenos Aires, Argentine Republic, South America, Mechanician. Novel rotary engine.

Claim.—A novel rotary engine substantially consisting of a circular chamber formed by two body-pieces, in the interior of which move alternately, at two diametrically opposite points, a set of plates which intercept or divide said interior, said plates, which are intermediate, being acted upon by a spring fixed to the axle, and combined with retention-stops and the obturators or plugs of the admission and exhaust ducts for motive power, said chamber forming a circular opening, which is being closed by a revolving ring, wherein is fixed the plunger which drives the same, said ring being provided with a projecting stud adapted for abutting against the end of a jointed lever and raise said ends, thus causing the disengagement of the obturating-plates in the very instant in which the plunger has passed before the corresponding plates, no matter whether the engine is running in one or the other direction, substantially as described and set forth, with reference to the drawings, and for the purpose indicated.

(Specification, 5s.)

No. 29139.—16th February, 1911.—STANDARD LIGHT COMPANY, a corporation organized under the laws of the State of Delaware, United States of America, and having offices at Wilmington, in said State, and also at Savannah, Georgia, United States of America (assignees of Herschel Merle Conner, of Chicago, Illinois, United States of America, Machinist). Improvements in vapour generators and burners.

Claims.—(1.) A kerosene-oil-gas producer, in which are combined a generator, means for supplying oil thereto, means for subjecting the oil first to a relatively moderate heat to start the vaporization and then to a much higher degree of heat to complete the same, and means for mixing such highly heated vapour with air.

[NOTE.—Here follow thirteen other claims.]

(Specification, 9s. 3d.)

No. 29145. — 15th February, 1911. — CECIL GEORGE MCKELLAR, Assoc. Mech. Eng., of Christchurch, New Zealand, Civil Engineer. Improved construction of water-closet basin adapted for use in conjunction with a whirlpool flush.

Claims.—(1.) In a closet-basin adapted to be scoured by means of a whirlpool flush, a ridge formed upon the inner surface of such basin, such ridge projecting from the side thereof at the lower portion and extending downwardly to the bottom of the basin at an angle corresponding in direction with the general tendency of the whirlpool, substantially as and for the purpose set forth.

[NOTE.—Here follow two other claims.]

(Specification, 2s. 6d.)

No. 29159. — 22nd February, 1911. — ARTHUR FRANCIS BERRY, of 27 Woodville Road, Ealing, Middlesex, England, Electrical Engineer. Improvements in or relating to electrical transmission and distribution systems.

Claims.—(1.) In transformer arrangements of the kind referred to, the provision of means for discharging to earth current due to lightning or surging in the circuit, substantially as set forth. (2.) A transformer arrangement of the kind referred to, wherein the relay winding and the primary winding of a supplementary transformer, or part thereof, or the relay winding and a controlling winding, or part thereof, are connected in circuit at opposite ends of the primary winding of the main transformer, and there are provided in conjunction with the relay winding and the supplementary winding, or part thereof, or with the relay winding and the controlling winding, or part thereof, electrical discharging-devices, such as sparking-gaps, whereby dangerous high-tension electricity can readily discharge to earth without passing into or through and thus injuring the primary winding of the main transformer.

[NOTE.—Here follow three other claims.]

(Specification, 9s. 6d.)

No. 29166.—21st February, 1911. — EDWIN PHILLIPS, of 264–268 Flinders Street, Melbourne, Victoria, Australia, Patent Attorney (nominee of Heinrich Lange, of 185 Knooperweg, Kiel, Germany, Engineer). Aerial network for wireless telegraphy and telephony.

Extract from Specification.—The present invention relates to an aerial network for wireless telegraphy and telephony. The employment of metallic bands instead of metallic wires in connection with aerial network for wireless telegraphy and telephony is already known. These bands may be of any form, shape, and of any metal. The radiation from the edges of these bands can be prevented by a suitable formation, such as turning down the edges, &c. At the same time the strength is also raised—namely, when wires or strands are inserted in the beading. For producing sufficient strength these cores need not possess any great thickness if they are formed of metal, whereas it is preferable for preventing the radiation from the edges to employ cores of the greatest possible diameter. Now, according to the present invention, the most satisfactory formation of the bands with sufficient strength for the prevention of the radiation from the edge is attained by the employment of cores consisting mainly of a light material such as hemp, or cotton, or the like.

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

(Specification, 2s. 9d.)

No. 29189.—23rd June, 1910.†—GILBERT NORTH, of 19 Moreton Avenue, Stretford, Manchester, England, Electrical Engineer. Improvements in alternating-current electric meters.

Claims.—(1.) Alternating electric-current meter of the induction type in which the magnetic core is provided with a plurality of air-gaps within which the movable member is arranged to rotate, the form of the core and the disposition of the coils thereon being such that the magnetic flux due to the shunt-coil of the meter traverses these air-gaps in parallel, while the flux due to the series-coil of the meter traverses the air-gaps in series, so that the reluctance of the path for the shunt-flux is decreased without decreasing that of the path for the series-flux, substantially as and for the purpose specified.

[NOTE.—Here follow two other claims.]

(Specification, 6s. 3d.)

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 under 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 this *Gazette*.

J. C. LEWIS,
Registrar.

Provisional Specifications accepted.

Patent Office,
Wellington, 16th March, 1911.

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

No. 28395.—New Zealand Hemp Process and By-products Company, Limited, flax-drying. (W. G. Richardson.)
No. 28396.—New Zealand Hemp Process and By-products Company, Limited, flax-stripper. (W. G. Richardson.)
No. 28397.—New Zealand Hemp Process and By-products Company, Limited, flax-catcher. (W. G. Richardson.)
No. 28938.—E. Trimming and G. W. Basley, cow-milker.
No. 29003.—E. Henshaw, spoke-brush.
No. 29018.—United Shoe Machinery Company, button-hole-finishing machine. (G. S. Hill.)
No. 29032.—R. C. Porter, pump valve, seat, &c.
No. 29050.—M. Elliott, acetylene-generator.
No. 29052.—W. E. Brown, milk-separator.
No. 29061.— G. W. Hutchinson, internal-combustion engine.
No. 29072.—J. Byrne, fireplace and chimney.
No. 29084.—R. P. Hill, pipe or hose coupling.
No. 29088.—J. F. A. McSwiney and A. Kilchmann, cash-carrier.
No. 29089.—A. T. King, railway-car coupling.
No. 29104.—W. Wallace and W. Palmer, rabbit-trap.
No. 29114.—H. H. Seccombe, window-fastener.
No. 29115.—A. C. Baird, gas and oil engine.
No. 29117.—C. Suttie and M. H. Wynyard, flax-dressing.
No. 29118.—W. Sandlant, clothes-peg.
No. 29127.—H. M. Keesing, grate.
No. 29130.—L. G. Abrams, broom, &c., socket.
No. 29132.—J. R. Howard, telephone system.
No. 29140.—F. McGarthy and C. McDonell, wire-strainer.
No. 29142.—C. W. Duncun and H. D. Stride, hat-pin-point protector.
No. 29149.—Booth, MacDonald, and Co., Limited, teat-cup. (C. G. Whitaker.)
No. 29151.—E. J. Armstrong, delivering milk to milking-machine tanks.
No. 29157.—United Shoe Machinery Company, sole- and heel-finishing shaft. (H. W. Winter.)
No. 29195.—W. C. Sharpe and W. C. Sharpe, jun., air-gas production.
No. 29199.—United Shoe Machinery Company, boot and shoe machine. (R. F. McFeely.)
No. 29200.—United Shoe Machinery Company, inseam-sewing machine. (E. E. Winkley.)
No. 29201.—United Shoe Machinery Company, pattern-marking, &c., mechanism. (F. H. Perry.)
No. 29202.—United Shoe Machinery Company, pulling-over machine. (O. Ashton.)
No. 29203.—United Shoe Machinery Company, boot, &c., assembling machine. (O. Ashton.)
No. 29205.—A. L. J. Tait, rotary engine.
No. 29214.—G. Craw, flax-washer.
No. 29229.—J. Coulthard, handle-machine.

