



Patents, Designs, and Trade Marks

SUPPLEMENT

TO THE

NEW ZEALAND GAZETTE

OF

FRIDAY, FEBRUARY 9, 1912.

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ALPHABETICAL LISTS

OF

INVENTORS, INVENTIONS,

APPLICANTS FOR

REGISTRATION OF TRADE MARKS,

AND

APPLICANTS FOR REGISTRATION OF DESIGNS,

FOR QUARTER ENDED 31ST DECEMBER, 1911.

Alphabetical lists for the preceding quarters of the year 1911 appear in the following *Gazettes*: No. 37, of the 4th May, 1911; No. 79, of the 5th October, 1911; and No. 99, of the 1st December, 1911.

Alphabetical List of Applicants for Letters Patent for Quarter ended 31st December, 1911.

THIS list includes also (1) applications lodged prior to but gazetted during the quarter, (2) complete specifications following provisional specifications accepted and gazetted during the quarter. The first number and date are those of the application, the second (in parentheses) those of the *Gazette*. Where only one number and date are inserted, the application has not yet been accepted.

* Denotes a provisional specification. † Denotes a prior date under the International and Intercolonial Arrangements.

- Aickin, J., Auckland, New Zealand; ore-smelter; 30231, 16th September; (102, 14th December).*
- Aktiebolaget Mjolkkningsmaskinen Manus Norrköping, Sweden; milking-machine (G. E. Jonsson); 30635, 16th December.
- Albert, S., East Oxford, New Zealand; spouting-bracket; 30627, 14th December; (10, 8th February, 1912).*
- Alcock, R. J., Melbourne, Victoria; securing lids to tins, &c. (J. H. Thompson); 30650, 21st December; (10, 8th February, 1912).
- Alexander, W. J., Christchurch, New Zealand; tram-rail cleaner; 30602, 7th December; (10, 8th February, 1912).*
- Aldred, A. R. E., and another, Wellington, New Zealand; water-heater; 30513, 18th November; (102, 14th December).*
- Allen, H., and another, London, England; provision, &c., box; 30592, 5th December; (10, 8th February, 1912).
- Anderson, C. W., and another, Timaru, New Zealand; ironing-board; 30676, 28th December.
- Anderson, C. W., Christchurch, New Zealand; vibratory-massage apparatus; 30489, 11th November; (3, 11th January, 1912).
- Anderson, J., Tayport, N. Britain; windmill, &c., sail feathering; 30537, 18th March.†
- Anderson, J. C., and others, Dunedin, New Zealand; petrol-gas apparatus; 30544, 22nd November; (10, 8th February, 1912).
- Anderson, W. H., Wellington, New Zealand; cinematograph-attachment; 30630, 15th December.
- Anderson, W. H., Wellington, New Zealand; kinematograph-fan; 30644, 20th December.
- Andrew, N., Wanganui, New Zealand (Campbell Gas-engine Company, Limited—H. Campbell); generator and washer for New Zealand coals; 29540, 12th May; (99, 1st December).*
- Angus, W. M., Taradale, New Zealand; scaffold-bracket; 30320, 6th October; (99, 1st December).
- Apted, E., and others, Westport, New Zealand; upholsterer's needle; 30327, 6th October; (91, 16th November).*
- Armstrong, A. G., Timaru, New Zealand; fly-catcher; 30393, 11th October.
- Armstrong, D. H., Hawera, New Zealand; milking-machine milk receiver and deliverer; 29427, 25th April; (99, 1st December).
- Armstrong, E. J., Eltham, New Zealand; teat-cup; 30466, 7th November; (99, 1st December).*
- Armstrong, S., Te Uku, New Zealand; spanner; 30410, 24th October.
- Ashton, O., Swampscott, United States America (see United Shoe Machinery Company, No. 28709).
- Aston, W. I., Upper Riccarton, New Zealand; cycle foot-rest; 30498, 15th November.
- Austin, E. C., Wellington, New Zealand; tire-pump valve; 28815, 1st December, 1910; (102, 14th December).
- Automatic Electric Company, Chicago, United States America; telephone system (A. E. Keith); 30487, 7th November.
- Baker, F. G., Dunedin, New Zealand; hatpin; 30323, 5th October; (91, 16th November).*
- Baltzer, W. J., Sydney, New South Wales; mould for concrete bodies; 30330, 25th November, 1910†; (3, 11th January, 1912).
- Banes, E. E., Strathfield, New South Wales; white-lead, &c., production; 29528, 30th June, 1910†; (83, 19th October).
- Banfield, J. V., Busselton, Western Australia; fencing spinning-jenny; 30377, 18th October; (99, 1st December).*
- Barclay, G. M. L., St. Leonards, New Zealand; coal-weighting apparatus; 30548, 24th November; (3, 11th January, 1912).*
- Barnard, C. C. E., and another, Wellington, New Zealand; target; 30505, 16th November; (3, 11th January, 1912).*

APPLICANTS FOR LETTERS PATENT—continued.

- Barnes, F. S., Seddon, New Zealand; swingletree; 30507, 15th November; (3, 11th January, 1912).*
- Barnes, J. C., London, England; fan and blower; 30538, 23rd November; (3, 11th January, 1912).*
- Barnett, A., Waimataitai, skirt-ironing board; 30423, 26th October.
- Barr, M., and others, London, England; calculating machine; 30527, 22nd November; (3, 11th January, 1912).
- Barratt, M., Mosgiel, New Zealand; rail fish-plate; 30300, 4th October; (91, 16th November).*
- Barrett, G., Alfriston, New Zealand; broom-head and scraper; 30532, 22nd November; (10, 8th February, 1912).
- Barry, H. P., Waihi, New Zealand; rock-drill-dust trap; 30596, 4th December; (3, 11th January, 1912).*
- Bates, A., Leicester, England (see United Shoe Manufacturing Company, Nos. 28708, 28930, 30578).
- Bauert, W. H., Forbes, New South Wales; oil-can, &c.; 30571, 4th January.†
- Baylis, A. E., Pihama, New Zealand; composition for curing sore teats, &c.; 29568, 18th May; (79, 5th October).
- Baylis, G. H., Wellington, New Zealand; hair-pad; 28578, 13th October, 1910; (83, 19th October).
- Beagley, J., and another, Napier, New Zealand; scaffold-bracket; 30320, 6th October; (99, 1st December).
- Bedell, F. E., and another, Wellington, New Zealand; sound and light producing; 30511, 18th November; (3, 11th January, 1912).*
- Bedell, F. E., and another, Wellington, New Zealand; figure-displaying apparatus; 30512, 18th November; (3, 11th January, 1912).*
- Bedell, W. H., and another, Wellington, New Zealand; sound and light producing; 30511, 18th November; (3, 11th January, 1912).*
- Bedell, W. H., and another, Wellington, New Zealand; figure-displaying apparatus; 30512, 18th November; (3, 11th January, 1912).
- Bedford, F., and another, London, England; fatty-acid conversion; 30639, 20th December, 1910†; (10, 8th February, 1912).
- Beeton, H. R., and others, Hampstead, England; calculating-machine; 30527, 22nd November; (3, 11th January, 1912).
- Bell, F. L., and another, Norseman, Western Australia; mine-dust allayer; 30503, 16th November; (102, 14th December).*
- Bell, J. F., Kingsland, New Zealand; concrete-floor screed; 30638, 18th December; (10, 8th February, 1912).
- Bell, R. A., and others, Wimbledon, England; calculating-machine; 30527, 22nd November; (3, 11th January, 1912).
- Bennet, W., and another, Dunedin, New Zealand; toilet-paper holder, &c.; 30352, 10th October; (102, 14th December).*
- Bettini, G., Paris, France; cinematograph; 30464, 9th November, 1910.†
- Bewley, T. H., and another, Auckland, New Zealand; fire-kindler (J. J. Tregilgas); 30295, 3rd October; (102, 14th December).*
- Bicknell, P. E., Auckland, New Zealand; tie-exhibitor; 30460, 3rd November; (102, 14th December).
- Black, W. J., and another, Timaru, New Zealand; roofing-tile; 30326, 7th October; (102, 14th December).*
- Boll, P., Melbourne, Victoria (see R. S. Falkiner, No. 30305).
- Boraman, E., and others, Dunedin, New Zealand, egg-preserver; 30364, 13th October; (99, 1st December).*
- Bower, S. M., Wanganui, New Zealand; milk-sampler for milking-machines; 29996, 9th August; (102, 14th December).
- Brandes, A., and another, Hanover, Germany; treatment of liquids; 28762, 23rd November, 1910; (99, 1st December).
- Brewerton, A. E., and others, Brondesbury, England; electric-motor starting, &c.; 30483, 10th November; (3, 11th January, 1912).
- Bridgman, H. A., Mabel Bush, New Zealand; wire-reel holder; 30558, 24th November; (3, 11th January, 1912).*
- Brock, M., Roxbury, United States America (see United Shoe Machinery Company, Nos. 28534, 28843).
- Broughton, E., Auckland, New Zealand; tire inner tube; 30425, 24th October.
- Brown, F. E., Sydney, New South Wales; gas stove (W. White); 30472, 8th November; (3, 11th January, 1912).
- Brown, H. M., Brooklyn, United States America (see R. A. Canfield, No. 30579).
- Brown, J. E. C., Otekaieke, New Zealand; venetian-blind; 30459, 2nd November; (3, 11th January, 1912).*
- Brown, R. J., Saltwater Creek, New Zealand; gas-producer; 30419, 24th October; (102, 14th December).*

APPLICANTS FOR LETTERS PATENT—*continued.*

Brown, R., and another, Timaru, New Zealand; ironing-board; 30676, 28th December.

Brown, R., Donaghmore, Ireland; soap-manufacture; 30654, 22nd December; (10, 8th February, 1912).

Browne, M. A., Christchurch, New Zealand; kettle; 30577, 29th November.

Bruce, D., Te Pahu, New Zealand; milk-testing bucket; 30629, 13th December.

Bull, J. E., New Plymouth, tire-puncture detector; 30427, 28th October; (91, 16th November).*

Buller, J. R., Auckland, New Zealand; spraying-attachment; 29698, 5th June; (102, 14th December.)

Burgess, J., Beckenham, England; pail, &c., attachment; 30491, 3rd January.†

Burgess, W. L. H., Auckland, New Zealand; venetian-blind; 28692, 7th November, 1910; (79, 5th October).

Burn, R., Petone, New Zealand; folding telegraph-forms, &c.; 29555, 17th May; (102, 14th December).

Burke, J., Auckland, New Zealand; runaway-horse preventer; 30576, 27th November.

Burridge, C., Wairoa, New Zealand; water-tank filter; 30319, 6th October; (99, 1st December).

Burridge, S. V., Petone, New Zealand; skin-painter; 30598, 6th December.

Burrows, P. F., New Plymouth, New Zealand; hatpin; 30428, 28th October; (3, 11th January, 1912).*

Burton, J., Dunedin, New Zealand (see J. R. Park, No. 30396).

Butters, H., Bournemouth, England; fencing-dropper; 30657; 22nd December.

Butterworth, A. M., Pukekohe, New Zealand; concrete arch, &c., mould; 30358, 13th October; (91, 16th November).*

Cairns, J., Walsall, England; tire; 30296, 3rd October.

Cameron, A. J., Papakaio, New Zealand; sheep-dip race; 30337, 10th October; (99, 1st December).

Cameron, J., and another, London, England; provision, &c., box; 30592, 5th December.

Cameron, J. D., and another, Dunedin, New Zealand; street and station indicator; 30655, 22nd December.

Campbell Gas-engine Company, Limited, Halifax, England (see N. Andrew, No. 29540).

Campbell, H., Halifax, England (see N. Andrew, No. 29540).

Canfield, R. A., Rhode Island, United States America; stopper-making machine (W. S. Dorman and R. C. Manville); 30477, 9th November; (10, 8th February, 1912).

Canfield, R. A., Rhode Island, United States America; stopper-making machine (H. M. Brown); 30579; 1st December; (10, 8th February, 1912).

Carter, W. H., jun., Wellington, New Zealand; pastel and paint fixing on photographs; 30390, 20th October; (99, 1st December).*

Carter, W. H., jun., Wellington, New Zealand; fixing pastel, crayon, &c., drawings; 30520, 20th November; (3, 11th January, 1912).*

Casgrain, L. A., Beverly, United States America (see United Shoe Machinery Company, No. 28711).

Catling, J. T., Plaistow, England (see W. W. Martin, No. 28854).

Chapelle (see La Chapelle).

Chapman, H., Wanganui, New Zealand; milk-releaser; 29641, 31st May; (102, 14th December).

Chudleigh, J., and another, Haberfield, New South Wales; brake-valve; 30304, 23rd January†; (3, 11th January, 1912).

Christie, C., Sydney, New South Wales; earth-excavator; (H. H. M. Whittell); 29040, 25th January; (102, 14th December).

Chalmers, S. D., and another, London, England; illuminating objects; 30195, 12th September; (102, 14th December).

Citizens' Free Directory Company, Limited, Christchurch, New Zealand; street-directory (E. F. Lutz); 30386, 19th October; (102, 14th December).

Clapham, H., sen., Te Kuiti, New Zealand; gas-generator; 30312, 6th October; (91, 16th November).*

Clark, T. E., Hobsonville, New Zealand; building-construction; 30549, 24th November; (3, 11th January, 1912).

Clarkson, W., Hamilton, New Zealand; fencing-wire attaching; 30290, 2nd October; (99, 1st December).*

Clayton, C. W., Wanganui, New Zealand, wreck-locating buoy; 30322, 6th October; (99, 1st December).*

Clearwater, A. F., Christchurch, New Zealand; drawing-instrument; 30509, 17th November.

Clifford, W. T., Randwick, New South Wales; garment; 30504, 16th November.

Clingeffer, A. B., Stewart Island, New Zealand; hat-fastener; 30668, 23rd December.

APPLICANTS FOR LETTERS PATENT—*continued.*

Cocks, G. J., Hastings, New Zealand; wire-strainer; 30367, 16th October; (102, 14th December).

Colborne, R. F., Sydney, New South Wales; railway-carriage, &c.; 30383; 19th October; (102, 14th December).

Colborne, R. F., Sydney, New South Wales; railway hand-brake; 30384, 19th October; (102, 14th December).

Colborne, R. F., Sydney, New South Wales; railway-carriage window; 30385, 19th October; (102, 14th December).

Colefax, J., Murwillumbah, New South Wales; cow-milker; 30637, 15th December.

Collett, S. M., Timaru, New Zealand; Wool-pack clamping-cap; 30438, 1st November; (102, 14th December).*

Connors, W. F., Wellington, New Zealand; dental articulator; 30609, 8th December.

Conkling, C. C., Buffalo, United States America (see Lackawanna Steel Company, No. 30380).

Cooke, W. J., and another, Auckland, New Zealand; cask-spile; 30622, 13th December; (3, 11th January, 1912).*

Cooper, A. W., and another, Ouyen, Victoria; cultivator-share; 30613; 8th December.

Cooper, C., Mangatoki, New Zealand; spanner; 30409, 24th October; (3, 11th January, 1912).

Cooper, C., Mangatoki, New Zealand; pipe-wrench; 30562, 27th November.

Copeman Electric-stove Company, Flint, United States America; electric stove; (L. G. Copeman); 30493, 10th November.

Cotton, R. J., Waipori, New Zealand; bird-frightener; 30606, 6th December.

Coulls, Culling, and Company, Limited, Dunedin, New Zealand; manifolding invoice-sheet (W. E. Gregory); 30557, 24th November.

Courtney, W. J., Christchurch, New Zealand; pneumatic-tire cover; 30357, 12th October; (99, 1st December).*

Covell, G. S., Lynn, United States America (see United Shoe Machinery Company, No. 30333).

Cox, F., Auckland, New Zealand; boiler, &c., furnace; 30593, 5th December.

Coxhead, W. J., and another, Waitakaruru, New Zealand; washing-fluid; 29239, 10th March; (79, 5th October).

Crabb, H. A., and others, London, England; billiard, &c., cue; 30484, 23rd November, 1910†; (3, 11th January, 1912).

Craig, A., Wallacetown, New Zealand; engine-cylinder lubricator; 30665, 21st December.

Cranwell, B. F., Henderson, New Zealand; fruit-tree sprayer; 30660, 23rd December.

Crehan, P., and another, Limehills, New Zealand; hatpin; 30539, 21st November.

Crittall, F. H., Braintree, England (see A. Woolnough, No. 29436).

Crowe, P. L., Jersey City, United States America; stoker mechanism; 30417, 26th October; (3, 11th January, 1912).

Crowe, P. L., Jersey City, United States America; stoker mechanism; 30418, 26th October; (102, 14th December).

Cruickshank, C. M., and another, Timaru, New Zealand; roofing-tile; 30326, 7th October; (102, 14th December).*

Cuddy, A. C. J., and another, Christchurch, New Zealand; cricket-bat; 30424, 27th October; (3, 11th January, 1912).*

Cummings, A. J., Kyabran, Victoria; tailor's chalk-sharpener, &c.; 30485, 8th November; (3, 11th January, 1912).*

Cunningham, P. E., and another, Chidlow Wells, Western Australia; spark-arrester; 30523, 22nd November.

Cunningham, T., and another, Napier, New Zealand; vehicle-brake; 30469, 8th November; (3, 11th January, 1912).*

Currie, S. D., and another, Ngaruawahia, New Zealand; milk-delivery attachment to milk-can; 29708, 12th June; (83, 19th October).

Currie, S. D., Te Aroha, New Zealand; milking-machine teat-cups; 28927, 24th December, 1910; (91, 16th November).

Curtis, G. E., and others, Sydney, New South Wales; rabbit freezing and packing; 30313, 5th October; (91, 16th November).

Curtis, O., and others, Sydney, New South Wales; rabbit freezing and packing; 30313, 5th October; (91, 16th November).*

Dally, C. Y., Hastings, New Zealand; jug-cover; 30368, 16th October; (99, 1st December).*

Datson, H. A., Westport, New Zealand; sash and venetian-blind lift; 30628, 11th December.

Davidge, J. B., Gisborne, New Zealand; cooking-apparatus; 30392, 20th October.

Davidson, G., Dunedin, New Zealand; trolley-pole-point shifter; 30474, 7th November.

APPLICANTS FOR LETTERS PATENT—*continued.*

Davies, J. L., Christchurch, New Zealand; electric-circuit breaker; 30643, 19th December; (10, 8th February, 1912).

Davies, J. L., Christchurch, New Zealand; goods-display bracket; 30624, 12th December.

Davis, C. H., Wanganui, New Zealand; milk-releaser; 30479, 9th November; (102, 14th December).

Davis, C. H., Wanganui, New Zealand; milk-releaser; 30675, 28th December.

Davy, C. F., and another, Fitzroy, New Zealand; non-refillable bottle; 30467, 7th November; (102, 14th December).*

Davy, C. F., and another, Fitzroy, New Zealand; non-refillable bottle; 30519, 20th November; (3, 11th January, 1912).*

Dawson, W. A., Fortrose, New Zealand; bee-feeder; 30645, 20th December.

Dawson, W. R., and others, Auckland, New Zealand; hatpin-point protector; 30374, 16th October; (3, 11th January, 1912).*

Deacon, M., and others, London, England; filtering-apparatus; 29755, 20th June; (83, 19th October).

Deister, E., Fort Wayne, United States America; ore-concentrator; 30440, 30th October; (102, 14th December).

Dennison, W. N., Camden, United States America; talking-machine; 30378, 20th October, 1910.†

Deschamps, J. M., and another, Brisbane, Queensland; retorts for burning charcoal; 30217, 14th March†; (102, 14th December).

Donald, D., Masterton, New Zealand; crowbar, &c.; 30373, 17th October; (91, 16th November).*

Donges, J., Drayton, Queensland; screening-mechanism; 30260, 27th September; (102, 14th December).

Dorman, W. S., Brooklyn, United States America (see R. A. Canfield, No. 30477).

Dossor, F. M., Wheatly, England, seed-cleaner; 30524, 22nd November; (3, 11th January, 1912).

Douglas, H. M., Wellington, New Zealand; loose-leaf book; 28794, 29th November, 1910; (88, 2nd November).

Downham, J., Bury, England; fibre-decorticator; 28385, 20th October, 1909†; (91, 16th November).

Drey, W. J., Catawissa, United States America (see United Shoe Machinery Company, Nos. 28845, 28846).

Droutledge, H., Auckland, New Zealand; teat-cup lining; 28595, 14th October, 1910; (83, 19th October).

Dudfield, W. G., Melbourne, Victoria; blanket antiseptic treatment; 30457, 4th November.

Duggan, W., jun., Dunedin, New Zealand; door-closing apparatus; 30555, 23rd November; (3, 11th January, 1912).*

Dynes, T. M., Christchurch, New Zealand; motor, &c., tire; 30345, 11th October.

Dyson, J., Geelong, Victoria; wool-treatment; 30664, 22nd December; (10, 8th February, 1912).

Earl, M., Otaio, New Zealand; securing plough-skeith to plough-beam; 29244, 11th March; (91, 16th November).

East, J., Gisborne, New Zealand; fencing-dropper, &c.; 30426, 28th October.

Edgar, H., Karangahake, New Zealand; rock-drill; 30530, 22nd November; (3, 11th January, 1912).

Escott, W., and others, Dunedin, New Zealand; petrol-gas apparatus; 30544, 22nd November; (10, 8th February, 1912).

Evans, F. T. F., Auckland, New Zealand; harrow; 30311, 6th October; (91, 16th November).*

Ewing, S., Annandale, New South Wales; ginger-preserving process; 30646, 21st December.

Falkiner, R. S., Melbourne, Victoria; sheep-shearing-machine gear (P. Boll); 30305, 24th November†; (99, 1st December).

Fell, J. W., and another, Sydney, New South Wales; brake-valve; 30304, 23rd January†; (3, 11th January, 1912).

Ferra, P., Caluire-et-Cuire, France; insulating-compound; 30590, 9th December, 1910.†

Ferry, J. C., Leichhardt, New South Wales; hip pocket for trousers, &c.; 30266, 29th May†; (102, 14th December).

Findon, J. E. S., and another, Dunedin, New Zealand; soldering aluminium; 30403, 25th November.

Firth, T., Wellington, New Zealand; candlestick; 30518, 20th November; (3, 11th January, 1912).

Fitchett, W. H., Shannon, New Zealand; flower-carrier; 30434, 31st October; (102, 14th December).*

Fitzharris, M. J., Morven, New Zealand; potato-digger; 30535, 22nd November.

Floessell, W. F., Sydney, New South Wales; rail dog-spike; 30343, 24th November, 1910†; (102, 14th December).

APPLICANTS FOR LETTERS PATENT—*continued.*

Foley, J., and another, Revere, United States America (see United Shoe Machinery Company, No. 29075).

Forse, L., and others, Yeovil, England; vehicle-wheel; 29682, 8th June, 1910†; (79, 5th October).

Forseck, J., Mexico; hackling-machine; 30556, 24th November.

Forsman, A. L., and another, Waharoa, New Zealand; cot-attachment to bedstead; 30550, 24th November; (3, 11th January, 1912).*

Forsman, R. A., and another, Waharoa, New Zealand; cot-attachment to bedstead; 30550, 24th November; (3, 11th January, 1912).*

Fothergill, G. W., Upper Hutt, New Zealand; circular-saw guard; 28880, 15th December, 1910; (91, 16th November).

Fraser, W. A., and another, Auckland, New Zealand; fire-kindler (J. J. Tregilgas); 30295, 3rd October; (102, 14th December).*

Friedman, L. H., Melbourne, Victoria; typewriter; 30674, 28th December; (10, 8th February, 1912).

Fry, R. J., Kensington, Victoria; horseshoe-machine; 30288, 21st February.†

Fry, R. J., Kensington, Victoria; horseshoe-shaping machine; 30289, 1st April.†

Furber, M., Revere, United States America (see United Shoe Machinery Company, No. 30599).

Gallus, H., Mount Somers, New Zealand; hatpin; 30565, 28th November.

Garner, J. A. C., Dunedin, New Zealand; phonographic, &c., diaphragm; 30611, 8th December.

Garner, J. A. C., Dunedin, New Zealand; phonograph; 30612, 8th December.

Gates, B. de B., Dunedin, New Zealand; Pelton bucket-wheel; 30397, 18th October; (102, 14th December).*

Gauntlett, A. T., Christchurch, New Zealand; tire-cover; 30356, 12th October; (91, 16th November).*

Gay, G. W., Buenos Aires, Argentina; railway-car coupler; 30353, 13th October.

Geake, W. H. G., Sydney, New South Wales; shirt, &c.; 29329, 31st January†; (102, 14th December).

Geary, F. W., East Maitland, New South Wales; water-tank overflow; 28817, 1st December, 1910; (83, 19th October).

Gibbs, G., Motueka, New Zealand; beer, &c., cooler; 30492, 11th November.

Gibson, C. B., and another, Grey Lynn, New Zealand; goods-displaying standard and bracket; 30575; 28th November; (3, 11th January, 1912).*

Gilberd, G., Henderson, New Zealand; oil-lamp stove; 30554, 23rd November.

Gill, A. E., Redwood's Valley, New Zealand; clod-crusher; 30581, 1st December.

Gilmour, J., Gisborne, New Zealand; coupling for repairing leaky water-mains; 28919, 23rd December, 1910; (99, 1st December).

Girard, V. F., and another, Palmerston North, New Zealand; flax-dresser; 30494, 11th November; (3, 11th January, 1912).*

Gjetting, R. H. J., Copenhagen, Denmark (see Malkemaskinekompagniet Patent Gandil, Limited, Nos. 30354 and 30355).

Glass, H. A., Christchurch, New Zealand; spade-attachment; 30369, 16th October; (99, 1st December).*

Glass, J. W., Henley, New Zealand; rubber stamp; 30441, 30th October; (102, 14th December).

Glass, J. W., Henley, New Zealand; cheese-cloth; 30443, 30th October; (102, 14th December).*

Glidden, L. L., Natick, United States America (see United Shoe Machinery Company, No. 28944).

Goodin, G. L., Cheltenham, New Zealand; plough; 30678, 29th December.

Gore, W., and others, London, England; filtering-apparatus; 29755, 20th June; (83, 19th October).

Gouldbourn, J., Leicester, England (see United Shoe Machinery Company, No. 28708).

Graham, A. I., Wellington, New Zealand; electrical controller; 30659, 23rd December.

Graham, S., and another, Wendon, New Zealand; vehicle-spring pressure-equalizer; 30540, 23rd November.

Graham, W. T., Wendon, New Zealand; vehicle-spring pressure-equalizer; 30540, 23rd November.

Greenslade, J., Prebbleton, New Zealand; suction-fan for white-coat lifter; 28722, 10th November, 1910; (79, 5th October).

Gregory, D., Mercer, New Zealand; disc harrow; 30594, 2nd December.

Gregory, G., Remuera, New Zealand; dress-hook fastening; 30595, 4th December.

Gregory, W. E., Dunedin, New Zealand; telegram-form; 30363, 13th October; (91, 16th November).*

APPLICANTS FOR LETTERS PATENT—*continued.*

Gregory, W. E., Dunedin, New Zealand (see Coulls, Culling, and Co., Limited, No. 30557).

Griffin, R., Carlton, Victoria; self-cleaning skip or truck; 30541, 22nd November; (3, 11th January, 1912).*

Griffiths, A. J., and another, Khandallah, New Zealand; water-heater; 30513, 18th November; (102, 14th December).*

Griffiths, E. W., New Plymouth, New Zealand; envelope; 30331, 5th October.

Hainsworth, A. J., Wellington, New Zealand; heating-water apparatus; 29433, 25th April; (99, 1st December).

Hannon, J. M., Coburg, Victoria; men's braces; 30647, 21st December; (10, 8th February, 1912).

Hardley, C. E., Auckland, New Zealand; bath-leg; 30329, 5th October; (99, 1st December).

Hardley, C. E., Auckland, New Zealand; bath; 30347, 11th October; (102, 14th December).

Hargreaves, C., and another, Tokomaru, New Zealand; flax stripper and washer; 30617, 12th December; (3, 11th January, 1912).*

Hargreaves, C., and another, Tokomaru, New Zealand; flax-catcher trip-gear; 30671, 28th December.

Harrison, H., St. Albans, New Zealand; slate-pencil painter and advertiser; 30536, 22nd November.

Harrison, R. E., Kohukohu, New Zealand; window-sash; 30324, 7th October; (102, 14th December).

Hart, J. A., Blackburn, England; gas-compressor; 30446, 1st November; (102, 14th December).

Hart, W., and another, Brisbane, Australia; retorts for burning charcoal; 30127, 14th March†; (102, 14th December).

Harvey, N., Wellington, New Zealand; electric-lamp holder; 30286, 2nd October; (91, 16th November).*

Hastings, C. D., Detroit, United States America; vehicle-spring (E. A. Nelson); 30415, 26th October.

Haughton, R. S., Wellington, New Zealand; filling liquid into jars; 30365, 16th October.

Hayes, E., Oturehua, New Zealand; wire-coiler; 30303, 2nd October; (102, 14th December).

Hayes, E., Oturehua, New Zealand; windmill; 30597, 4th December.

Hayman, W. H., Studholme Junction, New Zealand; sheaf-elevator; 30420, 24th October.

Henderson, W., and another, Oamaru, New Zealand; cooking-utensil; 30463, 6th November; (3, 11th January, 1912).*

Henderson, W., and another, Norseman, Western Australia; mine-dust allayer; 30503, 16th November; (102, 14th December).*

Herring, F., and another, Palmerston North, New Zealand; flax-dresser; 30494, 11th November; (3, 11th January, 1912).*

Higbee, O. J. W., Bridgeville, United States America; vacuum-wall receptacle; 30465, 29th November, 1910†; (3, 11th January, 1912).

Hill, E. P., and others, Auckland, New Zealand; liquid-vessel, &c.; 30339, 9th October; (91, 16th November).*

Hill, G. S., Strafford, United States America (see United Shoe Machinery Company, No. 29018).

Hill, R. P., Auckland, New Zealand; coupling taps to hose; 30412, 24th October; (99, 1st December).*

Hill, R. P., Auckland, New Zealand; lock; 30448, 31st October; (3, 11th January, 1912).*

Hill, R. P., Auckland, New Zealand; cleaning water-pipes; 29156, 20th February; (91, 16th November).

Hind, A., Sydney, New South Wales; machine sheep-shear hand-piece; 30502, 16th November; (102, 14th December).*

Hodgson, J. J., and another, Manaia, New Zealand; pasteurizer; 30388, 18th October; (99, 1st December).*

Hogan, M., and others, Auckland, New Zealand; hatpin-point protector; 30374, 16th October; (3, 11th January, 1912).*

Holden, W. E., Auckland, New Zealand; advertising-apparatus; 30444, 1st November; (102, 14th December).*

Holden, F., Auckland, New Zealand; game; 30551, 22nd November; (3, 11th January, 1912).*

Holley, C., Mikonui, New Zealand; cow-leg grip; 30408, 24th October; (102, 14th December).*

Holmes, G. G., jun., Pigeon Bay, New Zealand; tobacco-pipe attachment; 30308, 3rd October; (91, 16th November).*

Holmes, J. S., Alfredton, New Zealand; flooring, &c., cramp; 30582, 2nd December; (3, 11th January, 1912).*

Honey, S. R., Callaghans, New Zealand; railway-truck, &c., coupling; 30677, 16th December.

Honywood, G., Dunedin, New Zealand; dust-preventer; 30666, 21st December.

APPLICANTS FOR LETTERS PATENT—*continued.*

Hope-Johnstone, C. H. E., Tahikarama, New Zealand; infants' milk preparation; 30570, 29th November; (10, 8th February, 1912).

Hopkinson, P., Auckland, New Zealand; paint; 30310, 5th October; (102, 14th December).*

Hoskins, G. J., Sydney, New South Wales, metal-mould ladle; 30501, 16th November; (3, 11th January, 1912).

Hoskins, G. J., Sydney, New South Wales; pipe-casting mould; 30649, 21st December; (10, 8th February, 1912).

Hotz, C., and another, Dunedin, New Zealand; toilet-paper holder; 30352, 10th October; (102, 14th December).*

House, J., Melbourne, Victoria; timber-seasoning; 28810, 1st December, 1910; (91, 16th November).

Howell, J., Waipiata, New Zealand; wire-strainer; 30317, 4th October.

Hudson, F., Victoria, Australia; table-top; 28916, 21st December, 1910; (91, 16th November).

Huebner-Bleistein Patents Company, Buffalo, United States America; photographic-printing apparatus (W. C. Huebner); 30490, 11th November; (3, 11th January, 1912).

Huebner, W. C., Buffalo, United States America (see Huebner-Bleistein Patents Company, No. 30490).

Hulbert, B. D., Auckland, New Zealand, billiard-table; 30315, 3rd October.

Humphries, A. E., Melbourne, Victoria; clutch; 30673, 28th December; (10, 8th February, 1912).

Humphrey, H. A., London, England; liquids forcing or raising; 30560, 30th September.†

Humphrey, H. A., London, England; gas-compressor, &c.; 30603, 17th January.†

Hunter, W. E., Maungakarama, New Zealand; chimney-sweeper; 30359, 11th October.

Hunter, W. E., Maungakarama, New Zealand; clothes-peg; 30476, 2nd November; (3, 11th January, 1912).*

Hunter, W. E., Maungakarama, New Zealand; wire-strainer; 28752, 16th December, 1910; (91, 16th November).

Hurley, D. J., Sale, Victoria; door, &c., holder; 30298, 3rd October; (91, 16th November).*

Hutchinson, C. H., and others, London, England; billiard-cue, &c.; 30484, 23rd November, 1910†; (3, 11th January, 1912).

Hutchinson, G. W., Walton, New Zealand; internal-combustion engine; 29061, 27th January; (99, 1st December).

Hutchinson, G. W., Walton, New Zealand; sparking-regulator, internal-combustion engine; 29168, 24th February; (99, 1st December).

Imlay, W. L., Philadelphia, United States America; gold-recovery from ore; 30341, 11th October; (102, 14th December).

Internal-combustion Engine Cleaning Company, Limited, London, England; cleaning combustion-engine chamber; G. St. B. S. Watkins); 30648, 21st December; (10, 8th February, 1912).

Ireland, H. E., and another, Wahgunyah, Victoria; wire-strainer; 30500, 8th December, 1910.†

Jacobsen, W., and another, Musselburgh, New Zealand; street and station indicator; 30655, 22nd December.

Jacobsen, C. T. O., Auckland, New Zealand; window-fastener; 30372, 14th October.

Jacomb, F. N., Epsom, New Zealand; propeller; 30553, 27th November.

Jacomb, F. N., Epsom, New Zealand; perpetual motion; 30601, 13th December.

Jerram, A. E., Leicester, England (see United Shoe Machinery Company, No. 28708).

Jervie, A. J., and another, Petersham, New South Wales; potato-dropper; 30411, 25th October; (102, 14th December).

Jessep, H. C., Wellington, New Zealand; cash register printing-cylinder; 30586, 5th December.

Johnson, C. C., Ashburton, New Zealand; casement-stay; 30433, 3rd October; (102, 14th December).*

Johnstone (see Hope-Johnstone).

Jones, D., Whangarei, New Zealand; steam-generator furnace; 30404, 24th October; (91, 16th November).*

Jones, D., Whangarei, New Zealand; steam-generator furnace; 30447, 1st November; (102, 14th December).*

Jones, J. R. C., Auckland, New Zealand; vehicle-brake; 28702, 7th November, 1910; (79, 5th October).

Jonsson, G. E., Norrköping, Sweden (see Aktiebolaget Mjolkkningsmakinen Manus, No. 30635).

Joseph, L., Sydney, New South Wales; bedsteads; 30183, 13th September, 1910†; (102, 14th December).

Joy, W. G., Auckland, New Zealand; floor-polisher; 30437, 30th October; (102, 14th December).*

APPLICANTS FOR LETTERS PATENT—*continued.*

- Keith, A. E., Hinsdale, United States America (see Automatic Electric Company, No. 30487).
- Kelly, J., Invercargill, New Zealand; concrete-construction; 30517, 17th November; (3, 11th January, 1912).*
- Kettle, F., Dunedin, New Zealand; grate, &c., heater; 30458, 2nd November.
- Kettle, H. G., Dunedin, New Zealand; milk-pipes for milking-machines; 28856, 7th December, 1910; (99, 1st December).
- Keyes, E. L., and another, Boston, United States America (see United Shoe Machinery Company, No. 30587).
- Kidd, T., Invercargill, New Zealand; milking-apparatus; 28448, 16th September, 1910; (79, 5th October).
- Kidd, T., Invercargill, New Zealand; milking-machine; 28449, 16th September, 1910; (79, 5th October).
- Kidd, T., Invercargill, New Zealand; milking-apparatus; 28893, 16th December, 1910; (83, 19th October).
- Kirkwood, J. C. P., Wellington, New Zealand; temperature-regulator; 28694, 7th November, 1910; (91, 16th November).
- Kowastch, A., New York, United States America; blasting-charge; 30416, 26th October; (3, 11th January, 1912).
- Kuschert, F. C. W., and another, Wahgunyah, Victoria; wire-strainer; 30500, 8th December, 1910.†
- La Chapelle, E. J., and another, Beverly, United States America (see United Shoe Machinery Company, No. 28774).
- Lackawanna Steel Company, New York, United States America; metal-sheet piling; (C. C. Conkling); 30380, 16th October; (102, 14th December).
- Laing, A., Newcastle-on-Tyne, England; liquid-fuel furnace; 30486, 7th November.
- Larkin, G. N., Sydney, New South Wales; crockery-washer; 30619, 24th December, 1910.†
- Laurenson, J. B., and another, Maniaia, New Zealand; pasteurizer; 30388, 18th October; (99, 1st December).*
- Lecoutre, A. J., Worcester, United States America; corset; 28852, 18th December, 1909†; (102, 14th December).
- Leeson, W. E., Christchurch, New Zealand; aerated-water-fountain cylinder; 30391, 20th October; (91, 16th November).*
- Leslie, H. M., Glasgow, Scotland; ore-treatment; 30402, 24th October; (10, 8th February, 1912).
- Lethaby, J., Westport, New Zealand; pipe-stand; 30387, 18th October; (99, 1st December).*
- Leuscher, E., Hamburg, Germany; casein-manufacture; 30342, 11th October; (10, 8th February, 1912).
- Levinge, H. M., Okato, New Zealand; clothes-line; 30640, 19th December.
- Levinge, H. M., Okato, New Zealand; soda, potash, &c., preparation; 29804, 4th October; (88, 2nd November).
- Levy, S., Sydney, New South Wales; boot; 29723, 14th June; (91, 16th November).*
- Liedke, W., Berlin, Germany (see Olso Licht Gesellschaft Halbmayr and Co., Nos. 30406, 30407).
- Lind, W. S., Wanganui, New Zealand; attaching traces to the hames of horse-collars; 28990, 13th January; (99, 1st December).
- Lindstrom, K. I., Nykvarn, Sweden; milking-machine; 30348, 11th October; (99, 1st December).
- Lobnitz, F., Crookston, Scotland; rock-cutter; 30413, 26th October; (102, 14th December).
- Lockwood, A. A., Honor Oak, England (see Turbo Amalgamator and Extraction Company, Limited, No. 30528).
- Logan, W. S., Dunedin, New Zealand; water-mill; 30301, 4th October; (102, 14th December).
- Logan, W. S., Dunedin, New Zealand; mirror and stand; 30488, 10th November; (3, 11th January, 1912).
- Long, W. P. J., Gisborne, New Zealand; rifle-cleaner; 30370, 14th October; (99, 1st December).*
- Lunn, A. G., Auckland, New Zealand; loose-leaf pocket-book; 30615, 11th December; (S. Walker, Manchester, England).
- Lunn, J., Dunedin, New Zealand; gasometer-foundation; 30294, 30th September.
- Luther, W. H., Glasgow, Scotland; roof-light, &c.; 30328, 6th October; (102, 14th December).
- Lutz, E. F., Christchurch, New Zealand (see Citizens' Free Directory Company, Limited, No. 30386).
- Lyell, A., Wellington, New Zealand; non-refillable bottle; 28860, 9th December, 1910; (83, 19th October).
- McAdam, P., Oamaru, New Zealand (see M. W. Silverstone, No. 30559).
- McAuslin, D., Mosgiel, New Zealand; boot; 29020, 17th January; (83, 19th October).*
- McCarthy, C. R., and another, South Hillend, New Zealand; hatpin; 30539, 21st November.