[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 26th February to the 13th March, 1911, inclusive:—

No. 26889.—A. M. Robertson, milking-machine.
No. 26963.—A. Calichiopulo, sighting-device.
No. 26990.—R. McGaffin, tow cleaner and conveyer.
No. 27025.—J. T. Sheldon, valve, tap, &c.
No. 28156.—P. R. Climie, milk-dessicating, &c. (Techno Chemical Laboratories, Limited—M. Ekenbery.)
No. 28176.—J. Storer and G. C. De Witt, gas-mantle.
No. 28404.—F. J. R. and I. S. B. Floyd, removing slimes, sand, &c.
No. 28522.—R. T. Carter, concentrator and amalgamator.
No. 28538. — British Radio Telegraph and Telephone Company, Limited, wireless signal transmitter and receiver. (J. G. Balsillie.)

Letters Patent on which Fees have been paid.

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

SECOND-TERM FEES.

NO. 22166.—G. E. Humphries, scaffolding. 6th December, 1910.
No. 22322.—J. Smart, drain and cover. 15th March.
No. 22525.—J. B. Colt Company, acetylene-generator. (N. Goodyear.) 3rd March.
No. 22549.—A. Falkner, suspension bridge. 15th March.
No. 22551.—Aktiebolaget Separator, centrifugal machine. (I. P. B. Knudsen.) 13th March.
No. 22552.—Aktiebolaget Separator, centrifugal separator. (I. P. B. Knudsen.) 13th March.
No. 22553.—Aktiebolaget Separator, bearings for centrifugal rapidly rotating bodies. (I. P. B. Knudsen.) 13th March.
No. 22614.—W. T. Lee and F. Creighton, ore-treatment. (F. Cotton.) 8th March.
No. 22918. — A. Peterson, charging electric furnace. 3rd March.
No. 22919.—A. Peterson, carbide-production. 3rd March.
No. 23891.—R. Brown, bottle-stopper. 3rd March.

THIRD-TERM FEES.

No. 17633.—C. F. A., E. G., P. P. Schaefer, stucco-ornament manufacture. (A. Lauermann.) 7th March.
No. 17681.—H. Frith, broom-manufacture. (S. G. Roseman.) 11th March.
No. 19062.—R. Wallace, milking-appliance. 7th March.
No. 20638.—H. L. Friend, concrete building. (H. A. Goddard.) 4th March.

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

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

NOS. 22551, 22552, 22553.—Aktiebolaget Separator, of 8 Fleminggatan Stockholm, Sweden. (1) Centrifugal machine; (2) centrifugal separator; (3) bearing for rapidly rotating bodies. (I. P. B. Knudsen.) 14th March, 1911.
No. 22975.—Evans Sons, Lescher, and Webb, Limited, whose registered office is situate at 56 Hanover Street, Liverpool, England, Wholesale Chemists and Druggists. Composition for preventing flies from striking turnips. (H. P. Levatt.) 14th March, 1911.

Requests for Amendment of Applications for Letters Patent allowed.

THE requests to amend the following applications for Letters Patent have been allowed:—

No. 26634.—C. E. Rae. Camp-stove. (Advertised in Supplement to *New Zealand Gazette*, No. 2, of the 12th January, 1911.)
No. 27011.—R. W. De Montalk. Concrete and ferro-concrete building. (Advertised in Supplement to *New Zealand Gazette*, No. 7, of the 26th January, 1911.)
Nos. 28194.—T. Miller. Valve. 28888.—D. Elder. Wire-wrapping machine. (Advertised in Supplement to *New Zealand Gazette*, No. 12, of the 9th February, 1911.)

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

NO. 29097.—Etherbert Joseph James Hope and William James Hope. Ironing-board.
To alter the surname of the first applicant from "Hope" to "Welch."

Applications for Letters Patent opposed.

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

No. 27199.—A. H. Wright. Stamping &c., machine. Opposed by W. Morton.
No. 27246.—R. Lambie, jun. Exhausting air from closed vessels. Opposed by G. F. Hutchinson.

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 3rd to the 16th March, 1911, inclusive:—

No. 27431.—R. Drummond, tram-car step.
No. 27675.—J. Robertson, cattle-sling.
No. 27679.—J. Johnston, lubricating bearings.
No. 27681.—E. Le Roy, coat.
No. 27690.—E. Shadgett, beer from bananas.
No. 27691.—G. S. McArthur and M. M. Millikin, night-soil treatment.
No. 27693.—A. S. Shepherd, plough-coulter, &c.
No. 27696.—P. J. Gossling, document-file.
No. 27699.—R. McGaffin, flax-catcher chute.
No. 27700.—J. Franklin, swingle-bar.
No. 27704.—T. E. O'Brien, horse-collar.
No. 27705.—A. McLeod, califont.
No. 27706.—R. S. Tonkinson and A. G. Baker, friction-clutch.
No. 27707.—W. Duggan, jun., picture-hanging device.
No. 27708.—G. Porter, internal-combustion-engine starting.
No. 27712.—M. Juriss, aeroplane.
No. 27721.—W. H. Cook, hat-pin.
No. 27722.—A. S. O'Connor, hat-pin.
No. 27724.—J. N. Griffin, brake.
No. 27725.—W. Buhmann, safety-pin.
No. 27726.—W. Buhmann, fire-screen.
No. 27732.—J. Smaill, pasteurizer.
No. 27734.—H. A. Livingstone, spark-arrester.
No. 27735.—E. J. Ruddick, gate-hinge.

Applications for Letters Patent void.

APPLICATIONS for Letters Patent, with which complete specifications have been lodged, void owing to non-acceptance of such complete specifications, from the 3rd to the 16th March, 1911, inclusive:—

No. 27023.—M. Poole, hat-pin.
No. 27027.—S. V. Fulljames, milk-strainer.

Applications for Letters Patent lapsed.

APPLICATIONS for Letters Patent lapsed, owing to Letters Patent not being sealed, from the 3rd to the 16th March, 1911, inclusive:—

No. 26347.—J. Forsyth, flax-treatment.
No. 26529.—J. Martyn, dressing-table.
No. 26566.—R. Salt, venetian blind.
No. 26604.—W. Goodwin, seed-sower.

Letters Patent void.

LIST of Letters Patent void through non-payment of renewal fees, and through expiry of term of fourteen years, from the 3rd to the 16th March, 1911, inclusive:—

THROUGH NON-PAYMENT OF SECOND-TERM FEES.

No. 22152.—W. M. and W. H. Maybury, potato, &c., grading apparatus.
No. 22153.—O. Riegelhuth, signalling-device.
No. 22158.—A. W. Omond and W. M. Johnson, siphon device.
No. 22161.—J. Pettitt, gate. (O. E. A. Sturmhoebel.)
No. 22163.—J. Macalister, harrow.
No. 22171.—E. W. Barton-Wright and Q. Marino, wood-treatment.
No. 22174.—Gies Gear Company, reversing-gear. (F. G. Gies.)
No. 22175.—A. Waltho, bottle-stopper, &c.
No. 22176.—W. Snee, wave-motor.
No. 22182.—J. B. MacEwan and Co., Limited, scales. (C. Cooper.)
No. 22183.—C. Harper, disposal of effluent from septic tanks.
No. 22185.—L. Decker, wiffletree-attachment.

No. 22186.— E. B. Baker, treating substances under pressure.
No. 22187.—W. C. V. Harwood and S. Reed, supplying disinfectant to flushing-cisterns.
No. 22188.—J. Layfield and A. V. Crisp, building-block.
No. 22189.—H. Braby, atomizer.
No. 22198.—R. J. Turnbull, shaking-table.
No. 22204.—J. Eddey, cheese-cutter.
No. 23703.—G. W. Holmes, hospital.

THROUGH NON-PAYMENT OF THIRD-TERM FEES.

No. 17334.—P. du Buit, explosive charge.
No. 17336.—J. H. Gay, window.
No. 17343.—The Grondal Kjellin Company, Limited, iron-ore treatment. (G. Gröndal.)
No. 17344.—The Grondal Kjellin Company, Limited, magnetic separator. (G. Gröndal.)
No. 17353.—Henry R. Worthington, compensating-engine. (W. C. Brown.)
No. 17354.—Henry R. Worthington, steam-engine. (W. C. Brown.)
No. 17370.—D. C. Macdonald, grain-treatment.
No. 17372.—T. Gillespie, dredge-link shoe.
No. 17376.—G. Nelson, refrigerating machinery.
No. 17378.—T. Heath, lamb-castrating instrument.