APPLICANTS FOR LETTERS PATENT—*continued.*

- McCormick, H. S., Berkeley, United States America; heater-attachment for explosive engine; 30534, 22nd November.
- McCormack, T., Dunedin, New Zealand; range-fire door; 30633, 13th December.
- McCormack, T., Dunedin, New Zealand; high-pressure boiler; 30634, 13th December.
- McDonald, A., and another, Dunedin, New Zealand; crowbar; 30350, 10th October; (91, 16th November).
- McDonald, D. M., Donnybrook, Victoria; cream-cooler, &c.; 28472, 22nd September, 1910; (79, 5th October).
- McDougall, I., and others, Manchester, England; sheep-dip, &c.; 30334, 10th October.
- McDougall, I. S., and others, Manchester, England; sheep-dip, &c.; 30334, 10th October.
- McDougall, S., and others, Manchester, England; sheep-dip, &c.; 30334, 10th October.
- McGill, C. H., and others, Wellington, New Zealand; water-aerator, &c.; 30568, 29th November; (3, 11th January, 1912).*
- McKenzie, D. G. S., Christchurch, New Zealand; money-box; 30292, 2nd October; (91, 16th November).*
- McKinney, A., and others, Sydney, New South Wales; rabbit freezing and packing; 30313, 5th October; (91, 16th November).*
- Mackinney, P. H., and another, London, England; illuminating objects; 30195, 12th September; (102, 14th December).
- McLay, J., and another, Christchurch, New Zealand; milking-machine pulsator; 29658, 1st June; (79, 5th October).
- McLeod, A. A., and another, Swampscott, United States America (see United Shoe Machinery Company, No. 30587).
- McManus, J., Bacchus Marsh, Victoria (see J. Tate, No. 30430).
- McMillan, T. E., and another, Tokomaru, New Zealand; flax stripper and washer; 30617, 12th December; (3, 11th January, 1912).*
- McMillan, T. E., and another, Tokomaru, New Zealand; flax-catcher trip-gear; 30671, 28th December.
- McNab, A., Bridgeport, United States America; marine indicator; 30414, 26th October; (10, 8th February, 1912).
- McPherson, F., Leamington, New Zealand; fence-dropper; 30455, 3rd November; (102, 14th December).*
- Maddren, C., Christchurch, New Zealand; twine-balling-machine lump-catcher; 30572, 28th November.
- Mahoney, J., Wellington, New Zealand; roof-spouting die; 30514, 18th November; (3, 11th January, 1912).*
- Mahoney, J., Wellington, New Zealand; tool; 30515, 18th November; (3, 11th January, 1912).*
- Mahoney, J., Wellington, New Zealand; spouting-making machine; 30516, 18th November; (3, 11th January, 1912).*
- Mahoney, J., Wellington, New Zealand; spouting-bracket apparatus; 30583, 2nd December; (3, 11th January, 1912).*
- Malkemaskinekompagniet Patent Gandil, Limited, Copenhagen, Denmark; milking-machine; (R. H. J. Gjetting); 30354, 13th October.
- Malkemaskinekompagniet Patent Gandil, Limited, Copenhagen, Denmark; milking-machine pulsator; (R. H. J. Gjetting); 30355, 13th October.
- Mander, H., and another, Te Kaha, New Zealand; moustache-guard for cup; 30475, 2nd November.
- Mander, H., and another, Te Kaha, New Zealand; upholsterer's needle; 30327, 6th October; (91, 16th November).*
- Mansfield, B., and another, Wellington, New Zealand; target; 30505, 16th November; (3, 11th January, 1912).*
- Manville, R. C., and another, Waterbury, United States America (see R. A. Canfield, No. 30477).
- Margetts, A., and another, London, England; pneumatic tire; 30621, 12th December; (10, 8th February, 1912).
- Marks, H. V., Pyrmont, New South Wales; nail-head machine; 30561, 27th November.
- Marks, W., Melbourne, Victoria; chaff-cutter feed-roller, &c.; (R. T. Park); 30287, 24th October, 1910†; (102, 14th December).
- Martin, C. W., Wellington, New Zealand; electric ovens, &c.; 28823, 5th December, 1910; (91, 16th November).
- Martin, W. W., Wellington, New Zealand; preventing obstructive deposits in gas-mains; (J. T. Catling); 28854, 8th December, 1910; (88, 2nd November).
- Martin, W. W., Wellington, New Zealand; needle-threader; 30389, 20th October; (99, 1st December).*
- Masters, A. P., Wellington, New Zealand; disinfectant; 30607, 8th December.
- Masters, A. B., Christchurch, New Zealand; collecting car fares; 29791, 29th June; (91, 16th November).

APPLICANTS FOR LETTERS PATENT—*continued.*

Mayo, J. A., and others, Yeovil, England; vehicle-wheel; 29682, 8th June, 1910+; (79, 5th October).

Mayo, B. F., and another, Salem, United States America (see United Shoe Machinery Company, No. 28774).

Melville, R., Okaihau, New Zealand; scrub-cutter; 30405, 24th October.

Merrill, A. P. Malvern, Victoria; vacuum sweeper; (Pneuvac Company); 30497, 15th November.

Metcalfe, H., Auckland, New Zealand; wire-strainer; 30499, 15th November; (3, 11th January, 1912).*

Meyer, W., Berlin, Germany; detonating-compound for cartridges; 30529, 22nd November; (3, 11th January, 1912).

Midgley, H., and another, Acton Vale, England; dynamo-speed regulator; 30588, 5th December.

Moa Tile Company, Limited, Timaru, New Zealand; roofing-tile machine; 30669, 22nd December.

Moad, A., jun., and another, Springhill, New South Wales; potato-dropper; 30411, 25th October; (102, 14th December).

Mono Service Vessels, Limited, London, England; paper vessel, &c.; (E. Z. Taylor); 30400, 21st October, (3, 11th January, 1912).

Mono Service Vessels, Limited, London, England; paper vessel, &c.; (E. Z. Taylor); 30401, 24th October, (3, 11th January, 1912).

Morris, R. T., Manhattan, United States America; tobacco-pipe; 30439, 30th November, 1910+; (102, 14th December).

Moult, S. W., Wellington, New Zealand; internal-combustion-engine starting-device; 30566, 29th November; (3, 11th January, 1912).*

Mounce, J., and another, Auckland, New Zealand; concrete pipe; 30366; 16th October; (99, 1st December).*

Muir, J. M., and another, Dunedin, New Zealand; electrical announcer; 30552, 23rd November; (3, 11th January, 1912).*

Munden, A. J. W., and another, Dunedin, New Zealand; electrical announcer; 30552, 23rd November; (3, 11th January, 1912).*

Muntz, A. I., Hungerford, England; staple; 30652, 22nd December; (10, 8th February, 1912).

Mygatt, O. A., New York, United States America; glassware; 30482, 10th November; (3, 11th January, 1912).

Naylor, J. P., Dulwich, England; electric sign; 30625, 12th December; (10, 8th February, 1912).

Neff, C., and another, Hanover, Germany; treatment of liquids; 28762, 23rd November, 1910; (99, 1st December).

Nelson, E. A. (see C. D. Hastings, No. 30415).

Neville, H. and another, Wellington, New Zealand; cycle toe-clip, &c.; 30314, 6th October; (91, 16th November).*

Newman, J. G., Sydney, New South Wales; gas- and oil-engine spark; 30033, 10th November, 1910+; (102, 14th December).

Newson, S. C., Tottenham, England; carburettor; 29258, 14th April, 1910+; (83, 19th October).

Nickles, C. A., Ponca, United States America; acetylene-generator; 30618, 6th February.†

Nicoll, G., Auckland, New Zealand; sighting-level; 30461, 6th November; (3, 11th January, 1912).*

Nielsen, A., Hamburg, Germany, and Wanganui, New Zealand; casein-production; 30658, 22nd December; (10, 8th February, 1912).

Nightingall, V., Melbourne, Victoria; electric-heater controller; 30473, 8th November.

Nilsson, J. L., Stockholm, Sweden; temperature of liquids regulator; 30591, 5th December.

Norrie, F. S., and another, Christchurch, New Zealand; cycle toe-clip, &c.; 30314, 6th October; (91, 16th November).*

Norton, J. T., Lyttelton, New Zealand; yeast, food, &c., improver; 30521, 21st October; (3, 11th January, 1912).

O'Connor, C. M. M., Oxley, Queensland; calculating-machine; 30563, 27th November.

O'Donoghue, M., and another, Glen Innes, New South Wales; sheep and cattle loading; 30569, 22nd December, 1910.†

Oliver, W. T., Christchurch, New Zealand; gas-burner control valve; 28392, 7th September, 1910; (102, 14th December).

Olso-Licht-Gesellschaft Halbmayr and Company, Vienna, Austria; gas cut-off; (W. Liedke); 30406, 18th November†; (10, 8th February, 1912).

Olso-Licht-Gesellschaft Halbmayr and Company, Vienna, Austria; air and gas compressing; (W. Liedke); 30407, 9th January.†

APPLICANTS FOR LETTERS PATENT—*continued.*

Ormiston, J., Dunedin, New Zealand; steam-boiler; 30468, 7th November; (102, 14th December).*

Ormrod, J. H., and another, Wellington, New Zealand; electric-shade carrier; 30495, 14th November; (3, 11th January, 1912).*

O'Sullivan, T., Blenheim, New Zealand; plough; 30679, 29th December.

Oviatt, H., and another, London, England; ore-furnace; 30631, 15th December.

Owen, C. S., Dunedin, New Zealand; lubricator; (J. T. Pedersen); 30604, 6th December.

Paladini, R., Wellington, New Zealand; window, blind, &c., cord holder; 28717, 10th November, 1910; (88, 2nd November).

Palatine Engineering Company, Limited, and others, Liverpool, England; filtering-apparatus; 29755, 20th June; (83, 19th October).

Palethorpe, F. C., and others, Wellington, New Zealand; water-aerator, &c.; 30568, 29th November; (3, 11th January, 1912).*

Palmer, F., Wellington, New Zealand; mine safety-lamp; 30584, 4th December.

Park, D., Otekaike, New Zealand; hairpin; 30335, 10th October; (91, 16th November).*

Park, J. R., Dunedin, New Zealand; hair-dressing preparation; (J. Burton); 30396, 20th October; (99, 1st December).*

Park, R., Hairini, New Zealand; hand-saw; 30510, 18th November; (3, 11th January, 1912).

Park, R. T., Melbourne, Victoria (see W Marks, No. 30287).

Parker, C., Dunedin, New Zealand; baby safety-basket; 30667, 21st December.

Parry, F., Brightwater, Canada; fish-propagation; 30340, 11th October; (3, 11th January, 1912).

Paterson, S. B., Oamaru, New Zealand; window-draught preventer, &c.; 30429, 28th October; (3, 11th January, 1912).*

Pavletich, L., Dunedin, New Zealand; hatpin; 30661, 23rd December.

Peat, F., Napier, New Zealand; spring-clamp; 30567, 29th November; (3, 11th January, 1912).*

Pearce, F., Invercargill, New Zealand; wool-rebaling grip; 30470, 6th November; (3, 11th January, 1912).*

Perl, A. H. F., and others, London, England; billiard, &c., cue; 30484, 23rd November, 1910+; (3, 11th January, 1912).

Pemberton, T. J., Dunedin, New Zealand; music-leaf turner; 30349, 11th October.

Pedersen, J. T., New York, United States America (see C. S. Owen, No. 30604).

Pennington, H. G., Abbotsford, Victoria; teat-cup; 30306, 24th January†; (102, 14th December).

Perry, F. H., Beverly, United States America (see United Shoe Machinery Company, No. 29017).

Pickering, H. J. H., Wellington, New Zealand; cap; 30309, 5th October; (99, 1st December).

Pierce, G. P., Melbourne, Victoria; window-sash pulley-stile; 30623, 14th December; (10, 8th February, 1912).

Pierce, W. J., and another, Napier, New Zealand; vehicle-brake; 30469, 8th November; (3, 11th January, 1912).*

Pike, C. D., Wellington, New Zealand; kneeling-pad; 30543, 24th November.

Pneuvac Company, Boston, United States America (see A. P. Merrill, No. 30497).

Pocock, E., Paris, France (see United Shoe Machinery Company, No. 28844).

Pope, R., Carella, Queensland; motor-car jolt-preventer; 30620, 12th December.

Poole, T. E. B., Borneo (see C. Timms, No. 28986).

Potter, F., Whangarata, New Zealand; milk-pail gauge; 30421, 26th October; (102, 14th December).*

Poulton, G. G., Auckland, New Zealand; liquid-vessel, &c.; 30339, 9th October; (91, 16th November).*

Pratt, F. G., and others, Auckland, New Zealand; hat-pin-point protector; 30374, 16th October; (3, 11th January, 1912).*

Purdue, W. J., and another, Kaiwarra, New Zealand; electric-shade carrier; 30495, 14th November; (3, 11th January, 1912).*

Purser, M., Jun., Carlow, Ireland; fencing; 30376, 21st October, 1910+; (102, 14th December).

Rasmusen, J. B., Dannevirke, New Zealand; motor-car-lamp bracket; 30454, 3rd November; (3, 11th January, 1912).*

Raymond, F. V., Invercargill, New Zealand; flax-dressing machine; 30662, 23rd December.

Rayner, F. R., Auckland, New Zealand; advertising; 30297, 3rd October; (99, 1st December).*

APPLICANTS FOR LETTERS PATENT—*continued.*

Reed, W. A., and another, Chelsea, United States America (see United Shoe Machinery Company, No. 29075).

Reid, J., Wanganui, New Zealand; tire inner tube; 30299, 3rd October; (3, 11th January, 1912).*

Reid, R. H. P., and another, Chidlow, Wells, Western Australia; spark-arrester; 30523, 22nd November.

Reimann, C., Sydney, New South Wales; door-check, &c.; 30307, 24th October; 1910†; (99, 1st December).

Reseigh, E., jun., Rich Avon West, Victoria; roof-gutter covering; 30351, 10th October; (10, 8th February, 1912).

Richardson, T., and another, Fitzroy, New Zealand; non-refillable bottle; 30467, 7th November; (102, 14th December).*

Richardson, T., and another, Fitzroy, New Zealand; non-refillable bottle; 30519, 20th November; (3, 11th January, 1912).*

Ridd Milking-machine Company, Limited, New Plymouth, New Zealand; milking-machine pulsator; (T. B. Sutton); 30318, 6th October; (91, 16th November).*

Roberts, R., Hamilton, New Zealand; milking-machine milk-releaser; 30381, 16th October.

Robertson, A. C., Timaru, New Zealand (see Robertson Marine-engine Brake Company, Limited, No. 30471).

Robertson Marine-engine Brake Company, Limited, Timaru, New Zealand; steam-engine-speed controller, &c.; (A. C. Robertson); 30471, 8th November; (3, 11th January, 1912).*

Rogers, W. H., and another, Wellington, New Zealand; circular-saw guard; 28880, 15th December, 1910; (91, 16th November).

Roos, E., Sydney, New South Wales; cream-separator; (C. H. Shaw); 30449, 2nd November; (99, 1st December).*

Rosenberg, D., Windsor, Victoria; collar; 30626, 14th December.

Ross, H. I. M., Dunedin, New Zealand; metal and skylight frame; 30545, 22nd November; (3, 11th January, 1912).*

Roughton, C. S., and others, Dunedin, New Zealand; egg-preserved; 30364, 13th October; (99, 1st December).*

Rowe, D., and others, Wellington, New Zealand; water-aerator, &c.; 30568, 29th November; (3, 11th January, 1912).*

Roy, E. W., and another, Dunedin, New Zealand; skiving-machine-cutter mounting; 30605, 6th December.

Rutter, T. B., and another; fire-screen; 30641, 16th December; (10, 8th February, 1912).*

Sadler, S., Maranui, New Zealand, milking-machine pulsator; 30522, 21st November; (3, 11th January, 1912).*

Salmon, J. B., and another, Dunedin, New Zealand; skiving-machine-cutter mounting; 30605, 6th December.

Salter, L., London, England; sewing-machine; 30653, 30th December, 1910†; (10, 8th February, 1912).

Sander, E. G., and another, Westport, New Zealand; moustache-guard for cup; 30475, 2nd November.

Sander, E. G., and others, Westport, New Zealand; upholsterer's needle; 30327, 6th October; (91, 16th November).*

Sanderson, R., Melbourne, Victoria; producer-gas furnace; 30338, 5th November, 1910†; (102, 14th December).

Sargent, J. A., Normanby, New Zealand; milking-machine valve; 30362, 16th October; (99, 1st December).*

Saunders, J. L., Dunedin, New Zealand; motor-car-screen lock; 30632, 12th December.

Schlaadt, H., and another, Dunedin, New Zealand; crowbar; 30350, 10th October; (91, 16th November).*

Schreiber, H., Oparau, New Zealand; bridle; 30651, 22nd December; (10, 8th February, 1912).*

Schwer, E., Enmore, New South Wales; bath-water heater; 30435, 31st October.

Schwer, E., Enmore, New South Wales; gas-tap interlocking; 30600, 7th December.

Scott, D., Doyleston, New Zealand; chaff-cutter-knife sharpener; 30332, 9th October; (99, 1st December).

Scott, R. A., and another, Grey Lynn, New Zealand; goods-displaying standard and bracket; 30575, 28th November; (3, 11th January, 1912).*

Scott, S. A., Dunedin, New Zealand; ball-cock; 30442, 30th October; (102, 14th December).

Searle, H. S., Invercargill, New Zealand; kerosene-tin piercer and nozzle; 30531, 22nd November; (3, 11th January, 1912).*

Searle, H. S., Invercargill, New Zealand; kerosene-tin piercer and nozzle; 30656, 22nd December; (10, 8th February, 1912).

Seifert, A., Masterton, New Zealand; flax gripper and conveyer; 28973, 10th January; (102, 14th December).

APPLICANTS FOR LETTERS PATENT—*continued.*

Seifert, A., Masterton, New Zealand; flax-blade-sorting apparatus; 28974, 10th January; (102, 14th December).

Sharpe, E., Sydney, New South Wales; button, &c., hole; 30371, 17th November, 1910.†

Shaw, C. H., Milwaukee, United States America (see E. Roos, No. 30449).

Shoobridge, W. E., Bushy Park, Tasmania; hops, &c., dryer; 30542, 21st November.

Silverstone, M. W., Dunedin, New Zealand; deck-chair; (P. McAdam); 30559, 24th November.

Simpson, W. S., and another, London, England; ore-furnace; 30631, 15th December.

Smith, A. J. M., and another, Sydenham, England; pneumatic tire; 30621, 12th December; (10, 8th February, 1912).

Smith, B. S., Sydney, New South Wales; dressing sulphide ores; 29953, 4th August, 1910†; (102, 14th December).

Smith, W. P., Lyttelton, New Zealand; hatpin; 30508, 17th November; (3, 11th January, 1912).*

Spicer, W. A., Waihonga, New Zealand; milk-releaser; 30636, 15th December; (10, 8th February, 1912).*

Spiller, F. S., and others, Hampstead, England; vehicle-wheel; 29682, 8th June, 1910†; (79, 5th October).

Stanley, G. H., Johannesburg, South Africa; ore-classifying; 30379, 13th October, 1910.†

Stephenson, S. W., and another, Patetonga, New Zealand; washing-fluid; 29239, 10th March; (79, 5th October).

Stevenson, J. D., Waitomo Caves, New Zealand; plough; 30462, 6th November.

Stewart, J., Invercargill, New Zealand; metal-label; 29971, 3rd August; (102, 14th December).

Stewart, R. P., Gisborne, New Zealand; hydraulic machine; 30445, 1st November; (102, 14th December).*

Stroud, J., and another, Oamaru, New Zealand; cooking-utensil; 30463, 6th November; (3, 11th January 1912).*

Styles, W. P., Eltham, New Zealand; paint-pot holder; 30325, 9th October; (91, 16th November).*

Suisted, C. W. R., Wanganui, New Zealand; weed-destroyer; 30574, 29th November.

Supen, V. S., and another; fire-screen; 30641, 16th December; (10, 8th February, 1912).*

Sutcliffe, G. H., and another, Auckland, New Zealand; concrete pipe; 30366, 16th October; (99, 1st December).*

Suttie, C., and another, Orehunga, New Zealand; flax-catcher releasing-gear; 30395, 24th October; (91, 16th November).*

Sutton, T. B., Murwillumbah, New South Wales (see Ridd Milking-machine Company, Limited, No. 30318).

Symons, A. T. G., Christchurch, New Zealand; golf-club, &c.; 30478, 9th November; (3, 11th January, 1912).*

Tait, A. L. J., Dunedin, New Zealand; wire-grip fastener; 28798, 26th November, 1910; (91, 16th November).

Tait, A. L. J., Dunedin, New Zealand; rotary engine; 28799, 26th November, 1910; (91, 16th November).

Tait, J., Dunedin, New Zealand, boiler-water circulator; 30546, 21st November; (3, 11th January, 1912).*

Tandy, C., Wellington, New Zealand; game apparatus; 28769, 23rd November, 1910; (102, 14th December).

Tate, J., East Malvern, Victoria; milk-strainer; (J. McManus); 30430, 27th October; (3, 11th January, 1912).

Taylor, E. Z., London, England (see Mono Service Vessels, Limited, Nos. 30400, 30401).

Templin, J. R., Christchurch, New Zealand; electric-light sign; 30394, 21st October; (91, 16th November).*

Thackray, S. A., Manawaru, New Zealand; mamitis, &c., cure; 30316, 4th October; (99, 1st December).*

Thackray, S. A., Manawaru, New Zealand; mamitis, &c., cure; 30453, 3rd November; (3, 11th January, 1912).

Thew, G., Auckland, New Zealand; gas-lighter; 30450, 1st November.

Theyers, D., and others, Auckland, New Zealand; liquid-vessel, &c.; 30339, 9th October; (91, 16th November).*

Theyers, D., Auckland, New Zealand; writing-tablet cover; 30436, 30th October.

Thomas, O. V., Penang, Straits Settlement; insulating-compound; 29256, 14th March; (79, 5th October).

Thomas, E. J., Richmond, New Zealand; seed-cleaner; 30580, 1st December.

Thompson, A. W., Mangaroa, New Zealand; acetylene-generator; 30506, 17th November; (3, 11th January, 1912).*

Thompson, E. M., Auckland, New Zealand; single-cord venetian-blind; 28826, 3rd December, 1910; (79, 5th October).

Thompson, F. C., and another, Auckland, New Zealand; advertising-apparatus; 30496, 11th November; (3, 11th January, 1912).*

APPLICANTS FOR LETTERS PATENT—*continued.*

- Thompson, J. H., Melbourne, Victoria (see R. J. Alcock, No. 30650).
- Thomson, R., and another, Pollokshields, Scotland; ferro-concrete structures; 30525, 22nd November; (3, 11th January, 1912).
- Thomson, R., and another, Pollokshields, Scotland; ferro-concrete floor; 30526, 22nd November; (3, 11th January, 1912).
- Thomson, G. S., Dunedin, New Zealand; loose-leaf books; 30398, 19th October; (102, 14th December).
- Thomson, W. A., and another, Pollokshields, Scotland; ferro-concrete structures; 30525, 22nd November; (3, 11th January, 1912).
- Thomson, W. A., and another, Pollokshields, Scotland; ferro-concrete floor; 30526, 22nd November; (3, 11th January, 1912).
- Thorpe, H. M., and another, Ngaruawahia, New Zealand; milk-delivery attachment for milk-can; 29708, 12th June; (83, 19th October).
- Timms, C., Christchurch, New Zealand; displaying advertisements; (T. E. B. Poole); 28986, 12th January; 102, 14th December).
- Topp, W. B., and another, Wellington, New Zealand, soldering aluminium; 30403, 25th November.
- Tosswill, R., Ohutu, New Zealand; sawdust-removal; 30346, 12th October; (102, 14th December).
- Tregilgas, J. J., Malvern, Victoria (see T. H. Bewley and W. A. Fraser, No. 30295).
- Turbo Amalgamator and Extraction Company, Limited, London, England; metal-extraction from pulp, &c.; (A. A. Lockwood); 30528, 22nd November; (3, 11th January, 1912).
- United Shoe Machinery Company, Paterson, United States America; boot-heeling machine; (A. E. Jerram, J. Gouldbourn, and A. Bates); 28708, 10th November, 1910; (79, 5th October).
- United Shoe Machinery Company, Paterson, United States America; pulling-over machine; (O. Ashton); 28709, 10th November, 1910; (79, 5th October).
- United Shoe Machinery Company, Paterson, United States America; work-support; (L. A. Casgrain); 28711, 10th November, 1910; (79, 5th October).
- United Shoe Machinery Company, Paterson, United States America; gripper; (B. F. Mayo, and E. I. La Chapelle); 28774, 24th November, 1910; (99, 1st December).
- United Shoe Machinery Company, Paterson, United States America; nail-making machine; (M. Brock); 28843, 7th December, 1910; (83, 19th October).
- United Shoe Machinery Company, Paterson, United States America; die-cutter; (E. Pocock); 28844, 7th December, 1910; (88, 2nd November).
- United Shoe Machinery Company, Paterson, United States America; welt-shoe manufacture; (W. J. Drey); 28845, 7th December, 1910; (88, 2nd November).
- United Shoe Machinery Company, Paterson, United States America; boot-manufacture; (W. J. Drey); 28846, 7th December, 1910; (88, 2nd November).
- United Shoe Machinery Company, Paterson, United States America; lasting-machine; (M. Brock); 28534, 4th October, 1910; (83, 19th October).
- United Shoe Machinery Company, Paterson, United States America; conforming uppers to lasts; (A. Bates); 28930, 29th December, 1910; (88, 2nd November).
- United Shoe Machinery Company, Paterson, United States America; heeling-machine; (L. L. Glidden); 28944, 5th January; (88, 2nd November).
- United Shoe Machinery Company, Paterson, United States America; grinding and polishing machines; (W. A. Reed and J. Foley); 29075, 1st February; (99, 1st December).
- United Shoe Machinery Company, Paterson, United States America; boot-sole-rounding machine; (F. H. Perry); 29017, 19th January; (88, 2nd November).
- United Shoe Machinery Company, Paterson, United States America; button-hole-finishing machine; (G. S. Hill); 29018, 19th January; (88, 2nd November).
- United Shoe Machinery Company, Paterson, United States America; shoe-beating machine; (G. S. Covell); 30333, 10th October; (91, 16th November).*
- United Shoe Machinery Company, Paterson, United States America; boot, &c., machine; (A. Bates); 30578, 1st December.
- United Shoe Machinery Company, Paterson, United States America; welt-butt-tacking machine; (E. L. Keyes and A. A. McLeod); 30587, 5th December.
- United Shoe Machinery Company, Paterson, United States America; heel-finishing machine; (F. M. Furber); 30599, 7th December.

APPLICANTS FOR LETTERS PATENT—*continued.*

- Vandervell, C. A., and another; Acton Vale, England; dynamo-speed regulator; 30588, 5th December.
- Wadley, C., Wellington, New Zealand; broom, shovel, &c., rack; 30614, 11th December.
- Walker, E., St. Albans, New Zealand; ballot-paper; 30616, 28th December.
- Walker, B., Leeds, England; loom; 30422, 24th December, 1910†; (10, 8th February, 1912).
- Walker, S., Manchester, England (see A. G. Lunn, No. 30615).
- Wallace, H. V., Auckland, New Zealand; wall, &c., plaster; 28681, 4th November, 1910; (79, 5th October).
- Walsh, J., Rewanui, New Zealand; wrench; 30663, 23rd December; (10, 8th February, 1912).
- Wanklyn, W. H. E., Christchurch, New Zealand; memorandum form and envelope; 30092, 24th August; (102, 14th December).*
- Warburton, J. T., and another, Outram, New Zealand; hoe; 30361, 14th October; (99, 1st December).*
- Warburton, W. H., and another, Ravensbourne, New Zealand; hoe; 30361; 14th October; (99, 1st December).*
- Ward, E., Timaru, New Zealand; necktie-holder; 30375, 17th October.
- Wardrop, R. S., Dunedin, New Zealand; plaster-partition reinforcement; 30573, 27th November; (10, 8th February, 1912).
- Waters, J. B., and others, Dunedin, New Zealand; egg-preserver; 30364, 13th October; (99, 1st December).*
- Watkins, G. S. B. S., Daviot, Scotland (see Internal-combustion Engine Cleaning Company, Limited, No. 30648).
- Watson, J. C., Kamarooka, Victoria; harvester-bag holder; 30589, 6th December, 1910.†
- Watts, S. H., and another, Footscray, Victoria; cultivator-share; 30613, 8th December.
- Watts, W., Auckland, New Zealand; insole; 30642, 16th December.
- Webb, A. E., and another, Wellington, New Zealand; disinfecter; 30607, 8th December.
- Weger, B. J., Napier, New Zealand; well-boring appliances; 30336, 10th October; (91, 16th November).*
- Weger, B. J., Napier, New Zealand; well-drilling appliances; 30344, 10th October; (91, 16th November).*
- Wentworth, P. J., Milton, United States America; shoe-tip puller; 30670, 14th April†; (10, 8th February, 1912).
- White, E. J., Auckland, New Zealand; wardrobe; 30672, 22nd December.
- White, G. D., Dunedin, New Zealand; bagless paper cooker; 30302, 2nd October; (102, 14th December).
- White, J. F., and another, Shannon Vale, New South Wales; sheep and cattle loading; 30569, 22nd December, 1910.†
- White, W., London, England (see F. E. Brown, No. 30472).
- Whiteside, A. J., Raupo, New Zealand; flax-dresser; 30456, 2nd November; (3, 11th January, 1912).*
- Whitham, B., Lyttelton, New Zealand; attaching life-buoy to ship; 29630, 29th May; (83, 19th October).*
- Whittell, H. H. M., Sydney, New South Wales (see C. Christie, No. 29040).
- Whittle, F. J. C., Murwillumbah, New South Wales; skirt to blouse attaching; 30481, 9th November.
- Widerstrom, U. T. G., Port Ahuriri, New Zealand; hammock, &c.; 30321, 6th October; (3, 11th January, 1912).
- Widerstrom, U. T. G., Port Ahuriri, New Zealand; tent, &c., pole; 30480, 9th November; (3, 11th January, 1912).
- Wielert, J., and another; advertising-apparatus; 30496, 11th November; (3, 11th January, 1912).*
- Wight, R. B., Takapuna, New Zealand; sausage-machine; 28745, 17th November, 1910; (79, 5th October).
- Wilbuschewitsch, M., Nischninogorod, Russia; raising melting-point of fat; 30431, 17th December, 1910.†
- Wilbuschewitsch, M., Nischninogorod, Russia; refining fats; 30432, 30th January.†
- Wilkinson, W., Chertsey, New Zealand; axle; 28862, 9th December, 1910; (102, 14th December).
- Williams, C. E., and another, Sleaford, England; fatty-acid conversion; 30639, 20th December, 1910†; (10, 8th February, 1912).
- Williams, W., and others, Sydney, New South Wales; rabbit freezing and packing; 30313, 5th October; (91, 16th November).*
- Williams, S., San Francisco, United States America; ore-separation; 30533, 22nd November.
- Williams, W. R., and others, Warwick, Queensland; hook; 30382, 16th October; (102, 14th December).
- Williden, H. P., and others, Dunedin, New Zealand; petrol-gas apparatus; 30544, 22nd November; (10, 8th February, 1912).

APPLICANTS FOR LETTERS PATENT—*continued.*

Willis, A. D., Wanganui, New Zealand (see A. D. Willis, Limited, No. 30585).

Willis, A. D., Limited, Wanganui, New Zealand; card-cutting machine; (A. D. Wills); 30585, 5th December.

Winsley, S., Waireka Junction, New Zealand; floor-planing machine; 30680, 30th December.

Witt, T. W., Wellington, New Zealand; food-safe; 30564, 27th November.

Wohlers, C. P., Winiam, Victoria; grain-drill attachment; 30608, 8th December.

Wolf, P. C., Rarotonga, Cook Islands; flower-pot; 30399, 24th October.

Wolseley Sheep-shearing Machine Company, Limited, and another, Aston, England; electric-motor starting, &c.; 30483, 10th November; (3, 11th January, 1912).

Wood, W. G., and another, Christchurch, New Zealand; cricket-bat; 30424, 27th October; (3, 11th January, 1912).*

Woodford, E. C., and another, Christchurch, New Zealand; milking-machine pulsator; 29558, 1st June; (79, 5th October).

Woolnough, A., Dunedin, New Zealand; metal sash-bar jointing; (H. Crittall); 29436, 26th April; (79, 5th October).

Wright, A. H., Auckland, New Zealand; stamp-recording machine; 30547, 21st November, 1910.†

Wright, A. H., Auckland, New Zealand; advertisement, &c., displaying; 30610, 7th December.

Wright, A. H., and another, Auckland, New Zealand; cask-spile; 30622, 13th December; (3, 11th January, 1912).*

Wynyard, M. H., Auckland, New Zealand; flax-blade-tail treating; 30451, 31st October; (3, 11th January, 1912).*

Wynyard, M. H., Auckland, New Zealand; flax-dresser; 30452, 31st October; (3, 11th January, 1912).*

Wynyard, M. H., and another, Onehunga, New Zealand; flax-catcher releasing-gear; 30395, 24th October; (91, 16th November).*

Young, A. E., Christchurch, New Zealand; newspaper-folding, &c.; 29574, 17th May; (91, 16th November).

Ziele, C. W., Christchurch, New Zealand; boot-polish-tin holder; 30360, 13th October; (91, 16th November).*

Alphabetical List of Inventions for Quarter ended 31st December, 1911.

THIS list includes also (1) applications lodged prior to but gazetted during the quarter, (2) complete specifications following provisional specifications accepted or gazetted during the quarter. The first number and date are those of the application; the number and date following in parentheses refer to the *Gazette* containing the notification of acceptance. Where the number and date of the *Gazette* are omitted, the application has not yet been accepted.

* Denotes provisional specification. † Denotes a prior date under the International and Intercolonial Arrangements.

Acetate of soda, &c., preparing; H. M. Levinge; 29804, 4th October; (88, 2nd November).

Acetylene-generator; C. A. Nickles; 30618, 6th February.†

Acetylene-generator, self-cleansing; A. W. Thompson; 30506, 17th November; (3, 11th January, 1912).*

Acid (see Fatty-acid conversion, Pyroligneous-acid, &c.).

Advertisements, displaying; C. Timms; 28986, 12th January; (102, 14th December).

Advertisements, displaying; A. H. Wright; 30610, 7th December; (6, 25th January, 1912).*

Advertiser, slate-pencil pointer; H. Harrison; 30536, 22nd November.

Advertising (see also Electric sign, Head-gear advertising).

Advertising-apparatus; W. E. Holden; 30444, 1st November.

Advertising-apparatus; J. Wielaert and F. C. Thompson; 30496, 11th November; (3, 11th January, 1912).*

Aerated-water-fountain cylinder; W. E. Leeson; 30391, 20th October; (91, 16th November).*

Aerating cream (see Cream, cooling and aerating).

Aerating water (see Water-aerator, &c.).

Air-gas production; H. Clapham, sen.; 30312, 6th October; (91, 16th November).*

Air-heater (see Grate and air heater).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Air-lock valve (see Westinghouse brake apparatus).

Alarm (see Door check and alarm).

Aluminium (see Soldering-aluminium).

Animal leg-grip; C. Holley; 30408, 24th October; (102, 14th December).*

Axle-lubricator; W. Wilkinson; 28862, 9th December, 1910; (102, 14th December).

Baby-safety basket; C. Parker; 30667, 21st December; (6, 25th January, 1912).*

Bagatelle-cue (see Billiard, &c., cue).

Bag-holder (see Harvester bag-holder).

Bale (see Wool-bale).

Ball-cock (see Water-closet-flusher ball-cock).

Ballot-paper; E. Walker; 30616, 28th December; (6, 25th January, 1912).*

Bat (see Cricket-bat).

Bath, detachable leg; C. E. Hardley; 30329, 5th October; (99, 1st December).

Bath, &c., attachment; J. Burgess; 30491, 3rd January.†

Bath, &c., heater; E. Schwer; 30435, 31st October.

Bath-heater, interlocking gas and water taps; E. Schwer; 30600, 7th December; (6, 25th January, 1912).

Bath-manufacture; C. E. Hardley; 30347, 11th October; (102, 14th December).

Bed (see Cot-attachment, &c.).

Bedstead; L. Joseph; 30183, 13th September, 1910; (102, 14th December).

Bee-feeder; W. A. Dawson; 30645, 20th December; (6, 25th January, 1912).*

Beer, &c., cooler; G. Gibbs; 30492, 11th November).

Belt (see Body-belt).

Bicycle toe-clip, &c.; H. Neville and F. S. Norrie; 30314, 6th October; (91, 16th November).*

Billiard, &c., cue; H. A. Crabb, C. H. Hutchinson, and A. H. F. Perl; 30484, 23rd November, 1910; (3, 11th January).

Billiard-table; B. D. Hulbert; 30315, 3rd October.

Binder, temporary (see Loose-leaf book, &c.).

Bird-frightener; R. J. Cotton; 30606, 6th December; (6, 25th January, 1912).

Blankets, &c., rendering antiseptic; W. G. Dudfield; 30457, 4th November; (6, 25th January, 1912).

Blanks, cutting from sheet-material (see Boot-cutting-out die).

Blasting-charge; A. Kowastch; 30416, 26th October; (3, 11th January, 1912).

Blind (see also Venetian-blind).

Blind, &c., cord holder and adjuster; R. Paladini; 28717, 10th November, 1910; (88, 2nd November).

Blouse-attaching to skirt; F. J. C. Whittle; 30481, 9th November.

Blower (see Fan and blower).

Body-belts, &c., rendering antiseptic; W. G. Dudfield; 30457, 4th November; (6, 25th January, 1912).

Boiler (see also Steam-boiler).

Boiler and furnace; F. Cox; 30593, 5th December; (6, 25th January, 1912).*

Boiler, high-pressure; T. McCormack; 30634, 13th December.

Boiler, water-circulator; J. Tait; 30546, 21st November; (3, 11th January, 1912).*

Book (see Loose-leaf book, &c.).

Boot; D. McAuslin; 29020, 17th January; (83, 19th October).*

Boot, S. Levy; 29723, 14th June; (91, 16th November); (91, 16th November).*

Boot-beating machine; United Shoe Machinery Company; 30333, 10th October; (91, 16th November).*

Boot-cutting-out die; United Shoe Machinery Company; 28844, 7th December, 1910; (88, 2nd November).

Boot-heel-finishing machine; United Shoe Machinery Company; 30599, 7th December; (6, 25th January, 1912).*

Boot-healing machine; United Shoe Machinery Company; 28708, 10th November, 1910; (79, 5th October).

Boot-healing machine; United Shoe Machinery Company; 28944, 5th January; (88, 2nd November).

Boot-insole; W. Watts; 30642, 16th December; (6, 25th January, 1912).*

Boot-lasting machine; United Shoe Machinery Company; 28534, 4th October, 1910; (83, 19th October).

Boot-machine; United Shoe Machinery Company; 28846, 7th December, 1910; (88, 2nd November).