THROUGH EXPIRY OF TERM.

No. 9336.—American Steel and Wire Company, woven-wire fence. (A. J. Bates.)
No. 9351.—Greenwich Inlaid Linoleum (Frederick Walton's New Patents) Company, Limited, floor-cloth. (F. Walton.)

Design registered.

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

No. 553.—Frederick Gutschlag, of Lilliesleaf Dredge, Maitland, Waikaka Valley, New Zealand. Class 3. 24th January, 1911.

Applications for Trade Marks filed.

LIST of applications for registration of Trade Marks filed from the 3rd to 16th March, 1911, inclusive:—

No. 9429.—3rd March, 1911.—Thomson, Bridger, and Co., Limited, Dunedin, N.Z. Class 50.
No. 9430.—3rd March, 1911.—Ansell and Spencer, Auckland, N.Z. Class 13.
No. 9431.—3rd March, 1911.—R. Garroway, Auckland, N.Z. Class 42.
No. 9432.—4th March, 1911.—Brace, Windle, Blyth, and Co., Limited, Dunedin and Auckland, N.Z., and Walsall, Eng. Class 34.
No. 9433.—4th March, 1911.—Yawman and Erbe Manufacturing Company, Rochester, U.S.A. Class 39.
No. 9434.—7th March, 1911.—Napier Woollen Company, Limited, Napier, N.Z. Class 34.
No. 9435.—7th March, 1911.—Vanda Company, New York, U.S.A. Class 50.
Nos. 9436, 9437, 9438, and 9439.—9th March, 1911.—A. Newcomb and Co., Auckland, N.Z. Classes 25, 38, 40, and 50.
Nos. 9440 and 9441.—9th March, 1911.—Bycroft, Limited, Auckland, N.Z. Class 42.
No. 9442.—9th March, 1911.—R. D. D. McLean, Maraekakaho, N.Z. Class 4.
No. 9443.—10th March, 1911.—Abingdon-Ecco, Limited, Birmingham, Eng. Class 22.
Nos. 9444 and 9445.—10th March, 1911.—Anderson and Miskin, Vancouver, B.C. Class 42.
Nos. 9446, 9447, 9448, 9449, and 9450.—10th March, 1911.—Langguth and Co., Auckland, N.Z. Classes 42, 42, 43, 45, and 47.
No. 9451.—11th March, 1911.—New Zealand Dairy Association, Limited, Auckland, N.Z. Class 42.
Nos. 9452, 9453, 9454, and 9455.—11th March, 1911.—Ellis and Manton, Wellington, N.Z. Class 47.
No. 9456.—11th March, 1911.—Collins Bros. and Co., Limited, Auckland, N.Z. Class 39.
Nos. 9457 and 9458.—11th March, 1911.—Langguth and Co., Limited, Auckland, N.Z. Class 42.
No. 9459.—11th March, 1911.—Anderson and Miskin, Vancouver, B.C. Class 42.
No. 9460.—11th March, 1911.—J. Neil, Limited, Dunedin, N.Z. Class 42.
No. 9461.—13th March, 1911.—J. E. Watson and Co., Limited, Invercargill, N.Z. Class 2.
No. 9462.—13th March, 1911.—Guinness and Le Cren, Limited, Timaru, Waimate, and Geraldine, N.Z. Class 46.
Nos. 9463 and 9464.—14th March, 1911.—D. Hutcheon and W. Hay (Ceylon Tea Company), Wellington, N.Z. Class 42.
Nos. 9465, 9466, 9467, 9468, 9469, 9470, 9471, and 9472.—14th March, 1911.—Wallace, Scott, and Co., Limited, Glasgow, Scot. Classes 34, 38, 34, 38, 34, 34, 38, 38.
No. 9473.—14th March, 1911.—New Hydroleine Company, Limited, Ashby-de-la-Zouch, Eng. Class 47.
No. 9474.—14th March, 1911.—Aplin and Barrett and Western Counties Creameries, Limited, Yeovil, Eng. Class 42.
No. 9475.—14th March, 1911.—J. Lyons and Co., Limited, London, Eng. Class 42.
No. 9476.—15th March, 1911.—Borsdorff and Co., Melbourne, Vic. Class 38.
Class 9477.—15th March, 1911.—T. Sealy, New York, U.S.A. Class 4.

Applications for Registration of Trade Marks.

Patent Office,
Wellington, 16th March, 1911.

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: 9162.
Date: 18th November, 1910.

TRADE MARK.

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

NAME.

HANCOCK AND CO. (N.Z.), LIMITED, of Auckland, in the Dominion of New Zealand, Brewers, Maltsters, and Bottlers.

No. of class: 43.
Description of goods: Beer.

No. of application: 9235.

Date: 12th December, 1910.

TRADE MARK.

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

NAME.

THE NEW ZEALAND CANDLE COMPANY, LIMITED, of Kaiwarra, Wellington, in the Dominion of New Zealand.

No. of class: 47.

Description of goods: Candles.

(By consent.)

No. of application: 9236.

Date: 12th December, 1910.

TRADE MARK.

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

NAME.

THE NEW ZEALAND CANDLE COMPANY, LIMITED, of Kaiwarra, Wellington, in the Dominion of New Zealand.

No. of class: 47.

Description of goods: Candles.

No. of application: 9246.

Date: 16th December, 1910.

TRADE MARK.

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

NAME.

GEORGE COURT AND SONS, LIMITED, of Karangahape Road (only), Auckland, in the Dominion of New Zealand.

No. of class: 38.

Description of goods: Articles of clothing.

No. of application: 9255.

Date: 23rd December, 1910.

TRADE MARK.

GLOSSO

NAME.

HARGREAVES BROS. AND CO., LIMITED, of Hull, Yorkshire, England, Blacklead and Blue Manufacturers.

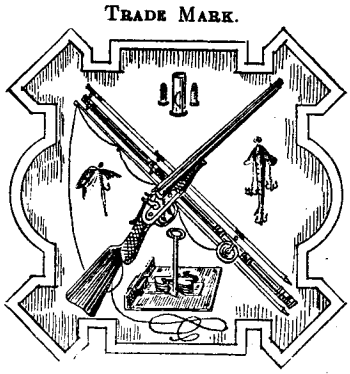
No. of class: 50.

Description of goods: Furniture-polish, floor-polish, metal-polish, blacklead, and other preparations for polishing fire-ranges, stoves, grates, and ironwork generally.

No. of application: 9344.

Date: 26th January, 1911.

TRADE MARK.



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

NAME.

ARTHUR FRED VARCOE, of Invercargill, in the Provincial District of Otago, in the Dominion of New Zealand.

No. of class: 19.

Description of goods: Small-arms, guns, pistols, revolvers, and fowling-pieces.

No. of application: 9346.

Date: 30th January, 1911.

TRADE MARK.

HURRICANE

The applicants claim that the said trade mark has been in use by them and their predecessors in business in respect of the goods mentioned for from three years before the 13th August, 1875.

NAME.

M. C. THOMSON AND CO., LIMITED, of 98 Holm Street, in the County of the City of Glasgow, Scotland, Manufacturers and Merchants.

No. of class: 27.

Description of goods: Sail-cloth or canvas made of flax or hemp, or of mixed materials, the flax or hemp predominating.

No. of application: 9365.

Date: 6th February, 1911.

TRADE MARK.

THE LITTLE BACON SHOP

The essential particulars of this trade mark are the words "The Little Bacon Shop" printed in a particular and distinctive manner; and any right to the exclusive use of any added matter is disclaimed.

NAME.

PERCY HARRINGTON, of Hobson Street, in the City of Auckland, and Dominion of New Zealand, trading as "The Little Bacon Shop."

No. of class: 42.