Boot-machine; United Shoe Machinery Company; 30578, 1st December; (6, 25th January, 1912).*

Boot-machine, grinding, polishing, &c; United Shoe Machinery Company; 29075, 1st February; (99, 1st December).

Boot-machine, gripper mechanism; United Shoe Machinery Company; 28774, 24th November, 1910; (99, 1st December).

ALPHABETICAL LIST OF INVENTIONS—continued.

Boot-machine, welt-butt tacking; United Shoe Machinery Company; 30587, 5th December; (6, 25th January, 1912).*
 Boot-machine, work support; United Shoe Machinery Company; 28711, 10th November, 1910; (79, 5th October).
 Boot-polish-tin holder; C. W. Ziele; 30360, 13th October; (91, 16th November).*
 Boot-pulling-over machine; United Shoe Machinery Company; 28709, 10th November, 1910; (79, 5th October).
 Boot-skiving-machine cutter mounting (see Skiving-machine, &c.).
 Boot-sole rounding or channeling; United Shoe Machinery Company; 29017, 19th January; (88, 2nd November).
 Boot-tip puller; P. J. Wentworth; 30670, 28th December; (10, 8th February, 1912).
 Boot-upper, conforming to last; United Shoe Machinery Company; 28930, 29th December, 1910; (88, 2nd November).
 Boring-machine (see Well-boring appliance).
 Bottle (see Non-refillable bottle; Vacuum wall-receptacle).
 Box (see Money-box; Provision, &c., box).
 Braces, men's; J. M. Hannon; 30647, 21st December; (10, 8th February, 1912).
 Bracket (see Goods display bracket, Lamp-bracket, Scaffold-bracket, Spouting-bracket).
 Brake (see Railway wheel-brake, &c.; Vehicle-brake; Westinghouse brake apparatus).
 Bread, &c., improver; J. T. Norton; 30521, 21st November; (3, 11th January, 1912).
 Bridle; H. Schreiber; 30651, 22nd December; (10, 8th February, 1912).*
 Broom, &c., rack (see Rack, &c.).
 Broom-head and scraper; G. Barrett; 30532, 22nd November; (10, 8th February, 1912).
 Bucket, &c., attachment; J. Burgess; 30491, 3rd January.†
 Building-construction; T. E. Clark; 30549, 24th November; (3, 11th January, 1912).
 Buoy (see Wreck-locating buoy).
 Buttonhole, &c.; E. Sharp; 30371, 17th November, 1910†; (6, 25th January, 1912).
 Buttonhole-finishing machine; United Shoe Machinery Company; 29018, 19th January; (88, 2nd November).
 Calculating-machine; M. Barr, R. A. Bell, and H. R. Beeton; 30527, 22nd November; (3, 11th January, 1912).
 Calculating-machine; C. M. M. O'Connor; 30563, 27th November.
 Candlestick; T. Firth; 30518, 20th November; (3, 11th January, 1912).
 Cap; H. J. H. Pickering; 30309, 5th October; (99, 1st December).
 Car (see Tram-car).
 Carburettor, internal-combustion engine; S. C. Newson; 29258, 14th April, 1910†; (83, 19th October).
 Card-cutting machine; A. D. Willis, Limited; 30585, 5th December.
 Cartridge-detonating compound; W. Meyer; 30529, 22nd November; (3, 11th January, 1912).
 Casein-manufacture; E. Leuscher; 30342, 11th October; (10, 8th February, 1912).
 Casein-production; A. Nielsen; 30658, 22nd December; (10, 8th February, 1912).
 Casement-stay; C. C. Johnson; 30433, 30th October; (102, 14th December).*
 Cash-register-printing cylinder; H. C. Jessep; 30586, 5th December; (6, 25th January, 1912).*
 Cask-spile; W. J. Cooke and A. H. Wright; 30622, 13th December; (3, 11th January, 1912).*
 Cattle (see Loading sheep and cattle).
 Chaff-cutter, &c., feed-rollers; W. Marks; 30287, 24th October, 1910†; (102, 14th December).
 Chaff-cutter-knife sharpener; D. Scott; 30332, 9th October; (99, 1st December).
 Chair (see Deck-chair).
 Chalk-holder, &c. (see Tailors' chalk-holder, &c.).
 Charcoal-burning retort; W. Hart and J. M. Deschamps; 30127, 14th March†; (102, 14th December).
 Cheese-cloth; J. W. Glass; 30443, 30th October; (102, 14th December).*
 Chimney-sweeper; W. E. Hunter; 30359, 11th October.
 Cinematograph; G. Bettini; 30464, 9th November, 1910.†
 Cinematograph attachment; W. H. Anderson; 30630, 18th December; (6, 25th January, 1912).*
 Cinematograph fan or shutter; W. H. Anderson; 30644, 20th December; (6, 25th January, 1912).*
 Circular-saw guard; G. W. Fothergill and W. H. Rogers; 28880, 15th December, 1910; (91, 16th November).
 Circulars, &c., folding (see Folding-machine, &c.).
 Clamp; F. Peat; 30567, 29th November; (3, 11th January, 1912).*

ALPHABETICAL LIST OF INVENTIONS—continued.

Classifying, &c., crushed ore; G. H. Stanley; 30379, 15th November, 1910.†
 Clod-crusher; A. E. Gill; 30581, 1st December; (6, 25th January, 1912).
 Clothes-line; H. M. Levinge; 30640, 19th December.
 Clothes-peg; W. E. Hunter; 30476, 2nd November; (3, 11th January, 1912).*
 Clothes-peg, wire-grip; A. L. J. Tait; 28798, 26th November, 1910; (91, 16th November).
 Clutch; A. E. Humphries; 30673, 28th December; (10, 8th February, 1912).
 Coal-skip, &c.; R. Griffin; 30541, 22nd November; (3, 11th January, 1912).*
 Coal-washer, &c.; N. Andrew; 29540, 12th May; (99, 1st December).*
 Cock (see Ball-cock).
 Collar; D. Rosenberg; 30626, 14th December.
 Columns, ferro-concrete (see Pillars, &c., ferro-concrete).
 Concentrator (see Ore-concentrator).
 Concrete (see also Ferro-concrete).
 Concrete bodies' forming-mould; W. J. Baltzer; 30330, 25th November, 1910†; (3, 11th January, 1912).
 Concrete-construction; J. Kelly; 30517, 17th November; (3, 11th January, 1912).*
 Concrete-floor screed; J. F. Bell; 30638, 18th December; (10, 8th February, 1912).
 Concrete-mould; A. M. Butterworth; 30358, 13th October; (91, 16th November).*
 Concrete pipe; G. H. Sutcliffe and J. Mounce; 30366, 16th October; (99, 1st December).*
 Controller (see Electrical energy controller; Electrical heater and cooker controller; Door, &c., regulator; Gas-burner control-valve; Gas cut-off; Machinery speed-controller, &c.; Refrigerating device, temperature-regulator).
 Cooker (see also Electric oven; Electrical heater and cooker, &c.; Paper-cooker, bagless).
 Cooking-apparatus; J. B. Davidge; 30392, 20th October.
 Cooking-utensil; J. Strond and W. Henderson; 30463, 6th November; (3, 11th January, 1912).*
 Cooler (see Beer, &c., cooler).
 Cooling cream (see Cream, cooling, &c.).
 Corset; A. J. Lecoutre; 28852, 18th December, 1909†; (102, 14th December).
 Cot-attachment to bed; R. A. and A. L. Forsman; 30550, 24th November; (3, 11th January, 1912).*
 Coupling (see also Railway coupling; Water-main, leak-repairing coupling).
 Coupling taps, &c., to hose; R. P. Hill; 30412, 24th October; (99, 1st December).*
 Cover (see Jug-cover).
 Cow-milker (see Milking-machine).
 Cow-pox, etc., curing (see Ointment for sore teats, &c.).
 Cramp, flooring, &c.; J. S. Holmes; 30582, 2nd December; (3, 11th January, 1912).*
 Cream, cooling and aerating; D. M. McDonald; 28472, 22nd September, 1909†; (79, 5th October).
 Cream-separator; E. Roos; 30449, 2nd November; (99, 1st December).*
 Cricket-bat; A. C. J. Cuddy and W. G. Wood; 30424, 27th October; (3, 11th January, 1912).*
 Crockery-washer; G. N. Larkin; 30619, 24th December, 1910†; (6, 25th January, 1912).
 Crowbar; A. McDonald and H. Schlaadt; 30350, 10th October; (91, 16th November).*
 Crowbar, &c.; D. Donald; 30373, 17th October; (91, 16th November).*
 Cue (see Billiard, &c., cue).
 Cultivator-share; A. W. Cooper and S. H. Watts; 30613, 8th December; (6, 25th January, 1912).*
 Cyanide treatment of ores; W. L. Imlay; 30341, 11th October; (102, 14th December).
 Cyanide treatment of ores; H. M. Leslie; 30402, 24th October; (10, 8th February, 1912).
 Cycle (see Bicycle).
 Cylinder (see Aerated-water-fountain cylinder).
 Deck-chair; M. W. Silverstone; 30559, 24th November.
 Dental articulator; W. F. Connors; 30609, 8th December; (6, 25th January, 1912).*
 Detonating-compound (see Cartridge, &c.).
 Diaphragm (see Phonograph, &c., diaphragm).
 Die (see Boot-cutting-out die; Roof-spouting die).
 Directory; The Citizens' Free Directory Company, Limited; 30386, 19th October; (102, 14th December).
 Disc-harrow; D. Gregory; 30594, 2nd December; (6, 25th January, 1912).*
 Disinfecting-device; A. E. Webb and A. P. Masters; 30607, 8th December; (6, 25th January, 1912).*
 Displaying goods (see Goods-display bracket).
 Dog-spike for rails, &c.; W. F. Flossell; 30343, 24th November, 1910†; (102, 14th December).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Door (see Range-fire door).
 Door check and alarum; C. Reimann; 30307, 27th October, 1910†; (99, 1st December).
 Door-closer; W. Duggan, jun.; 30555, 23rd November; (3, 11th January, 1912).*
 Door, &c., regulator; D. J. Hurley; 30298, 3rd October; (91, 16th November).*
 Downpipe-making tool; J. Mahoney; 30515, 18th November; (3, 11th January, 1912).*
 Drawing-instrument; A. F. Clearwater; 30509, 17th November.
 Drawings-fixing (see Pastel, &c., drawing-fixing).
 Dress-hook fastening; G. Gregory; 30595, 4th December.
 Drill (see Rock-drill).
 Drilling-plant (see Well-drilling plant).
 Dropper (see Fencing-dropper).
 Dust-allayer (see Granular material dust-preventer, Mine-dust allayer, Rock-drill dust-trap).
 Dynamo electric machine; C. A. Vandervell and A. H. Midgley; 30588, 5th December; (6, 25th January, 1912).
 Egg-preserved; E. Boraman, C. S. Roughton, and J. B. Waters; 30364, 13th October; (99, 1st December).*
 Electric-circuit breaker; J. L. Davies; 30643, 19th December; (10, 8th February, 1912).
 Electric-lamp holder; N. Harvey; 30286, 2nd October; 91, 16th November).*
 Electric-light-shade carrier; J. H. Ormrod and W. J. Purdue; 30495, 14th November; (3, 11th January).*
 Electric sign; J. P. Naylor; 30625, 12th December; (10, 8th February, 1912).
 Electric sign; J. R. Templin; 30394, 21st October; (91, 16th November).*
 Electric motor, controlling, &c.; The Wolseley Sheep-shearing Machine Company, Limited, and A. E. Brewerton; 30483, 10th November; (3, 11th January, 1912).
 Electric oven, &c.; C. W. Martin; 28823, 5th December, 1910; (91, 16th November).
 Electric stove; Copeman Electric Stove Company; 30493, 10th November.
 Electrical announcer; A. J. W. Munden and J. M. Muir; 30552, 23rd November; (3, 11th January, 1912).*
 Electrical energy controller; A. J. Grabham; 30659, 23rd December; (6, 25th January, 1912).*
 Electrical heater controller; V. Nightingall; 3073, 8th November; (6, 25th January, 1912).
 Electrical heater and cooker controller; J. C. P. Kirkwood; 28694, 7th November, 1910; (91, 16th November).
 Engine (see also Internal-combustion engine, Marine engine, Rotary-engine).
 Engine-driving means; R. P. Stewart; 30445, 1st November; (102, 14th December).*
 Envelope (see also Memorandum-form and envelope).
 Envelope-opener; E. W. Griffiths; 30331, 5th October.
 Excavator, earth; C. Christie; 29040, 25th January; (102, 14th December).
 Explosion engine (see Internal-combustion engine).
 Fan, suction (see Threshing-machine, suction-fan).
 Fan and blower; J. C. Barnes; 30538, 23rd November; (3, 11th January, 1912).*
 Fanlight (see Roof-lights, &c.).
 Fares, collecting, &c. (see Tram-cars, indicating seats occupied, &c.).
 Fastener (see Blouse-attaching to skirt; Clothes-peg wire-grip; Dress-hook fastening; Window, &c., fastener).
 Fatty-acid conversion; F. Bedford and C. E. Williams; 30639, 20th December, 1910†; (10, 8th February, 1912).
 Fats, &c., raising melting point; M. Wilbuschewitsch; 30431, 17th December, 1910.†
 Fats, hydrogenized, refining; M. Wilbuschewitsch; 30432, 30th January.†
 Feed-rollers (see Chaff-cutter, &c., feed-rollers).
 Fencing-batten; F. McPherson; 30455, 3rd November; (102, 14th December).*
 Fencing-dropper, &c.; J. East; 30426, 28th October.
 Fencing-strainer (see Wire-strainer).
 Fencing-wire attaching to post; W. Clarkson; 30290, 2nd October; (99, 1st December).*
 Fencing-wire, &c., coiler; E. Hayes; 30303, 2nd October; 102, 14th December).
 Fencing-wire-reel holder; H. A. Bridgman; 30558, 24th November; (3, 11th January, 1912).*
 Fencing-wire spinning-jenny; J. V. Banfield; 30377, 18th October; (99, 1st December).*
 Fencing-wire spreader; M. Purser, jun.; 30376, 21st October, 1910†; (102, 14th December).
 Ferro-concrete (see Columns, &c.; Floors, &c.; Pillars, &c.).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Flannels, &c., rendering antiseptic; W. G. Dudfield; 30457, 4th November; (6, 25th January, 1912).
 Fibre (see also Flax).
 Fibre-extraction machine; J. Downham; 28385, 20th October, 1909†; (91, 16th November).
 Fibre-hackling machine; J. Forseck; 30556, 24th November; (6, 25th January, 1912).
 Figure-displaying apparatus; W. H. and F. E. Bedell; 30512, 18th November; (3, 11th January, 1912).*
 Filler (see Jars, &c., filling with liquid).
 Filter and strainer, rain-water; C. Burrige; 30319, 6th October; (99, 1st December).*
 Filtering-apparatus; M. Deacon, W. Gore, and Palatine Engineering Company; 29753, 20th June; (83, 19th October).
 Fire-kindler; T. H. Bewley and W. A. Fraser; 30295, 3rd October; (102, 14th December).*
 Fire-screen; T. B. Rutter and V. S. Supen; 30641, 16th December; (10, 8th February, 1912).*
 Fish-plate (see Railway fish-plate).
 Fish-propagation; F. Parry; 30340, 11th October; (3, 11th January, 1912).
 Flax (see also Fibre).
 Flax-blade sorter; A. Seifert; 28974, 10th January; (102, 14th December).
 Flax-blade tail-treatment; M. H. Wynyard; 30451, 31st October; (3, 11th January, 1912).*
 Flax-catcher release; C. Suttie and M. H. Wynyard; 30395, 24th October; (91, 16th November).*
 Flax-catcher trip-gear; C. Hargreaves and T. E. McMillan; 30671, 28th December; (6, 25th January, 1912).*
 Flax-dresser; V. F. Giraud and F. Herring; 30494, 11th November; (3, 11th January, 1912).*
 Flax-dresser, &c.; A. J. Whiteside; 30456, 2nd November; (3, 11th January, 1912).*
 Flax-dressing; M. H. Wynyard; 30452, 31st October; (3, 11th January, 1912).*
 Flax-dressing machine; F. V. Raymond; 30662, 23rd December; (6, 25th January, 1912).*
 Flax gripper and conveyer; A. Seifert; 28793, 10th January; (102, 14th December).
 Flax stripper and washer; C. Hargreaves and T. E. McMillan; 30617, 12th December; (3, 11th January, 1912).*
 Floor (see Concrete-floor screed).
 Floor-planing machine; L. Winsley; 30680, 30th December; (6, 25th January, 1912).*
 Floor-polisher; W. G. Joy; 30437, 30th October; (102, 14th December).*
 Floors, ferro-concrete; R. and W. A. Thomson; 30526, 22nd November; (3, 11th January, 1912).*
 Flower-carrier; W. H. Fitchett; 30434, 31st October; (102, 14th December).*
 Flower-pot; P. C. Wolf; 30399, 24th October.
 Flusher (see Water-closet flusher).
 Fly-catcher; A. G. Armstrong; 30393, 11th October.
 Folding and wrapping machine, newspapers, &c.; A. E. Young; 29574, 17th May; (91, 16th November).
 Folding-machine, telegraph forms, &c.; R. Burn; 29555, 17th May; (102, 14th December).
 Food, &c., improver; J. T. Norton; 30521, 21st November; (3, 11th January, 1912).*
 Foot-rest (see Motor-cycle foot-rest).
 Forms (see Telegraph form).
 Fountain (see Aerated-water-fountain cylinder).
 Franking-machine, stamp-recording; A. H. Wright; 30547, 21st November, 1910.†
 Fruit-trees, spraying (see Garden-sprayer).
 Furnace (see also Boiler and furnace; Ore-furnace; Producer-gas furnace).
 Furnace, liquid fuel; A. Laing; 30486, 7th November.
 Game; F. Holden; 30551, 22nd November; (3, 11th January, 1912).*
 Game; C. Tandy; 28769, 23rd November, 1910; (102, 14th December).
 Garden-sprayer; J. R. Bullen; 29698, 5th June; (102, 14th December).
 Garden-sprayer; B. F. Cranwell; 30660, 23rd December; (6, 25th January, 1912).*
 Garment (see also Shirt, &c.).
 Garment; W. T. Clifford; 30504, 16th November; (6, 25th January, 1912).*
 Gas (see Air-gas production; Petrol-gas apparatus).
 Gas-burner-control valve; W. T. Oliver; 28392, 7th September, 1910; (102, 14th December).
 Gas cut-off; Olso-Licht-Gesellschaft Halbmayr and Co.; 30406, 18th November, 1910†; (10, 8th February, 1912).
 Gas-engine (see Internal-combustion engine).
 Gas-generator; R. J. Brown; 30419, 24th October; (102, 14th December).*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Gas-lighter; H. J. Thew; 30450; 1st November.
 Gas-stove; F. E. Brown; 30472, 8th November; (3, 11th January, 1912).
 Gases, compression of; J. A. Hart; 30446, 1st November; (102, 14th December).
 Gases, compression of, &c; H. A. Humphrey; 30603, 17th January†; (6, 25th January, 1912).
 Gases, compression of; Olso-Licht-Gesellschaft Halbmayr and Co.; 30407; 9th January.†
 Gauge (see Milking-machine, milk-pail gauge).
 Ginger-preserving process; S. Ewing; 30646, 21st December.
 Glassware; O. A. Mygatt; 30482, 10th November; (3, 11th January, 1912).
 Goods-display bracket; J. L. Davies; 30624, 12th December.
 Goods-display bracket; R. A. Scott and C. B. Gibson; 30575, 28th November; (3, 11th January, 1912).*
 Gold, &c., recovery (see Cyanide treatment of ores; Precious metals extraction from pulps, &c.).
 Golf club, &c.; A. T. G. Symons; 30478, 9th November; (3, 11th January, 1912).*
 Grain-drill attachment; C. P. Wohlers; 30608, 8th December; (6, 25th January, 1912).
 Granular material dust-preventer; G. Honywood; 30666, 21st December; (6, 25th January, 1912).*
 Grate and air heater; F. Kettle; 30458, 2nd November.
 Grinding-machine (see Boot-machine, grinding and polishing, &c.).
 Guard (see Circular-saw guard; Hatpin-point guard).
 Hackling-machine (see Fibre-hackling machine).
 Hairdressing-preparation; J. R. Park; 30396, 20th October; (99, 1st December).*
 Hair-pad; G. H. Baylis; 28578, 13th October, 1910; (83, 19th October).
 Hairpin; D. Park; 30335, 10th October; (91, 16th November).*
 Hames (see Traces attaching to hames).
 Hammock and tent; W. T. G. Widerstrom; 30321, 6th October; (3, 11th January, 1912).
 Harrow (see also Disc-harrow).
 Harrow; F. T. F. Evans; 30311, 6th October; (91, 16th November).*
 Harvester bag-holder; J. C. Watson; 30589, 6th December, 1910.†
 Hat-fastener; A. B. Clingeffer; 30668, 23rd December; (6, 25th January, 1912).*
 Hatpin; C. R. McCarthy and P. Crehan; 30539, 21st November.
 Hatpin; F. G. Baker; 30323, 5th October; (91, 16th November).*
 Hatpin; H. Gallus; 30565, 28th November.
 Hatpin; L. Pavletich; 30661, 23rd November.
 Hatpin; P. F. Burrows; 30428, 28th October; (3, 11th January, 1912).*
 Hatpin; W. P. Smith; 30508, 17th November; (3, 11th January, 1912).*
 Hatpin-point guard; F. G. Pratt, M. Hogan, and W. R. Dawson; 30374, 16th October; (3, 11th January, 1912).*
 Head-gear advertising; F. R. Rayner; 30297, 3rd October; (99, 1st December).*
 Heater (see Bath-heater, interlocking gas and water taps; Electrical heater, &c.; Grate and air heater; Water-heater).
 Heeling-machine (see Boot-heeling machine).
 Hip-pocket; J. C. Ferry; 30266, 29th May†; (102, 14th December).
 Hoe, H. W. and J. T. Warburton; 30361, 14th October; (99, 1st December).*
 Hook, safety; W. R. Williams; 30382, 16th October; (102, 14th December).
 Hops, &c., dryer; W. E. Shoobridge; 30542, 21st November.
 Horse running away, preventing; J. Burke; 30576, 8th January, 1912; (6, 25th January, 1912).*
 Horseshoe-machine; R. J. Fry; 30288, 21st February.†
 Horseshoe-shaping machine; R. J. Fry; 30289; 1st April.†
 Hose-coupling (see Coupling taps, &c., to hose).
 Hydraulic mains, preventing obstruction; W. W. Martin; 28854, 8th December, 1910; (88, 2nd November).
 Illuminating method and apparatus; V. H. Mackinney and S. D. Chalmers; 30195, 12th September; (102, 14th December).
 Indicator (see Marine indicator; Street and station indicator; Tramcars, indicating seats occupied and fares paid).
 Infants' milk-preparation; C. H. E. Hope-Johnstone; 30570, 29th November; (10, 8th February, 1912).
 Insole (see Boot-insole).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Insulating-compound, electric; O. V. Thomas; 29256, 14th March; (79, 5th October).
 Insulating-compound, heat; P. Ferra; 30590, 9th December, 1910†; (6, 25th January, 1912).
 Internal-combustion engine; G. W. Hutchinson; 29061, 27th January; (99, 1st December).
 Internal-combustion engine, cleaning; Internal-combustion Engine Cleaning Company, Limited; 30648, 21st December; (10, 8th February, 1912).
 Internal-combustion engine, heating charge; H. S. McCormick; 30534, 22nd November; (6, 25th January, 1912).
 Internal-combustion engine, ignition device; J. G. Newman; 30033, 10th November, 1910†; (102, 14th December).
 Internal-combustion engine, spark-regulator; G. W. Hutchinson; 29168, 24th February; (99, 1st December).
 Internal-combustion engine, starter; S. W. Moulton; 30566, 29th November; (3, 11th January, 1912).*
 Internal-combustion liquid-pump; H. A. Humphrey; 30560, 20th September†; (6, 25th January, 1912).
 Invoice-sheet; Coulls, Culling, and Co., Limited; 30557, 24th November; (6, 25th January, 1912).*
 Ironing-board; C. W. Anderson and R. Brown; 30676, 28th December; (6, 25th January, 1912).*
 Ironing-board, skirt; A. Barnett; 30423, 26th October.
 Jack, &c.; D. Donald; 30373, 17th October; (91, 16th November).*
 Jars, &c., filling with liquid; R. S. Haughton; 30365, 16th October.
 Jug-cover; C. Y. Dally; 30368, 16th October; (99, 1st December).*
 Kerosene-tin piercer, &c.; H. S. Searle; 30531, 22nd November; (3, 11th January, 1912).*
 Kerosene-tin piercer, &c.; H. S. Searle; 30656, 22nd December; (10, 8th February, 1912).
 Kettle; M. A. Brown; 30577, 29th November; (6, 25th January, 1912).*
 Kinematograph (see Cinematograph).
 Kneeling-pad; C. D. Pike; 30543, 24th November.
 Knife-cleaner; A. T. Gauntlett; 30356, 12th October; (91, 16th November).*
 Label (see Metal-label).
 Ladle (see Moulder's tilting-ladle).
 Lamp (see Safety-lamp, mine).
 Lamp-bracket; J. B. Rasmussen; 30454, 3rd November; (3, 11th January, 1912).*
 Lamp-holder (see Electric-lamp holder).
 Lasting-machine (see Boot-lasting machine).
 Lavatory (see Railway-car, &c.).
 Leaf-turner (see Music leaf-turner).
 Leg-grip (see Animal leg-grip).
 Level; G. Nicoll; 30461, 6th November; (3, 11th January, 1912).*
 Lids securing to tins, &c.; R. J. Alcock; 30650, 21st December; (10, 8th February, 1912).
 Lifebuoy, attaching to ship's rail; B. Whitham; 29630, 29th May; (83, 19th October).*
 Light-producer (see Sound and light producer).
 Lime-preparing (see Acetate of soda, &c., preparing).
 Liquid-treatment; C. Neff and A. Brandes; 28762, 23rd November, 1910; (99, 1st December).
 Liquids, raising and forcing (see Internal-combustion liquid-pump).
 Loading sheep and cattle; M. O'Donoghue and J. F. White; 30569, 22nd December, 1910.†
 Lock (see also Motor-car wind-screen lock).
 Lock; R. P. Hill; 30448, 31st October; (3, 11th January, 1912).*
 Loom (see Pile-fabric loom).
 Loose-leaf book; G. S. Thomson; 30398, 19th October; (102, 14th December).
 Loose-leaf book, &c.; H. M. Douglas; 28794, 29th November, 1910; (88, 2nd November).
 Loose-leaf pocket-book, &c.; A. G. Lunn; 30615, 11th December.
 Lubricator (see also Axle-lubricator; Oil-can, &c.; Steam-engine-cylinder lubricator).
 Lubricator; C. S. Owen; 30604, 6th December; (6, 25th January, 1912).*
 Machinery speed-controller, &c.; Robertson Marine Engine Brake Company, Limited; 30471, 8th November; (3, 11th January, 1912).*
 Mains (see Hydraulic mains, preventing obstruction; Water-pipes, cleaning).
 Mammitis, &c., curing (see Ointment for sore teats, &c.).
 Marine-engine controller (see Machinery speed-controller, &c.).