Description of goods: Substances used as food, or as ingredients in food, such as cereals, flour, oatmeal, cornflour, bread, scones, pastry, cakes, biscuits, malt, pulses, hops, yeast, baking-powder, custard-powder, powdered gelatine, egg-powder, lard, cream tartar, tartaric acid, citric acid, dripping, honey, condensed milk, coffee, cocoa, chocolate, tea, confectionery, fresh fruit, preserved fruit, canned fruit, dried fruit, preserved pine-apples, cocoanut, milk, cream, sugar, jam, marmalade, bonbons, olive-oil, salad-oil, oil-cakes, sago, essences, jellies, cheese, pepper, mustard, anchovies, vinegar, cayenne pepper, chutney, curry-powder, ketchup, pickles, sauces, condiments, unfermented bitters, chemical food, salt, egg-preservative, eggo, canned vegetables, preserved vegetables, garden-produce, beer-clarifier, lime-juice, cordials, non-aerated beverages, non-alcoholic beverages, salmon, fish, preserved fish, salted fish, canned fish, dead rabbits, dead hares, dead game, dead poultry, bacon, ham, preserved meat, extract of meat, canned meat, spiced meat, ragged meat, salted meat, and frozen meat.

No. of application: 9406.

Date: 15th March, 1911.

TRADE MARK.

The words

AJAX

FIRE-KILLER.

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

NAME.

ALGY LATHAM, of 17 Hobbs Buildings, Christchurch, in the Dominion of New Zealand.

No. of class: 50.

Description of goods: Fire-extinguisher.

No. of application: 9420.

Date: 1st March, 1911.

TRADE MARK.

The essential particular of this trade mark is the above fac-simile. The mark is for use without limitation to the colour.

The applicants claim that the said trade mark has been in use by them in respect of the articles mentioned from the year 1883.

NAME.

J. D. RIEDEL, ACTIENGESELLSCHAFT, of Berlin, N 39, 12/13 Gerichsstrasse, Germany.

No. of class: 3.

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

No. of application: 9425.

Date: 2nd March, 1911.

TRADE MARK.

NAME.

SAMUEL FOX AND CO., LIMITED, of Stocksbridge Works, near Sheffield, England, Manufacturers.

No. of class: 13.

Description of goods: Umbrella ribs, stretchers, and frames of metal.

No. of application: 9426.
Date: 2nd March, 1911.

TRADE MARK.

LAURUS

NAME.

SAMUEL FOX AND CO., LIMITED, of Stocksbridge Works, near Sheffield, England, Manufacturers.

No. of class: 13.

Description of goods: Umbrella ribs, stretchers, and frames of metal.

No. of application: 9432.
Date: 4th March, 1911.

TRADE MARK.

KIWI.

NAME.

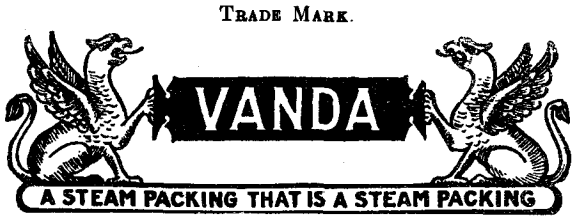
BRACE, WINDLE, BLYTH, AND CO., LIMITED, of Dunedin and Auckland, in the Dominion of New Zealand, and Walsall, England, Wholesale Saddlers and Saddlers' and Coach Ironmongers.

No. of class: 34.

Description of goods: Felt.

No. of application: 9435.
Date: 7th March, 1911.

TRADE MARK.



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

NAME.

THE VANDA COMPANY, a corporation organized under the laws of the State of New Jersey and having its principal place of business at 96 Spring Street, New York City, United States of America.

No. of class: 50.

Description of goods: Steam and pressure packing in sheet and coil form.

No. of application: 9436.
Date: 9th March, 1911.

TRADE MARK.

The word

DURBAR.

NAME.

ALBERT NEWCOMB AND CO., of Hall of Commerce, High Street, Auckland, in the Dominion of New Zealand, Import Merchants.

No. of class: 25.

Description of goods: Cotton laces.

No. of application: 9437.
Date: 9th March, 1911.

TRADE MARK.

The word

DURBAR.

NAME.

ALBERT NEWCOMB AND CO., of Hall of Commerce, High Street, Auckland, in the Dominion of New Zealand, Import Merchants.

No. of class: 38.

Description of goods: Boot and shoe insoles of all descriptions.

No. of application: 9438.
Date: 9th March, 1911.

TRADE MARK.

The word

DURBAR.

NAME.

ALBERT NEWCOMB AND CO., of Hall of Commerce, High Street, Auckland, in the Dominion of New Zealand, Import Merchants.

No. of class: 40.

Description of goods: Rubber heels and rubber soles.

No. of application: 9449.
Date: 10th March, 1911.

TRADE MARK.

The words

ALL RED.

The essential particulars of this trade mark are the words "All red."

NAME.

LANGGUTH AND CO., of Custom Street, Auckland, in the Dominion of New Zealand, Merchants.

No. of class: 45.

Description of goods: Tobacco and cigars.

No. of application: 9450.
Date: 10th March, 1911.

TRADE MARK.

The words

ALL RED.

The essential particulars of this trade mark are the words "All red."

NAME.

LANGGUTH AND CO., of Custom Street, Auckland, in the Dominion of New Zealand, Merchants.

No. of class: 47.
Description of goods: Candles, soap.

No. of application: 9451.
Date: 11th March, 1911.

TRADE MARK.

The word

MAIDA.

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

NAME.

THE NEW ZEALAND DAIRY ASSOCIATION, LIMITED, of Wellesley Street, Auckland, in the Dominion of New Zealand, Butter Manufacturers and Merchants.

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

No. of application: 9453.
Date: 11th March, 1911.

TRADE MARK.

The word

APEX.

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

NAME.

ELLIS AND MANTON, of Stout Street, Wellington, in the Dominion of New Zealand.

No. of class: 47.
Description of goods: Candles, soaps, and all other lines in this class.

No. of application: 9455.
Date: 11th March, 1911.

TRADE MARK.

The word

ROCK.

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

NAME.

ELLIS AND MANTON, of Stout Street, Wellington, in the Dominion of New Zealand.

No. of class: 47.
Description of goods: Candles, soaps, and all other lines in this class.

No. of application: 9466.
Date: 14th March, 1911.

TRADE MARK.

NAME.

WALLACE, SCOTT, AND CO., LIMITED, of 27 Cadogan Street, Glasgow, Scotland, Woollen-warehousemen.

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

No. of application: 9468.
Date: 14th March, 1911.

TRADE MARK.

NAME.

WALLACE, SCOTT, AND CO., LIMITED, of 27 Cadogan Street, Glasgow, Scotland, Woollen-warehousemen.

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

No. of application: 9471.
Date: 14th March, 1911.

TRADE MARK.

The word

GANDABAK.

NAME.

WALLACE, SCOTT, AND CO., LIMITED, of 27 Cadogan Street, Glasgow, Scotland, Woollen-warehousemen.

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

No. of application: 9472.
Date: 14th March, 1911.

TRADE MARK.

The word

DEXTER.

NAME.

WALLACE, SCOTT, AND CO., LIMITED, of 27 Cadogan Street, Glasgow, Scotland, Woollen-warehousemen.

No. of Class: 38.
Description of Goods: Articles of clothing.

No. of application: 9473.
Date: 14th March, 1911.

TRADE MARK.

WITCH

NAME.

THE NEW HYDROLEINE COMPANY, LIMITED, of the Castle Soap-works, Ashby-de-la-Zouch, Leicestershire, England, Manufacturers.

No. of class: 47.
Description of goods: Soaps included in this class.

No. of application: 9474.
Date: 14th March, 1911.

TRADE MARK.

S[T] IVEL

NAME.

APLIN AND BARRETT and the WESTERN COUNTIES CREAMERIES, LIMITED, of Newton Road, Yeovil, Somerset, England, Dairy-produce Merchants.

No. of class: 42.
Description of goods: Butter, cheese, cream, milk-powder, potted meats, fruits, fish, soups, meat-extracts, sausages, meat-pies, sauces, pickles, honey, puddings, jellies, and mincemeat.

J. C. LEWIS,
Registrar.

Trade Marks registered.

LIST of Trade Marks registered from the 3rd to the 16th March, 1911, inclusive:—

Nos. 7319/8508, 7320/8509. Fritz Erle Gesellschaft, m.b. H. Classes 42 and 44. (*Gazette* No. 32, of the 7th April, 1910.)

No. 7321/8592. — Imperial Light Company, Limited. Class 1. (*Gazette* No. 83, of the 8th September, 1910.)

No. 7322/8593. — Imperial Light Company, Limited. Class 18. (*Gazette* No. 32, of the 7th April, 1910.)

No. 7323/9202.—J. E. Pickles and Co. Class 34. (*Gazette* No. 108, of the 15th December, 1910.)

Trade Mark Renewal Fees paid.

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

Nos. 1924/1536.—2nd March, 1911.—C. G. F. Laurie, Auckland, N.Z. (C. H. Furness—R. Furness.) 2nd March, 1911.

No. 1935/1537.—12th March, 1911.—Jeyes' Sanitary Compounds Company, London, Eng. 11th March, 1911.

No. 1966/1576.—26th April, 1911.—R. Allen, Riccarton, N.Z. 6th March, 1911.

No. 2011/1644. — 7th June, 1911. — Nimmo and Blair, Dunedin, N.Z. 18th March, 1911.

No. 2034/1724.—18th June, 1911.—Eagle Pencil Company, New York, U.S.A. 11th March, 1911.

No. 2084/1811.—13th August, 1911.—H. A. Cole, Liverpool, Eng. 3rd March, 1911.

Trade Marks removed from the Register.

TRADE Marks removed from the Register owing to the non-payment of the renewal fee, from the 3rd to the 16th March, 1911, inclusive:—

No. 1867/1564. — 7th December, 1896. — Marriott Cycle Company, Limited, Birmingham and London, Eng. Class 22.

No. 1868/1481. — 7th December, 1896. — F. A. Edwards, London, Eng. Class 42.

No. 1869/1511.—20th November, 1896.—Jeyes' Sanitary Compounds Company, Limited, London, Eng. Class 2.

Application for Trade Mark opposed.

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

No. 8799.—S. J. Best and Co. Opposed by H. Brooks and Co.

Applications for Trade Marks abandoned or refused.

LIST of applications for registration of Trade Marks abandoned or refused from the 1st to the 28th February, 1911, inclusive:—

No. 8229.—1st September, 1909.—Bataafsche Petroleum-Maatschappij, of The Hague, Holland. Class 47.

No. 8265.—23rd September, 1909.—Champion and Slee, Limited, of London, Eng. Class 42.

No. 8270.—22nd September, 1909. — "Premier" Gas Engine Company, Limited, of Sandiacre, Eng. Class 6.

No. 8287.—6th October, 1909.—Bennett and Wood, Limited, of Sydney, N.S.W. Class 13.

No. 8351.—27th October, 1909.—O'Brien and Knight, of Waipori, N.Z. Class 6.

Nos. 8430 and 8431.—4th December, 1909.—J. R. Dodson and Son, of Nelson, N.Z. Classes 43 and 44.

No. 8434.—7th December, 1909.—H. O. Wiles, of Auckland, N.Z. Class 3.

No. 8482.—5th January, 1910.—J. C. Jones, of Christchurch, N.Z. Class 3.

No. 8506.—19th January, 1910.—J. Berger, of Wellington, N.Z. Class 39.

No. 8526.—28th January, 1910.—F. H. Cotton, of Christchurch, N.Z. Class 50.

No. 8542.—5th February, 1910. — Union Oil, Soap, and Candle Company, Limited, of Auckland, N.Z. Class 50.

No. 8563.—16th February, 1910. — F. Cole, of Christchurch, N.Z. Class 50.

No. 8576.—21st February, 1910.—P. King, of Auckland, N.Z. Class 38.

No. 9100.—18th October, 1910.—Lohmann and Co., of Bremen, Ger., and Sydney, N.S.W. Class 42.

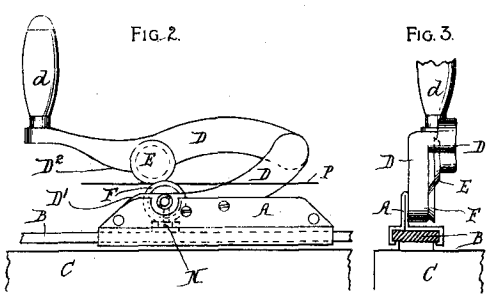
No. 9167.—21st November, 1910.—Rover Company, Limited, of Coventry, Eng. Class 22.

Nos. 9279 and 9280.—29th December, 1910.—W. S. Thomson and Co., Limited, of London, Eng. Class 38.

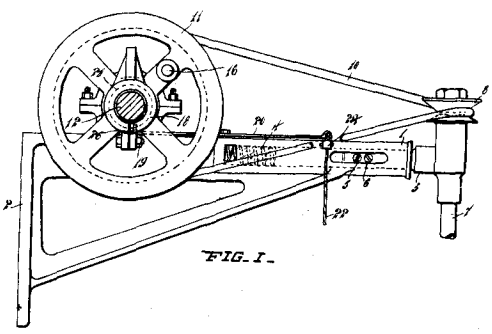
By Authority: JOHN MACKAY, Government Printer, Wellington.

ILLUSTRATIONS OF INVENTIONS.

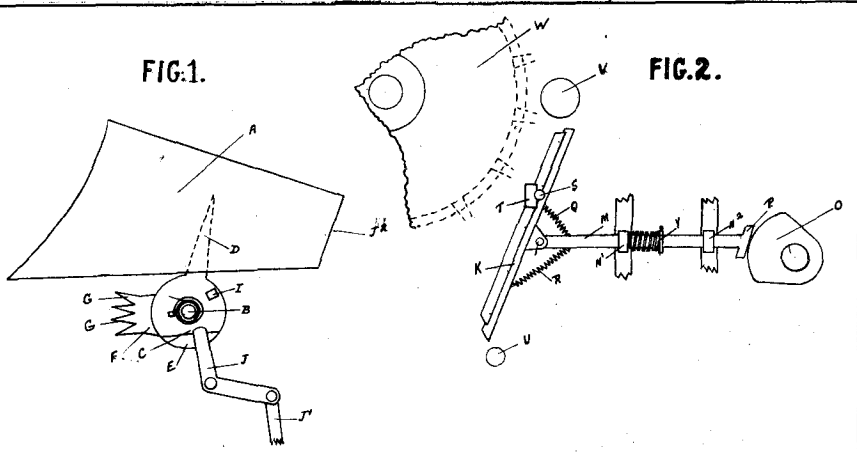
[These illustrations refer to the complete specifications accepted, and advertised in this *Gazette*.]



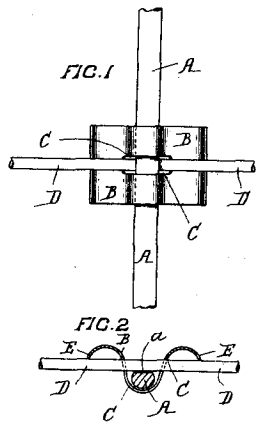
Corrugated-iron Cutter. Tomkies. 27421.



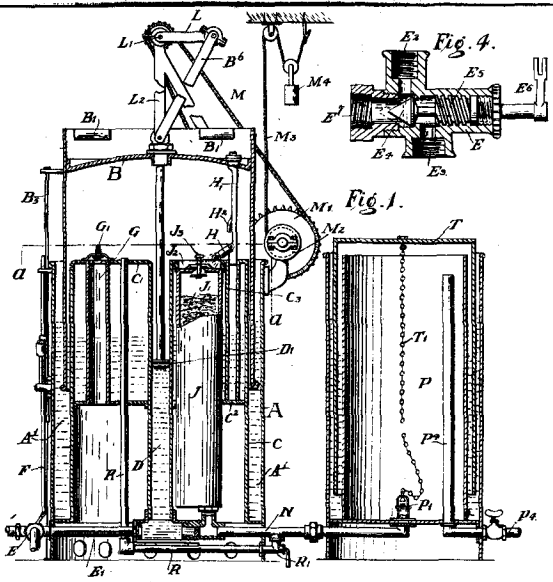
Shearing-machine-driving Gear. Caverhill. 27798.



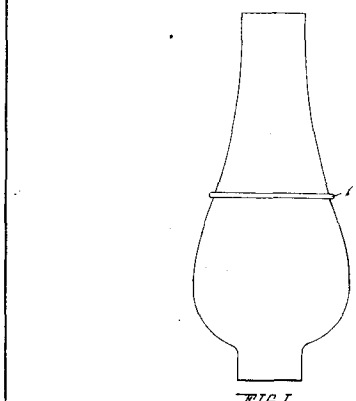
Flax-catcher. Suttie and Wynyard. 27673.