ALPHABETICAL LIST OF INVENTIONS—continued.

Marine-indicator; A. McNab; 30414, 26th October; (10, 8th February, 1912).

Massage (see Vibratory-massage apparatus).

Medicine (see Ointment).

Memorandum form and envelope; W. H. E. Wanklyn; 30092, 24th August; (102, 14th December).*

Metal label; J. Stewart; 29971, 3rd August; (102, 14th December).

Metal sash-bar, jointing; A. Woolnough; 29436, 26th April; (79, 5th October).

Metal sheet-piling; Lackawanna Steel Company; 30380, 16th October; (102, 14th December).

Milk (see Infants' milk-preparation).

Milk-releaser (see Milking-machine milk-releaser).

Milk-strainer; J. Tate; 30430, 27th October; (3, 11th January, 1912).

Milking-apparatus; T. Kidd; 28448, 16th September, 1910; (79, 5th October).

Milking-apparatus; T. Kidd; 28893, 16th December, 1910; (83, 19th October).

Milking-machine; Aktiebolaget Mjolkkningsmaskinen Manus; 30635, 16th December.

Milking-machine; J. Colefax; 30637, 15th December.

Milking-machine; K. I. Lindstrom; 30348, 11th October; (99, 1st December).

Milking-machine; Malkemaskinekompagniet, Patent Gandil, Limited; 30354, 13th October.

Milking-machine; T. Kidd; 28449, 16th September, 1910; (79, 5th October).

Milking-machine, milk-delivery; S. D. Currie and H. M. Thorpe; 29708, 12th June; (83, 19th October).

Milking-machine, milk-pail gauge; F. Potter; 30421, 26th October; (102, 14th December).*

Milking-machine, milk-pipe; H. G. Kettle; 28856, 7th December, 1910; (99, 1st December).

Milking-machine, milk receiving and delivering; D. H. Armstrong; 29427, 25th April; (99, 1st December).

Milking-machine, milk-releaser; H. Chapman; 29641, 31st May; (102, 14th December).

Milking-machine, milk-releaser; C. H. Davis; 30479, 9th November; (102, 14th December).

Milking-machine, milk-releaser; C. H. Davis; 30675, 28th December.

Milking-machine, milk-releaser; R. Roberts; 30381, 16th October.

Milking-machine, milk-releaser; W. A. Spicer; 30636, 15th December; (10, 8th February, 1912).*

Milking-machine, milk-releasing valve; J. A. Sargent; 30362, 16th October; (99, 1st December).*

Milking-machine, milk-sampler; S. M. Bower; 29996, 9th August; (102, 14th December).

Milking-machine, milk-testing bucket; D. Bruce; 30629, 13th December; (6, 25th January).*

Milking-machine pulsator; Malkemaskinekompagniet, Patent Gandil, Limited; 30354, 13th October.

Milking-machine pulsator; Ridd Milking Machine Company, Limited; 30318, 6th October; (91, 16th November).*

Milking-machine pulsator; S. Sadler; 30522, 21st November; (3, 11th January).*

Milking-machine pulsator; E. C. Woodford and J. McLay; 29658, 1st June; (79, 5th October).

Milking-machine teat-cup; E. J. Armstrong; 30466, 7th November; (99, 1st December).*

Milking-machine teat-cup; S. D. Currie; 28927, 24th December, 1910; (91, 16th November).

Milking-machine teat-cup; H. Droutledge; 28595, 14th October, 1910; (83, 19th October).

Milking-machine teat-cup; H. G. Pennington; 30306, 24th January; (102, 14th December).

Milk-sampler (see Milking-machine, milk-sampler).

Milk-testing bucket (see Milking-machine, milk-testing bucket).

Mincing-machine (see Chaff-cutter, &c., feed-rollers; Sausage-machine).

Mine-dust allayer; W. Henderson and F. L. Bell; 30503, 16th November; (102, 14th December).*

Mirror and stand; W. S. Logan; 30488, 10th November; (3, 11th January, 1912).

Money-box; D. G. S. McKenzie; 30292, 2nd October; (91, 16th November).*

Motor (see Electric motor).

Motor-car jolt-preventer; R. Pope; 30620, 23th January.

Motor-car wind-screen lock; J. L. Saunders; 30632, 12th December; (6, 25th January, 1912).*

Motor-cycle foot-rest; W. I. Aston; 30498, 15th November; (3, 11th January, 1912).*

Mould (see Concrete-bodies forming-mould; Concrete-mould; Pipe-casting mould).

Moulder's tilting-ladle; G. J. Hoskins; 30501, 16th November; (3, 11th January, 1912).

ALPHABETICAL LIST OF INVENTIONS—continued.

Moustache-guard for cup; E. G. Sander and H. Mander; 30475, 2nd November.

Music-leaf turner; T. J. Pemberton; 30349, 11th October.

Nail-making machine; United Shoe Machinery Company; 28843, 7th December, 1910; (83, 19th October).

Nails, sheet-metal heads former; H. V. Marks; 30561, 27th November; (6, 25th January, 1912).

Necktie-exhibitor; P. E. Bicknell; 30460, 3rd November; (102, 14th December).

Necktie-holder; E. Ward; 30375, 17th October.

Needle (see Upholsterers' needle).

Needle-threader; W. W. Martin; 30389, 20th October; (99, 1st December).*

Newspapers, &c., folding, &c. (see Folding and wrapping machine, &c.).

Non-refillable bottle; C. F. Davy and T. Richardson; 30467, 7th November; (102, 14th December).*

Non-refillable bottle; C. F. Davy and T. Richardson; 30519, 20th November; (3, 11th January, 1912).*

Non-refillable bottle; A. Lyell; 28860, 9th December, 1910; (83, 19th October).

Oil-cans, buckling remedying; W. H. Bauert; 30571, 4th January; (6, 25th January, 1912).

Oil-engine (see Internal-combustion engine).

Oil-lamp stove; G. Gilberd; 30554, 23rd November.

Ointment for sore teats, &c.; A. E. Baylis; 29568, 18th May; (79, 5th October).

Ointment for sore teats, &c.; S. A. Thackray; 30316, 4th October; (99, 1st December).

Ointment for sore teats, &c.; S. A. Thackray; 30453, 3rd November; (3, 11th January, 1912).

Ore-concentrator; E. Deister; 30440, 30th October; (102, 14th December).

Ore-furnace; W. S. Simpson and H. Oviatt; 30631, 15th December.

Ore-separation (see Precious metals, &c.).

Ore-smelter; J. Aicken; 30231, 16th September; (102, 14th December).*

Ore-treatment (see Classifying, &c., crushed ore; Ore-furnace; Ore-smelter; Precious metals, extracting or separating, &c.; Sulphide-ore treatment; Sulphide-ore wet dressing).

Oven (see Electric oven).

Oxide of zinc-production; E. E. Baner; 29528, 30th June, 1910; (83, 19th October).

Paint; P. Hopkinson; 30310, 5th October; (102, 14th December).*

Paint-pot, holding on roof; W. P. Styles; 30325, 9th October; (91, 16th November).*

Paper cooker, bagless; G. D. White; 30302, 2nd October; (102, 14th December).

Paper-holder (see Toilet-paper holder).

Paper vessel or receptacle; Mono Service Vessels, Limited; 30400; 24th October; (3, 11th January, 1912).

Pastel, &c., drawing fixing; W. H. Carter, jun.; 30520, 20th November; (3, 11th January, 1912).*

Pastel-tinting fixing; W. H. Carter, jun.; 30390, 20th October; (99, 1st December).*

Pasteurizer; J. J. Hodgson and J. B. Laurensen; 30388, 18th October; (99, 1st December).*

Pencil, slate, sharpener, &c.; H. Harrison; 30536, 22nd November.

Pelton-wheel bucket; B. de B. Gates; 30397, 18th October; (102, 14th December).*

Perpetual motor; F. N. Jacob; 30601, 13th December.

Petrol-gas apparatus; J. C. Anderson, W. Escott, and H. P. Williden; 30544, 22nd November; (10, 8th February, 1912).

Phonograph; J. A. C. Garner; 30612, 8th December; (6, 25th January, 1912).*

Phonograph, &c.; W. N. Dennison; 30378, 20th October, 1910.

Phonograph, &c., diaphragm; J. A. C. Garner; 30611, 8th December; (6, 25th January, 1912).*

Photographic-printing machine; Huebner-Bleistein Patents Company; 30490, 11th November; (3, 11th January, 1912).*

Pile-fabric loom; B. Walker; 30422, 24th December, 1910; (10, 8th February, 1912).

Piles and piling (see Metal-sheet piling).

Pillars, &c., ferro-concrete; R. and W. A. Thomson; 30525, 22nd November; (3, 11th January, 1912).

Pipe-casting mould; G. J. Hoskins; 30649, 21st December; (10, 8th February, 1912).

Pipe (see Concrete-pipe; Downpipe, &c.; Hydraulic main; Milking-machine milk-pipe; Tobacco-pipe; Water-main; Water-pipes).

Pipe-wrench; C. Cooper; 30562, 27th November.

Planing-machine (see Floor-planing machine).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Plaster-partition reinforcement; R. S. Wardrop; 30573, 27th November; (10, 8th February, 1912).
 Plastering for walls, &c.; H. V. Wallace; 28681, 4th November, 1910; (79, 5th October).
 Plough; G. L. Goodin; 30678, 29th December.
 Plough; T. O'Sullivan; 30679, 29th December; (6, 25th January, 1912).
 Plough; J. D. Stevenson; 30462, 6th November.
 Plough, securing skeiths to; M. Earl; 29244, 11th March; (91, 16th November).
 Pneumatic tire (see Tire).
 Pocket (see Hip-pocket).
 Points, shifting (see Trolley-pole-point shifter).
 Polish (see Boot-polish-tin holder).
 Polisher (see Floor-polisher).
 Polishing-machine (see Boot-machine, grinding, polishing, &c.).
 Potash-preparing (see Acetate of soda, &c., preparing).
 Potato-digger; M. J. Fitzharris; 30535, 22nd November.
 Potato-dropper; A. Moad, jun., and A. J. Jervie; 30411, 25th October; (102, 14th December).
 Precious metals extraction from pulps, &c.; Turbo Amalgamator and Extraction Company, Limited; 30528, 22nd November; (3, 11th January, 1912).
 Precious metals, separating from ores; S. Williams; 30533, 22nd November; (6, 25th January, 1912).
 Printing-cylinder (see Cash-register printing-cylinder).
 Printing-machine (see Photographic printing-machine).
 Producer-gas furnace; R. Sanderson; 30338, 5th November, 1910; (102, 14th December).
 Propeller; F. N. Jacob; 30553, 27th November.
 Propellers, airship, &c. (see Wind-sails, feathering).
 Provision, &c., box; H. Allen and J. Cameron; 30592, 5th December; (10, 8th February, 1912).
 Pulsator (see Milking-machine pulsator).
 Pump, air, and connection (see Fire-inflator).
 Puncture-detector; J. E. Bull; 30427, 28th October; (91, 16th November).
 Pyroligneous acid, preparing acetate of soda, &c., from (see Acetate of soda, &c., preparing).