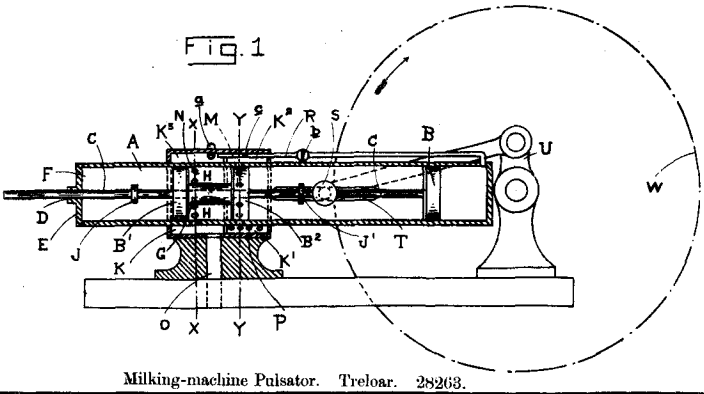
Fencing-dropper. Cluett. 27762.



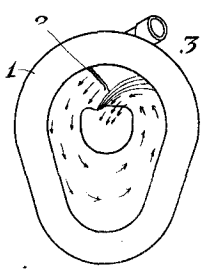
Gas-manufacturing Apparatus. Gilruth. 29047.



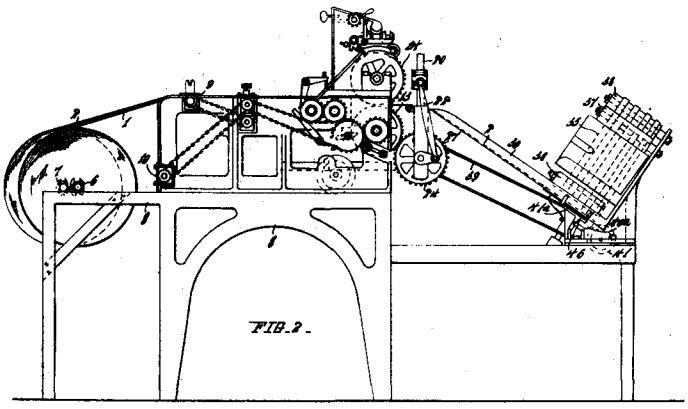
Lamp-chimney-breakage Preventer. Holm. 27761.



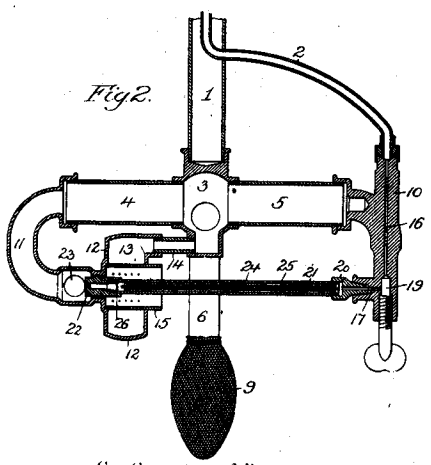
Milking-machine Pulsator. Treloar. 28263.



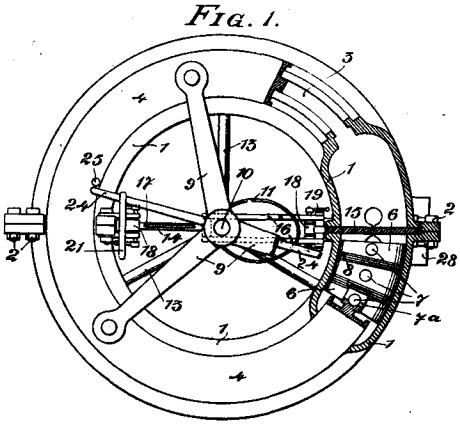
Closet-basin. McKellar. 29145.



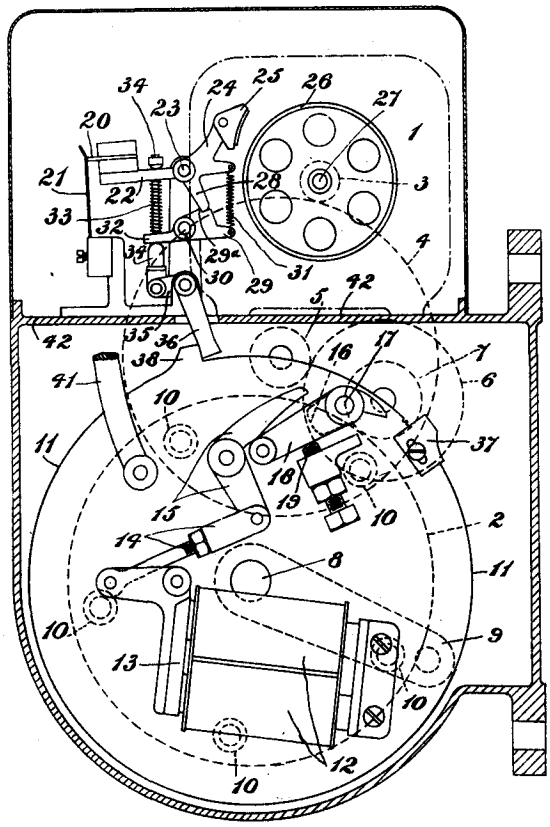
Printing, Numbering, Perforating, &c., Machine. Globe Printing Company (Limited). (Parker, Ffrost, and Salek.) 29121.



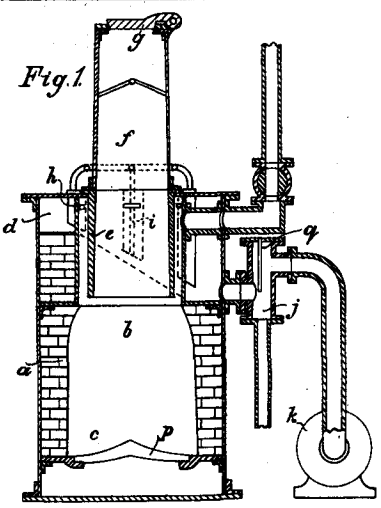
Gas Generator and Burner. Standard Light Company. (Conner.) 29139.



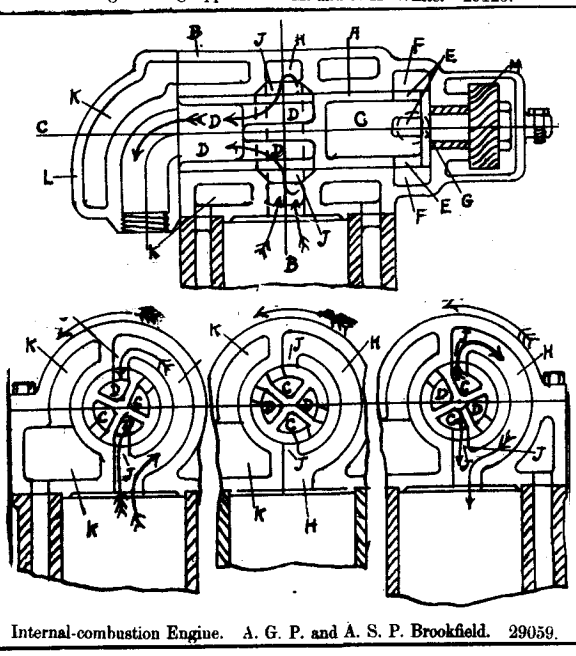
Rotary Engine. Madero. 29135.



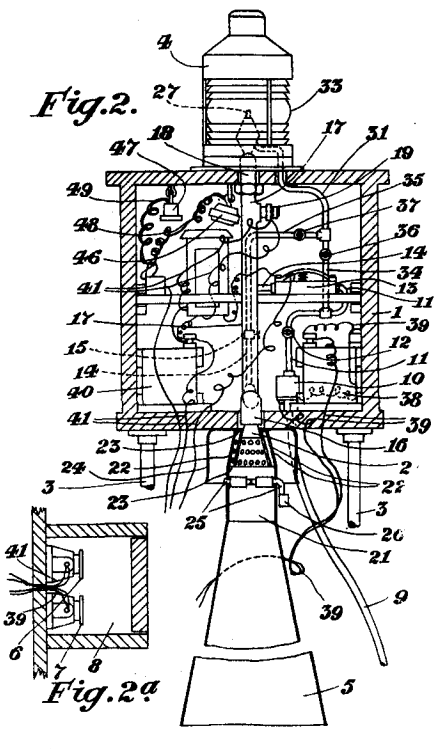
Signalling-apparatus. McKenzie and Holland (Limited) and Pearce. 29124.



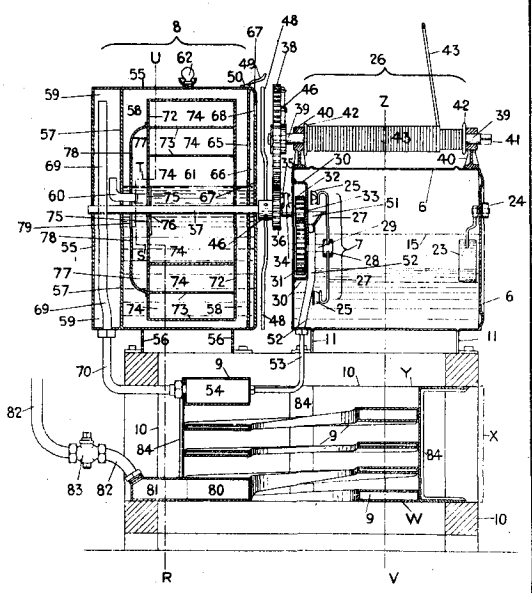
Gas-generating Apparatus. M. and J. H. White. 29125.



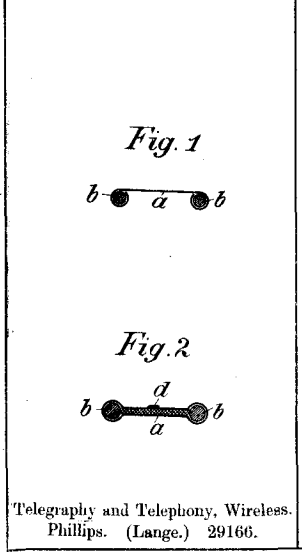
Internal-combustion Engine. A. G. P. and A. S. P. Brookfield. 29059.



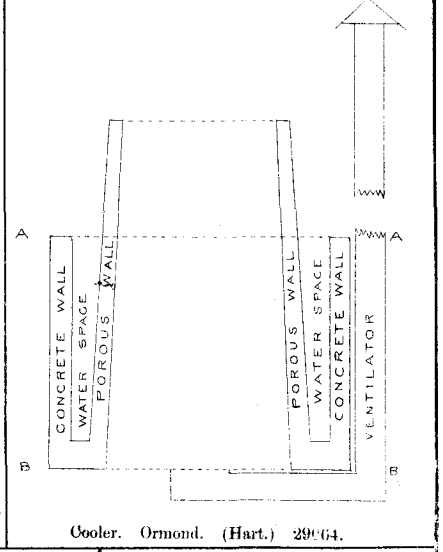
Signalling-apparatus. Moyes and Stevenson. 29108.



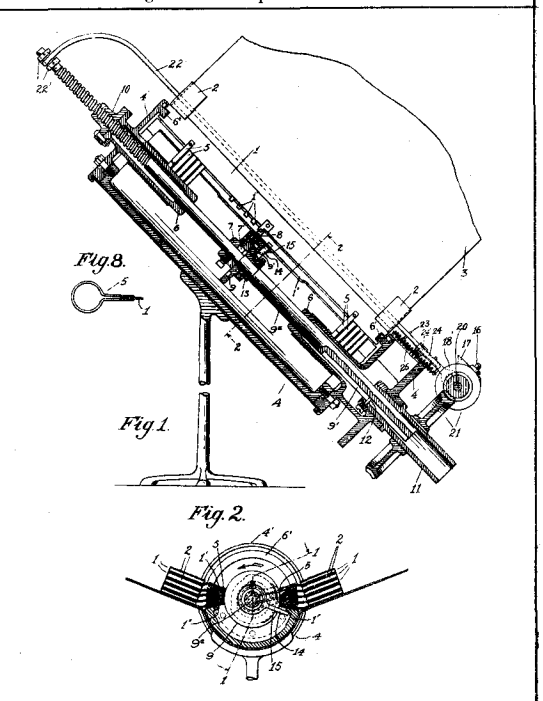
Gas-generator. Dapino. 29034.



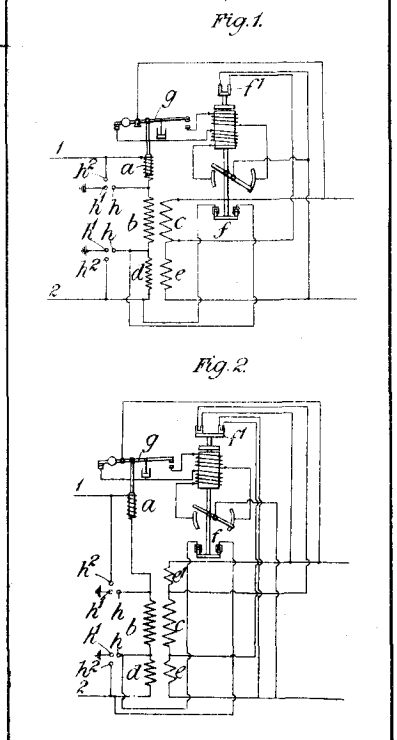
Telegraphy and Telephony, Wireless. Phillips. (Lange.) 29166.



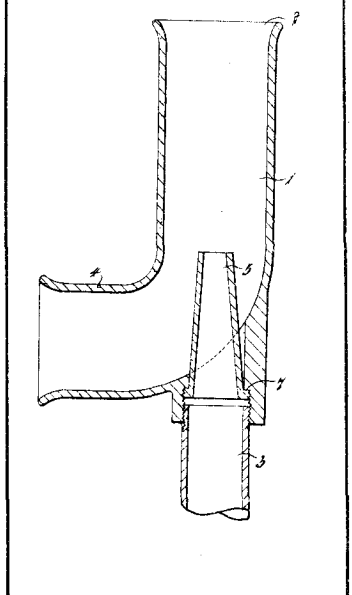
Cooler. Ormond. (Hart.) 29064.



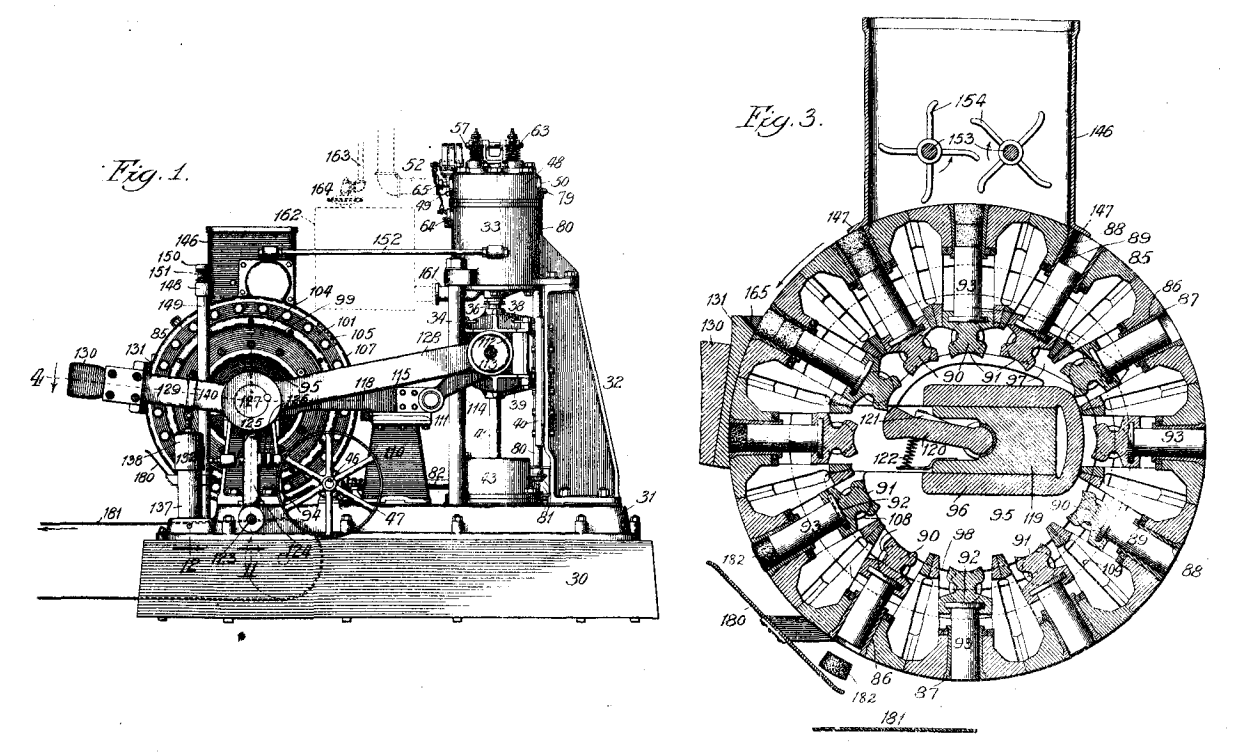
Display Apparatus. Wood. 29100.