Rabbits, packing and freezing; A. McKinney, G. E. and O. Curtis, and W. Williams; 30313, 5th October; (91, 16th November).
 Rack, broom, shovel, &c.; C. Wadley; 30614, 11th December.
 Rail-cleaner (see Tram-rail cleaner).
 Rails, fastening to sleepers (see Dog-spike for rails, &c.).
 Railway-car, lavatory and passenger accommodation; R. F. Colborne; 30383, 19th October; (102, 14th December).
 Railway-car window; R. F. Colborne; 30385, 19th October; (102, 14th December).
 Railway-coupling; G. W. Gay; 30353, 13th October.
 Railway-coupling; S. R. Honey; 30677, 16th December; (6, 25th January, 1912).
 Railway fish-plate; M. Barratt; 30300, 4th October; (91, 16th November).
 Railway wheel-brake, hand; R. F. Colborne; 30384, 19th October; (102, 14th December).
 Rammer, &c.; D. Donald; 30373, 17th October; (91, 16th November).
 Range-fire door; T. McCormack; 30633, 13th December.
 Refining (see Fats, &c., refining).
 Refrigerating-device, temperature-regulator, &c.; J. L. Nilsson; 30591, 5th December; (6, 25th January, 1912).
 Regulator (see Controller).
 Releaser, milk (see Milking-machine, milk-releaser).
 Rifle-cleaner; W. P. J. Long; 30370, 14th October; (99, 1st December).
 Rock-cutter, navigable; F. Lobnitz; 30413, 26th October; (102, 14th December).
 Rock-drill; H. Edgar; 30530, 22nd November; (3, 11th January, 1912).
 Rock-drill-dust trap; H. P. Barry; 30596, 4th December; (3, 11th January, 1912).
 Roof-gutter covering; E. Reseigh, jun.; 30351, 10th October; (10, 8th February, 1912).
 Roof-lights, &c.; W. H. Luther; 30328, 6th October; (102, 14th December).
 Roof-spouting die; J. Mahoney; 30514, 18th November; (3, 11th January).
 Roof-spouting, &c., machine; J. Mahoney; 30516, 18th November; (3, 11th January, 1912).
 Roofing-tile; W. J. Black and C. M. Cruickshank; 30326, 7th October; (102, 14th December).
 Rope-coiler (see Fencing-wire, &c., coiler).
 Rotary engine; A. L. J. Tait; 28799, 26th November 1910; (91, 16th November).
 Rubber-stamp, &c.; J. W. Glass; 30441, 30th October; (102, 14th December).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Safe, food-; T. W. Witt; 30564, 27th November.
 Safety-lamp, mine; F. Palmer; 30584, 4th December; 6, 25th January, 1912).
 Sampler (see Milking-machine milk-sampler).
 Sash (see Window-sash).
 Sash-bar (see Metal sash-bar jointing).
 Sausage-machine; R. B. Wight; 28745, 17th November, 1910; (79, 5th October).
 Saw (see also Circular-saw guard).
 Saw, hand; R. Park; 30510, 18th November; (3, 11th January, 1912).
 Sawdust removing from sawmills; R. D. Tosswill; 30346, 12th October; (102, 14th December).
 Scaffold-bracket; J. Beagley and W. M. Angus; 30320, 6th October; (99, 1st December).
 Scarecrow (see Bird-frightener).
 Scraper (see Broom-head and scraper).
 Screen (see Fire-screen).
 Screening-mechanism; J. Donges; 30620, 27th September; (102, 14th December).
 Seed-cleaner, E. J. Thomas; 30580, 1st December; (6, 25th January, 1912).
 Scrub-cutter; R. Melville; 30405, 24th October.
 Seed-sower (see Grain-drill attachment).
 Seeds, separating and cleaning; F. M. Dossor; 30524, 22nd November; (3, 11th January, 1912).
 Separator (see Cream-separator).
 Sewing-machine; L. Salter; 30653, 30th December, 1910; (10, 8th February, 1912).
 Shade-carrier (see Electric-light-shade carrier).
 Sheaf-elevator and hand-cutter; W. H. Hayman; 30420, 24th October.
 Sheep (see Loading sheep, &c).
 Sheep-dip, &c.; I. S., I., and S. McDougall; 30334, 10th October.
 Sheep-dip race; A. J. Cameron; 30337, 10th October; (99, 1st December).
 Sheep-shearing-machine driving-gear; R. S. Falkiner; 30305, 24th November, 1910; (99, 1st December).
 Sheep-shearing-machine hand-piece; A. Hind; 30502, 16th November; (102, 14th December).
 Shoe (see Boot).
 Shirt, &c.; W. H. G. Geake; 29329, 31st January; (102, 14th December).
 Sign (see Electric sign).
 Silver, &c., recovery (see Cyanide treatment of ores; Precious metals extraction from pulps, &c.).
 Skeith (see Plough, securing skeiths to).
 Skin-painter; S. V. Burrige; 30598, 6th December; (6, 25th January, 1912).
 Skiving-machine-cutter mountings; J. B. Salmon and E. W. Roy; 30605, 6th December; (6, 25th January, 1912).
 Skylight (see also Roof lights).
 Skylight-frame; H. I. M. Ross; 30545, 22nd November; (3, 11th January, 1912).
 Smoker's pipe (see Tobacco-pipe).
 Soap-manufacture; R. Brown; 30654, 22nd December; (10, 8th February, 1912).
 Soda (see Acetate of soda).
 Soldering aluminium; J. E. S. Findon and W. B. Topp; 30403, 25th November.
 Sole-operating machine (see Boot-sole rounding or channeling).
 Sound and light producer; W. H. and F. E. Bedell; 30511, 18th November; (3, 11th January, 1912).
 Spade, H. A. Glass; 30369, 16th October; (99, 1st December).
 Spanner, adjustable; S. Armstrong; 30410, 24th October.
 Spanner, adjustable; C. Cooper; 30409, 24th October; (3, 11th January, 1912).
 Spark-arrester; P. E. Cunningham and R. H. P. Reid; 30523, 22nd November.
 Spike (see Dog-spike).
 Spile (see Cask-spile).
 Spinning-jenny (see Fencing-wire spinning-jenny).
 Spouting (see Roof-spouting).
 Spouting-bracket; S. Albert; 30627, 14th December; (10, 8th February, 1912).
 Spouting-bracket manufacture; J. Mahoney; 30583, 2nd December; (3, 11th January, 1912).
 Sprayer (see Garden-sprayer).
 Spring, road vehicle (see Motor-car-jolt preventer, Vehicle-spring).
 Stamp-recording machine (see Franking-machine, stamp-recording).
 Stamps, mounting sets of, &c. (see Rubber stamp, &c.).
 Staple; A. I. Muntz; 30652, 22nd December; (10, 8th February, 1912).
 Steam-boiler; J. Ormiston; 30468, 7th November; (102, 14th December).*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Steam-engine-cylinder lubricator; A. Craig; 30665, 21st December; (6, 25th January, 1912).*

Steam-generator; D. Jones; 30404, 24th October; (91, 16th November).*

Steam-generator; D. Jones; 30447, 1st November; (102, 14th December).*

Stockings, &c., rendering antiseptic; W. G. Dudfield; 30457, 4th November; (6, 25th January, 1912).*

Stoker mechanism; P. L. Crowe; 30417, 26th October; (3, 11th January, 1912).

Stoker mechanism; P. L. Crowe; 30418, 26th October; (102, 14th December).

Stopper-making machine; R. A. Canfield; 30477, 9th November; (10, 8th February, 1912).

Stopper-making machine; R. A. Canfield; 30579, 1st December; (10, 8th February, 1912).

Stove (see Electric stove; Gas-stove; Oil-lamp stove).

Strainer (see Filter and strainer; Milk-strainer; Wire-strainer).

Street and station indicator; W. Jacobsen and J. D. Cameron; 30655, 22nd December; (6, 25th January, 1912).*

Sublimed white-lead production; E. E. Baner; 29528, 30th June, 1910+; (83, 19th October).

Sulphide-ore treatment; E. E. Baner; 29528, 30th June, 1910+; (83, 19th October).

Sulphide-ore, wet dressing; B. S. Smith; 29953, 4th August, 1910+; (102, 14th December).

Sulphur, removing from sulphide ores; E. E. Baner; 29528, 30th June, 1910+; (83, 19th October).

Sweeper (see Vacuum sweeper).

Swingletree; F. S. Barnes; 30507, 15th November; (3, 11th January, 1912).*

Table (see Billiard-table).

Table-top-connecting means; F. Hudson; 28916, 21st December, 1910; (91, 16th November).

Tailors' chalk holder and sharpener; A. J. Cummings; 30485, 8th November; (3, 11th January, 1912).*

Talking-machine (see Phonograph, &c.).

Tank (see Water-tank overflow).

Tap (see Bath-heater, interlocking gas and water taps).

Target; B. Mansfield and C. C. E. Barnard; 30505, 16th November; (3, 11th January, 1912).*

Teat-cup (see Milking-machine teat-cup).

Telegraph-form; W. E. Gregory; 30363, 13th October; (91, 16th November).*

Telegraph-form folding (see Folding-machine, &c.).

Telephone system; Automatic Electric Company; 30487, 7th November.

Tent (see Hammock and tent).

Tent-pole; W. T. G. Widerstrom; 30480, 9th November; (3, 11th January, 1912).

Threshing-machine, suction-fan; J. Greenslade; 28722, 10th November, 1910; (79, 5th October).

Tie (see Necktie).

Tile (see Roofing-tile).

Timber-seasoning; J. House; 28810, 1st December, 1910; (91, 16th November).

Tin-piercer (see Kerosene-tin piercer, &c.).

Tire; J. Cairns; 30296, 3rd October.

Tire; A. Margetts and A. J. M. Smith; 30621, 12th December; (10, 8th February, 1912).

Tire, motor, &c.; T. M. Dynes; 30345, 11th October.

Tire-cover; W. J. Courtney; 30357, 12th October; (99, 1st December).*

Tire-inflator; E. C. Austin; 28815, 1st December, 1910; (102, 14th December).

Tire inner tube; E. Broughton; 30425, 24th October.

Tire inner tube; J. Reid; 30299, 3rd October; (3, 11th January, 1912).*

Tobacco-pipe; R. T. Morris; 30439, 30th November, 1910+; (102, 14th December).

Tobacco-pipe attachment; G. G. Holmes, jun.; 30308, 3rd October; (91, 16th November).*

Tobacco-pipe stand; J. Lethaby; 30387, 18th October; (99, 1st December).*

Toe-clip (see Bicycle toe-clip).

Toiler-paper holder; C. Hotz and W. Bennet; 30352, 10th October; (102, 14th December).*

Tool (see Downpipe-making tool).

Tool, combination (see Crowbar, &c.).

Traces attaching to hames; W. S. Lind; 28990, 13th January; (99, 1st December).

Tram-cars, indicating seats occupied and fares paid; A. B. Masters; 29791, 29th June; (91, 16th November).

Tram-rail cleaner; W. J. Alexander; 30602, 7th December; (10, 8th February, 1912).*

Transom, &c., cord holder and adjuster; R. Paladini, 28717, 10th November, 1910; (88, 2nd November).

Trolley-pole-point shifter; G. Davidson; 30474, 7th November.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Twine-balling machine, lump-catcher; C. Maddren; 30572, 28th November; (6, 25th January, 1912).*

Typewriter; L. H. Friedman; 30674, 28th December; (10, 8th February, 1912).

Upholsterers' needle; E. G. Sander, H. Mander, and E. Apted; 30327, 6th October; (91, 16th November).*

Vacuum sweeper; A. P. Merrill; 30497, 15th November.

Vacuum-wall receptacle; O. J. W. Higbee; 30465, 29th November, 1910+; (3, 11th January, 1912).

Valve (see Air-lock valve; Gas-burner-control valve; Milking-machine, milk-releasing valve).

Vehicle-brake; J. R. C. Jones; 28702, 7th November, 1910; (79, 5th October).

Vehicle-brake; W. J. Pierce and T. Cunningham; 30469, 8th November; (3, 11th January, 1912).*

Vehicle-spring; C. D. Hastings; 30415, 26th October.

Vehicle-spring pressure-equalizer; S. and W. T. Graham; 30540, 23rd November.

Vehicle-wheel; L. Forse, J. A. Mayo, and F. S. Spiller; 29682, 8th June, 1910+; (79, 5th October).

Venetian-blind; J. E. C. Brown; 30459, 2nd November; (3, 11th January, 1912).*

Venetian-blind; W. L. H. Burgess; 28692, 7th November, 1910; (79, 5th October).

Venetian-blind, &c., lift; H. A. Datson; 30628, 11th December; (6, 25th January, 1912).*

Venetian-blind, raising, &c.; E. M. Thompson; 28826, 3rd December, 1910; (79, 5th October).

Vermifuge, &c.; I. S., I., and S. McDougall; 30334, 10th October.

Vibratory-massage apparatus; C. W. Anderson; 30489, 11th November; (3, 11th January, 1912).

Voting-paper (see Ballot-paper).

Wardrobe; E. J. White; 30672, 22nd December.

Washing-apparatus (see Crockery-washer).

Washing-fluid; S. W. Stephenson and W. J. Coxhead; 29239, 10th March; (79, 5th October).

Water-aerator, &c.; F. C. Palethorpe, C. H. McGill, and D. Rowe; 30568, 29th November; (3, 11th January, 1912).*

Water-closet flusher, ball-cock; S. A. Scott; 30442, 30th October; (102, 14th December).

Water-heater; A. J. Griffiths and A. R. E. Aldred; 30513, 18th November; (102, 14th December).*

Water-heater; A. J. Hainsworth; 29433, 25th April; (99, 1st December).

Water-heater, bath, &c.; E. Schwer; 30435, 31st October; (6, 25th January, 1912).

Water-main, leak-repairing coupling; J. Gilmour; 28919, 23rd December, 1910; (99, 1st December).

Water-mill; W. S. Logan; 30301, 4th October; (102, 14th December).

Water-pipes cleaning; R. P. Hill; 29156, 20th February; (91, 16th November).

Water-tank overflow; F. W. Geary; 28817, 1st December, 1910; (83, 19th October).

Weed-destroyer; C. W. R. Suisted; 30574, 29th November; (6, 25th January, 1912).*

Weighing apparatus, coal; G. M. L. Barclay; 30548, 24th November; (3, 11th January, 1912).*

Well-boring appliance; B. J. Weger; 30336, 10th October; (91, 16th November).*

Well-drilling plant; B. J. Weger; 30344, 11th October; (91, 16th November).*

Westinghouse brake apparatus; J. Chudleigh and J. W. Fell; 30304, 23rd January+; (3, 11th January, 1912).

Wheel (see Vehicle-wheel).

White-coat lifter (see Threshing-machine suction fan).

White-lead (see Sublimed white-lead).

Windmill; E. Hayes; 30597, 4th December; (6, 25th January, 1912).*

Wind-screen (see Motor-car wind-screen lock).

Wind-sails, feathering; J. Anderson; 30537, 18th March; (6, 25th January, 1912).

Window, &c., cord holder and adjuster; R. Paladini; 28717, 10th November, 1910; (88, 2nd November).

Window, &c., fastener; C. T. O. Jacobsen; 30372, 14th October.

Window-rattling prevention; S. B. Paterson; 30429, 28th October; (3, 11th January, 1912).*

Window-sash; R. E. Harrison; 30324, 7th October; (102, 14th December).

Window-sash, &c., lift; H. A. Datson; 30628, 11th December; (6, 25th January, 1912).*

Window-sash pulley-stile; G. B. Pierce; 30623, 14th December; (10, 8th February, 1912).

Wire (see Fencing-wire).

Wire-strainer; J. Howell; 30317, 4th October,

ALPHABETICAL LIST OF INVENTIONS—*continued.*

- Wire-strainer; W. E. Hunter; 28752, 18th November, 1910; (91, 16th November).
 Wire-strainer; H. E. Ireland and F. C. W. Kuschert; 30500, 8th December, 1910.†
 Wire-strainer; H. Metcalfe; 30499, 15th November; (3, 11th January, 1912).*
 Wire strainer, cutter, &c.; G. J. Cocks; 30367, 16th October; (102, 14th December).
 Wool-bale grip; F. Pearce; 30470, 6th November; (3, 11th January, 1912).*
 Wool-pack cap; S. M. Collett; 30438, 1st November; (102, 14th December).*
 Wool, removing from hides (see Skin-painter).
 Wool-treatment; J. Dyson; 30664, 22nd December; (10, 8th February, 1912).
 Wreck-locating buoy; C. W. Clayton; 30322, 6th October; (99, 1st December).*
 Wrench (see also Pipe-wrench).
 Wrench; J. Walsh; 30663, 23rd December; (10, 8th February, 1912).
 Writing-tablet cover; D. Theyers; 30436, 30th October.
 Yeast, &c., improver; J. T. Norton; 30521, 21st November; (3, 11th January, 1912).

Alphabetical List of Applicants for Registration of Trade Marks.

ALPHABETICAL list of applicants for registration of Trade Marks for quarter ended 31st December, 1911 (including also applications lodged prior to but gazetted during such quarter). The first number and date are those of the application, the second those of the *Gazette*.

- Abbott, G., Hastings, Hawke's Bay; (4); 9984, 17th October; 102, 14th December.
 Abingdon Ecco, Limited, Birmingham, England; (13); 9147, 8th November, 1910; 83, 19th October.
 Adams, W., and Co., Limited, Sydney, New South Wales; (1); 10127, 15th December; 3, 11th January, 1912.
 Adelberg, A., and others, "Adesa and Co.," London, England; (47); 10083, 5th December.
 Adesa and Co. (see L. Devos, A. Adelberg, and N. Salomon).
 Aickin, C., and Son, Auckland, New Zealand; (42); 10040, 4th November.
 Aickin, C., and Son, Auckland, New Zealand; (42); 10081, 1st December; 102, 14th December.
 Aickin, C., and Son, Auckland, New Zealand; (42); 10120, 13th December.
 Ainslie, J., and Co., Leith, Scotland; (43); 10023, 24th October.
 Ainslie, J., and Co., Leith, Scotland; (43); 10024, 24th October.
 Aktiebolaget Mjölkningsmaskin Manus Kneippbaden, Sweden; (7); 10146, 23rd December.
 Aktiebolaget Pump-separator, Stockholm, Sweden; (7); 10050, 7th November; 91, 16th November.
 Alaska Packers Association, San Francisco, United States America; (42); 10135, 21st December.
 Allones, Limited, London, England; (45); 10106 and 10107, 8th December; 3, 11th January, 1912.
 Ambury, Limited, Auckland, New Zealand; (42); 9971, 12th October; 88, 2nd November.
 Ambury, Limited, Auckland, New Zealand; (42); 9975, 13th October; 91, 16th November.
 Angier Chemical Company, Limited, London, England; (3); 9069, 4th October, 1910; 88, 2nd November.
 Australian Embosteel Ceiling Company (see J. D. and H. P. Wormald and W. E. L. Wears).
 Bahr and Gerkens, Altona-Ottensen, Germany; (50); 9955, 3rd October; 83, 19th October.
 Barnett, Samuel, and Sons, Limited, London, E.C., England; (8); 9159, 15th November, 1910; 79, 5th October.
 Barnett, William, Christchurch, New Zealand; (3); 9925, 19th September; 79, 5th October.
 Bary, G. (see G. de Bary).
 Black, E. F., Auckland, New Zealand; 9979, 16th October.
 Boake, A., Roberts, and Co., Limited, London, England; (42); 10049, 7th November.
 Bostock, E., and Co., Limited, Stafford, England; (38); 9958, 4th October; 83, 19th October.
 Bostock, E., and Co., Limited, Stafford, England; (38); 9923, 19th September; 79, 5th October.
 Bostock, E., and Co., Limited, Stafford, England; (38); 9924, 19th September; 79, 5th October.
 Bostock, F., Northampton, England; (38); 9929, 21st September; 79, 5th October.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

- Brace, Windle, Blyth, and Co., Limited, Dunedin, New Zealand; (50); 9943, 29th September; 88, 2nd November.
 Brades, Limited (see W. Hunt and Sons).
 Braithwaite, L., and Son, Engineers, Limited, Kendal, England; (6); 10131, 16th December; 3, 11th January, 1912.
 Branch, J., Limited, London, England; (38); 9981, 16th October.
 Bray Bros., Wellington, New Zealand; (42); 9973, 13th October; 91, 16th November.
 Brighton, W. A., and another, Wanganui, New Zealand; (50); 9565, 19th April; 88, 2nd November.
 Briscoe and Co., Limited, Wellington, New Zealand; (5); 9974, 13th October; 91, 16th November.
 British Patent Perforated Paper Company, London, England; (48); 9935, 27th September; 83, 19th October.
 British Patent Perforated Paper Company, London, England; (48); 9936, 27th September; 83, 19th October.
 Britten and Bannister, Limited, London, England; (38); 10101, 7th December; 3, 11th January, 1912.
 Brown, R., Limited, Glasgow, Scotland, and London, England; (43); 9953, 3rd October.
 Burgess, Ledward, and Co., Limited, Manchester, England; (24); 9950, 2nd October; 88, 2nd November.
 Burmah Oil Company, Limited, Glasgow, Scotland; (47); 9411, 11th December; 102, 14th December.
 Burmah Oil Company, Limited, Glasgow, Scotland; (47); 9412, 11th December; 3, 11th January, 1912.
 Burmah Oil Company, Limited, Glasgow, Scotland; (47); 9413, 11th December; 102, 14th December.
 Burmah Oil Company, Limited, Glasgow, Scotland; (47); 9415, 11th December; 102, 14th December.
 Burmah Oil Company, Limited, Glasgow, Scotland; (47); 9416, 11th December; 102, 14th December.
 Burmah Oil Company, Limited, Glasgow, Scotland; (47); 9417, 11th December; 3, 11th January, 1912.
 Burns, J., Electroplate Company, Limited, Wellington, New Zealand; (50); 9900, 9th September; 79, 5th October.
 Buxton, E., and Co., Limited, Nelson, New Zealand; (42); 10099, 6th December; 3, 11th January, 1912.
 Carreras, Limited, London, England; (45); 9720, 20th June; 88, 2nd November.
 Cerebos, Limited, Greattham, England; (42); 9952, 3rd October.
 Chalmers Knitting Company, Amsterdam, United States America; (38); 10063, 22nd November; 99, 1st December.
 Clayton, C. W., Wanganui, New Zealand; (38); 9906, 11th September; 88, 2nd November.
 Collins Bros. and Co., Limited, Auckland, New Zealand; (39); 9963 and 9964, 9th October; 88, 2nd November.
 Compagnie Générale de Phonographes Cinematographes et Appareils de Précision, Paris, France; (8); 10026, 24th October; 102, 14th December.
 Cowan, A., and Sons, Limited, Edinburgh, Scotland, Melbourne, Victoria, and elsewhere; (39); 10087, 5th December; 3, 11th January, 1912.
 Dahl, C., and Co., Limited, Palmerston North, New Zealand; (7); 9891, 1st September; 79, 5th October.
 Datson, J. C., and another, "Messana and Co.," Hamilton, New Zealand; (48); 9850, 19th August; 102, 14th December.
 Dawson, P., Limited, Dufftown and Glasgow, Scotland; (43); 10143, 22nd December.
 de Bary, G. (see G. H. Mumm and Co.).
 Deutsche Calypsol Transmissions-Werke Gesellschaft, m.b.H., Dusseldorf, Germany; (47); 10028, 25th October; 88, 2nd November.
 Deutsche Gasglühlicht Aktiengesellschaft (Auergesellschaft), Berlin, Germany; (13); 10142, 21st December; 3, 11th January, 1912.
 Devos, L., and others, "Adesa and Co.," London, England; (47); 10083, 5th December.
 Dickinson, E. M., Limited, Sheffield, England; (12); 9349, 1st February; 91, 16th November.
 Dirlam, J., and Sons (see D. Teewes).
 Doble, F., and Sons, London and Ravensthorpe, England; (38); 10065, 22nd November; 99, 1st December.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (23); 9989, 18th October; 99, 1st December.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (25); 9990, 18th October; 99, 1st December.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (26); 9991, 18th October; 99, 1st December.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (30); 9992, 18th October; 99, 1st December.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (23); 9993, 18th October; 88, 2nd November.