Electrical-transmission System. Berry. 29159.



Steam-jet Silencer. Cooper. 29120.



Briquetting-apparatus. White and Duryea. 29111.

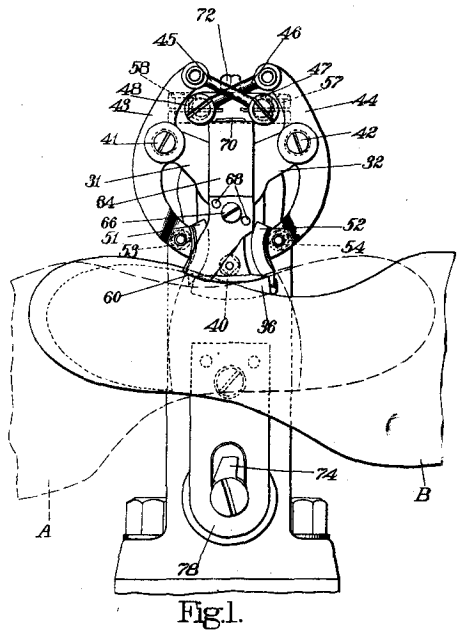
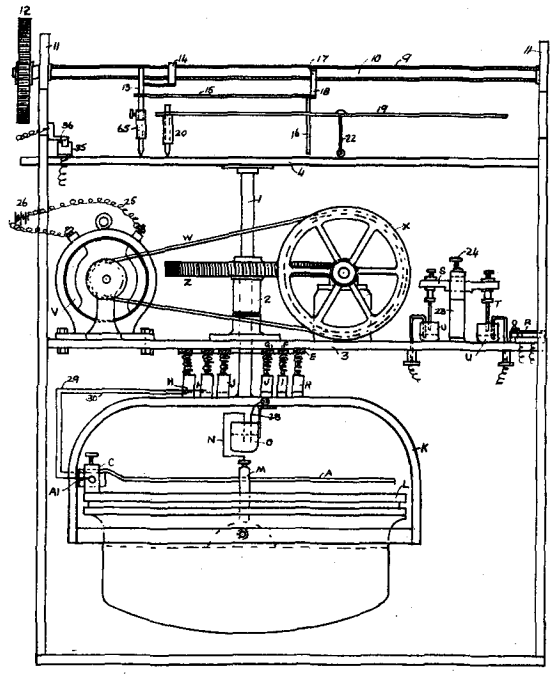
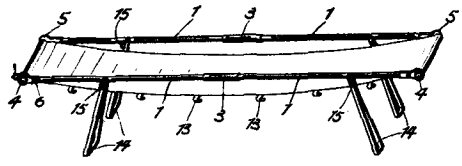


Fig.1.

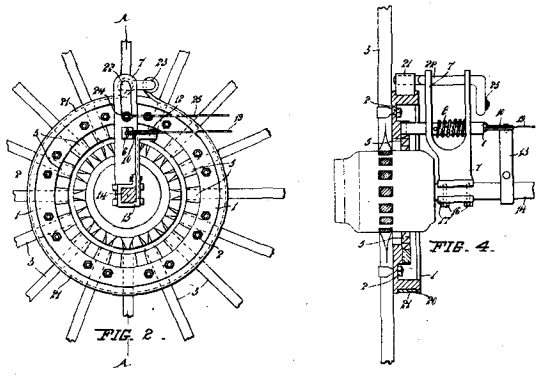
Boot-trimming Machine. United Shoe Machinery Company. (Perry.) 28108.



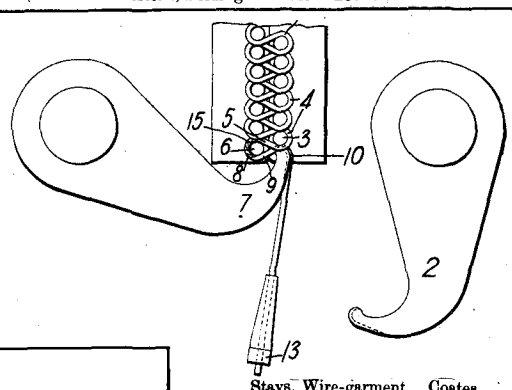
Vessel-course Recorder and Steering-gear. Attenborough. 28128.



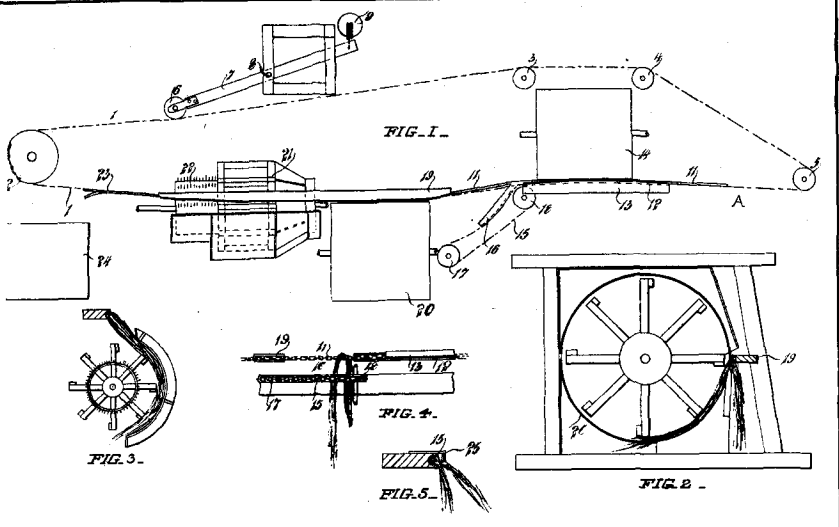
Bedstead, Folding. Bruno 28715.



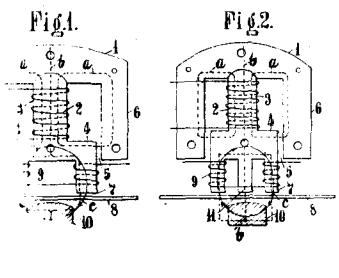
Vehicle-controller. Wainwright and Rison. 28586.



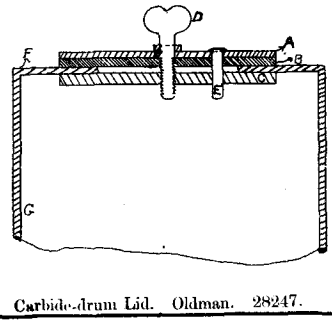
Stays, Wire-garment. Coates. (Spirella Company.—Beeman.) 28849.



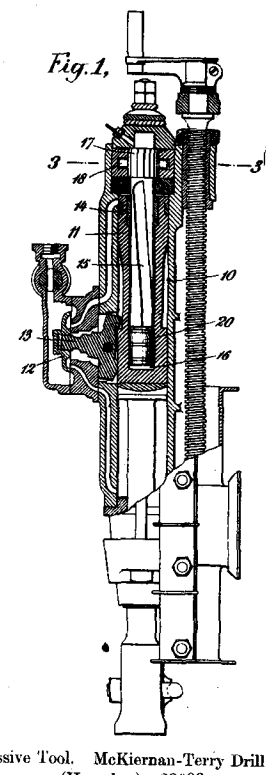
Flax-scutcher. Liggins. 28445.



North. 29189.



Carbide-drum Lid. Oldman. 28247.



Percussive Tool. McKiernan-Terry Drill Co pany. (Haeseler.) 29099.