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Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (25); 9994, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (26); 9995, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (30); 9996, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (23); 9997, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (25); 9998, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (26); 9999, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (30); 10000, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (23); 10001, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (25); 10002, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (26); 10003, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (30); 10004, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (23); 10005, 18th October; 102, 14th December.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (25); 10006, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (26); 10007, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (30); 10008, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (23); 10009, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (25); 10010, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (26); 10011, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (30); 10012, 18th October; 88, 2nd November.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (23); 10013, 18th October.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (25); 10014, 18th October.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (26); 10015, 18th October.
 Dollfus-Mieg and Cie., Société Anonyme, Mulhouse, Germany; (30); 10016, 18th October.
 Donaghy's Rope and Twine Company, Limited, Dunedin and elsewhere, New Zealand; (50); 10060, 17th November; 99, 1st December.
 Douglass, W., "W. C. Douglass," Sydney, New South Wales; (42); 9753, 4th July; 79, 5th October.
 Douglass, W. C. (see W. Douglass).
 Doust, S. N., London, England; (49); 9954, 3rd October; 83, 19th October.

Eagle Pencil Company, New York, United States America, and London, England; (39); 10041, 6th November; 99, 1st December.
 Eaton, A. J., Hastings, New Zealand; (50); 9920, 16th September; 79, 5th October.
 Eclectic Company, Limited, Mortlake, England; (49); 10064, 22nd November; 99, 1st December.
 Ellin, T. R., Sheffield, England; (7); 10092, 5th December; 102, 14th December.
 Ellin, T. R., Sheffield, England; (37); 10093, 5th December; 102, 14th December.
 Ellin, T. R., Sheffield, England; (50); 10094, 5th December; 102, 14th December.
 Ellin, T. R., Sheffield, England; (7); 10095, 5th December; 102, 14th December.
 Ellin, T. R., Sheffield, England; (37); 10096, 5th December; 102, 14th December.
 Ellin, T. R., Sheffield, England; (50); 10097, 5th December; 102, 14th December.
 Ellis and Manton, Wellington, New Zealand; (47); 9701, 7th June; 79, 5th October.
 Eruptite Explosives Company of New Zealand, Limited, Wellington, New Zealand; (20); 10038, 3rd November; 91, 16th November.
 Evershed and Vignoles, Limited, Chiswick, England; (8); 10114 and 10115, 12th December; 3, 11th January, 1912.

Fitt and Clayton, Auckland, New Zealand; (47); 10034, 30th October; 91, 16th November.
 Ford Motor Company of Canada, Limited, Walkerville, Canada; (22); 10054, 9th November; 99, 1st December.
 Foster's Adhesive Composition Company, Limited, Auckland, New Zealand; (1); 10113, 12th December; 3, 11th January, 1912.
 French, E. O., Coventry, England; (13); 10056, 13th November.
 Frossard, Levic, and Co. (see F. Levic).

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Gauntlett, A. T., Christchurch, New Zealand; (6); 9976, 14th October; 88, 2nd November.
 Gear, J. E., and another, "Harris and Gear," Wellington, New Zealand; (2); 9957, 4th October; 83, 19th October.
 General Roofing Manufacturing Company, East St. Louis, United States America; (22); 10066, 22nd November; 3, 11th January, 1912.
 Globe Chemical Works, San Francisco, United States America; (2); 9682, 6th June; 79, 5th October.
 Gilbey, W. and A., Limited, London, England; (43); 9888, 31st August; 79, 5th October.
 Gilmour, D. H., Dunedin, New Zealand; (42); 10039, 3rd November.
 Goodall, T. M., and Co., Limited, Sydney, New South Wales; (47); 10052, 8th November; 99, 1st December.
 Gough, F., Hokitika, New Zealand; (3); 9918, 14th September; 79, 5th October.
 Grant, J. H., Sydney, New South Wales; (1); 9987, 18th October; 88, 2nd November.
 Gray, C., and another, Auckland, New Zealand; 10053, 9th November.
 Hardtmuth, L. and C., Limited, London, England; (39); 9969, 10th October; 83, 19th October.
 Harris and Gear (see R. A. Harris and J. E. Gear).
 Harris, R. A., and another, "Harris and Gear," Wellington, New Zealand; (2); 9957, 4th October; 83, 19th October.
 Harris, S., Napier, New Zealand; (38); 10080, 1st December; 3, 11th January, 1912.
 Heathcoat, J., and Co., London, and Tiverton, England; (31); 10079, 29th November; 102, 14th December.
 Heinz, H. J., and Co., Pittsburg, United States America; (42); 9811, 8th August; 88, 2nd November.
 Hignett, J. M., Stratford, New Zealand; (2); 10102, 8th December; 3, 11th January, 1912.
 Hignett, J. M., Stratford, New Zealand; (3); 10103, 8th December; 3, 11th January, 1912.
 Hodgson, V. H., and another, Wanganui, New Zealand; (50); 9565, 19th April; 88, 2nd November.
 Hollins Mill Company, Limited, Manchester, England; (24); 10057, 14th November; 102, 14th December.
 Hollins Mill Company, Limited, Manchester, England; (24); 10058, 14th November; 99, 1st December.
 Hopcroft, W. R., Cronadun, New Zealand; (42); 10098, 5th December; 102, 14th December.
 Humphries, A. H. and A. E., Melbourne, Victoria; (42); 10029, 26th October; 3, 11th January, 1912.
 Hunt, W., and Sons, "The Brades, Limited," Birmingham, England; (12); 10051, 7th November; 91, 16th November.
 Hyman and Co., Wellington, New Zealand; (45); 10150, 29th December.
 Jack, A., Silverdale, New Zealand; (42); 10061, 17th November; 99, 1st December.
 Jackson and Macdonald, Sydney, New South Wales; (9); 10104, 8th December; 3, 11th January, 1912.
 Jackson and Macdonald, Sydney, New South Wales; (8); 10105, 8th December; 3, 11th January, 1912.
 Jobson, A., and another, Auckland, New Zealand; 10053, 9th November.
 Johns-Manville, H. W., and Co., New York, United States America; (1); 10136, 21st December; (10, 8th February, 1912).
 Johns-Manville, H. W., and Co., New York, United States America; (4); 10137, 21st December; (10, 8th February, 1912).
 Johns-Manville, H. W., and Co., New York, United States America; (17); 10138, 21st December; 3, 11th January, 1912.
 Johns-Manville, H. W., and Co., New York, United States America; (35); 10139, 21st December.
 Johns-Manville, H. W., and Co., New York, United States America; (50); 10140, 21st December.
 Johns-Manville, H. W., and Co., New York, United States America; (50); 10141, 21st December.
 Johnson, V. C., Lower Hutt, New Zealand; (3); 10078, 28th November; 102, 14th December.
 Kaiapoi Woollen Manufacturing Company, Limited, Christchurch, New Zealand; (38); 9919, 15th September; 79, 5th October.
 King, Sons, and Co., Bristol, England; (50); 10144, 22nd December.
 Kodak (Australasia) Limited, Wellington, New Zealand; (1); 9977, 14th October; 88, 2nd November.
 Kodak (Australasia) Limited, Wellington, New Zealand; (39); 9978, 14th October; 88, 2nd November.

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Leethem, C., and Co., Portsmouth, England; (38); 10085, 5th December; 102, 14th December.

Levic, F., "Frossard, Levic, and Co.," Sydney, New South Wales; (45); 10133, 21st December; 3, 11th January, 1912.

Levin and Co., Limited, and others, Wellington, New Zealand; (44); 9960, 7th October.

Liverette Company (see H. McAdam).

Lovell Manufacturing Company, Erie, United States America; (6); 9917, 14th September; 79, 5th October.

Macandrews and Forbes, Limited, London, England; (42); 10082, 5th December; 102, 14th December.

MacEwan, J. B., and Co., Limited, Wellington, New Zealand; (42); 10076, 27th November; 102, 14th December.

MacIntyre, T., and Co., Glasgow, Scotland; (1); 9946, 2nd October; 83, 19th October.

MacIntyre, T., and Co., Glasgow, Scotland; (4); 9947, 2nd October; 88, 2nd November.

MacIntyre, T., and Co., Glasgow, Scotland; (47); 9948, 2nd October; 91, 16th November.

McAdam, H., "Liverette Company," Johannesburg, Transvaal; (3); 10116, 12th December.

McCarthy, A. and W., Dunedin, New Zealand; (20); 10149, 28th December.

McCrae, D., Wellington, New Zealand; (41); 10048, 6th November.

McDougall, J., Limited, Wednesbury, England; (13); 10022, 24th October; 88, 2nd November.

McGill, J., "Watson and McGill," Petersburg, United States America; (45); 9674, 1st June; 79, 5th October.

McNish, M. H., Dunedin, New Zealand; (3); 9933, 26th September; 83, 19th October.

Magic Appliances, Limited, London, England; (6); 10130, 16th December.

Mann, Byars, and Co., Glasgow, Scotland; (38); 95985, 22nd December, 1910†; 102, 14th December.

Manville (see Johns-Manville).

Martin, R., Limited, Wellington, New Zealand; (1); 9951, 2nd October; 83, 19th October.

Maspero Freres, Limited, London, England; (45); 10117, 12th December; 3, 11th January, 1912.

Masters, A. P., Wellington, New Zealand; (2); 10035, 30th October.

Masters, A. P., and another, Wellington, New Zealand; (2); 10112, 11th December; 3, 11th January, 1912.

Messana, W., and another, Hamilton, New Zealand; (48); 9850, 19th August; 102, 14th December.

Messana and Co. (see J. C. Datson and W. Messana).

Moeller, F., Napier, New Zealand; (43); 9988, 18th October; 88, 2nd November.

Mount Vernon-Woodberry Cotton Duck Company, Baltimore, United States America; (24); 10042, 6th November; 91, 16th November.

Mount Vernon-Woodberry Cotton Duck Company, Baltimore, United States America; (24); 10043, 6th November; 91, 16th November.

Mount Vernon-Woodberry Cotton Duck Company, Baltimore, United States America; (24); 10044, 6th November; 91, 16th November.

Mount Vernon-Woodberry Cotton Duck Company, Baltimore, United States America; (50); 10045, 6th November; 91, 16th November.

Mumm, G. H., and Co., "G. de Bary," Reims, France; (43); 10134, 21st December; 3, 11th January, 1912.

Nathan, J., and Co., Limited, Wellington, New Zealand; (42); 10070, 22nd November.

Neill and Co., Limited, Dunedin, New Zealand; (45); 10074, 25th November.

New Zealand Acetylene Gas Lighting Company, Dunedin, New Zealand; (1); 10129, 15th December; 3, 11th January, 1912.

New Zealand Candle Company, Limited, Kaiwarra, New Zealand; (47); 10031, 27th October; 99, 1st December.

New Zealand Candle Company, Limited, Kaiwarra, New Zealand; (47); 10032, 27th October; 99, 1st December.

New Zealand Candle Company, Limited, Kaiwarra, New Zealand; (47); 9237, 12th December, 1910; 83, 19th October.

Nielson and Maxwell, Limited, London, England; (1); 10118, 12th December; 3, 11th January, 1912.

Nielson and Maxwell, Limited, London, England; (2); 10119, 12th December; 3, 11th January, 1912.

Nixey, W. G., Limited, London, England; (50); 10067, 22nd November; 3, 11th January, 1912.

Nordisk Gummi and Guttapercha Company, Copenhagen, Denmark; (35); 10019, 20th October; 91, 16th November.

North British Rubber Company, Limited, Edinburgh, Scotland; (40); 9745, 30th June; 88, 2nd November.

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North, H., Seacliff, New Zealand; (42); 9945, 2nd October.

North's Portland Cement and Brickworks Société Anonyme, Anvers, Belgium; (17); 10109, 8th December; 3, 11th January, 1912.

Norton, J. T., and Co., Lyttelton, New Zealand; (42); 9801, 29th July; 99, 1st December.

Nowill, J., and Sons, Shethfield, England; (12); 10017, 19th October; 88, 2nd November.

Office Appliance Company, Wellington, New Zealand; (39); 9959, 6th October; 99, 1st December.

Oil Sheep Dip Company, Rookwood, New South Wales; (2); 9985, 18th October; 88, 2nd November.

Oxygenator Company, Buffalo, United States America; (11); 9650, 25th May; 99, 1st December.

Oxypathor Company, Buffalo, United States America; (11); 10075, 27th November.

Pacific Mills, Boston, United States America; (34); 9660, 25th May; 79, 5th October.

Pacific Mills, Boston, United States America; (24); 9926, 19th September; 83, 19th October.

Parker, A. J., Auckland, New Zealand; (50); 9863, 25th August; 79, 5th October.

Parke and Gnosill, Limited, Walsall, England; (13); 10126, 14th December; (10, 8th February, 1912).

Paterson, J., Auckland, New Zealand; (3); 9874, 28th August; 79, 5th October.

Pearson and Knowles Coal and Iron Company, Limited, Warrington, England; (5); 10088, 5th December; 3, 11th January, 1912.

Pearson and Knowles Coal and Iron Company, Limited, Warrington, England; (5); 10089, 5th December.

Pearson and Knowles Coal and Iron Company, Limited, Warrington, England; (5); 10090, 5th December; 3, 11th January, 1912.

Pearson and Knowles Coal and Iron Company, Limited, Warrington, England; (5); 10091, 5th December; 3, 11th January, 1912.

Philips and Pike, Wellington, New Zealand; (18); 9970, 10th October; 88, 2nd November.

Philips and Pike, Wellington, New Zealand; (13); 9972, 12th October; 91, 16th November.

Philips and Pike, Wellington, New Zealand; (47); 10021, 20th October; 99, 1st December.

Rattray, J., and Son, Limited, Dunedin, New Zealand; (42); 10030, 27th October.

Read Bros., Limited, London, England; (43); 9961, 9th October.

Reckitt's (Over Sea) Limited, Wellington, New Zealand; (1); 10121, 13th December; 3, 11th January, 1912.

Reckitt's (Over Sea) Limited, Wellington, New Zealand; (1); 10122, 13th December; 3, 11th January, 1912.

Reckitt's (Over Sea) Limited, Wellington, New Zealand; (47); 10123, 13th December; 3, 11th January, 1912.

Reckitt's (Over Sea) Limited, Wellington, New Zealand; (50); 10124, 13th December; 3, 11th January, 1912.

Reddaway, F., and Co., Limited, Manchester, England; (50); 10018, 19th October; 91, 16th November.

Reeves and Sons, Limited, Dalston Junction, England; (1); 10084, 5th December; 102, 14th December.

Rex Motor Manufacturing Company, Limited, Earlsdon, England; (22); 10055, 10th November.

Salomon, N., and others, "Adesa and Co.," London, England; (47); 10083, 5th December.

Salubra Wall-cover Company Basle, Basle, Switzerland; (41); 9965, 10th October; 91, 16th November.

Salubra Wall-cover Company Basle, Basle, Switzerland; (41); 9966, 10th October; 91, 16th November.

Salubra Wall-cover Company Basle, Basle, Switzerland; (41); 9967, 10th October; 91, 16th November.

Salubra Wall-cover Company Basle, Basle, Switzerland; (41); 9968, 10th October; 91, 16th November.

Sargood, Son, and Ewen, Limited, Dunedin and elsewhere, New Zealand; (38); 9962, 9th October; 83, 19th October.

Schneideman Bros., Limited, Auckland, New Zealand; (38); 9956, 4th October; 88, 2nd November.

Schwechter and Boes, Berlin, Germany; (9); 10027, 25th October.

Schweppes Limited, London, England, and Sydney, New South Wales, and elsewhere; (44); 9986, 18th October; 88, 2nd November.

Scott, H. W., Palmerston North, New Zealand; (2); 9982, 17th October.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

- Scott, H. W., Palmerston North, New Zealand; (3); 9983, 17th October; 88, 2nd November.
- Seddon, A. G., Denniston, New Zealand; (3); 9949, 2nd October; 102, 14th December.
- Simple, W., Wellington, New Zealand; (2); 9922, 18th September; 102, 14th December.
- Simpson, H. T. P., "H. Simpson and Co.," London, England, and Glasgow, Scotland; (43); 10108, 8th December; 3, 11th January, 1912.
- Simpson, H., and Co. (see H. T. P. Simpson).
- Smith, R. T., Westcliff-on-Sea, England; (42); 10145, 22nd December; 3, 11th January, 1912.
- Smith, S., and Co., Limited, London, England; (3); 10147, 28th December; 3, 11th January, 1912.
- Smith, S., and Co., Limited, London, England; (43); 10148, 28th December; 3, 11th January, 1912.
- Spicer, J., and Sons, Limited, London, England; (39); 9819, 9th August; 79, 5th October.
- Standard Oil Company of New York, New York, United States America; (47); 9941, 28th September; 83, 19th October.
- Standard Varnish Works, New York, United States America; (1); 10025, 24th October; 99, 1st December.
- Stapley and Smith, Limited, London, England; (38); 10086, 5th December; 102, 14th December.
- Stifel, J. L., and Sons, Wheeling, United States America; (24); 10059, 17th November; (10, 8th February, 1912).
- Sullivan, D., Helensville, New Zealand; (3); 10100, 6th December; 3, 11th January, 1912.
- Te Aroha Mineral Water Company, Limited, Auckland, New Zealand; (44); 10132, 21st December.
- Teewes, D., "J. Dirlam and Sons," Sydney, New South Wales; (12); 10036, 2nd November.
- Thames Valley Co-operative Dairying Company, Limited, Paeroa, New Zealand; (42); 10020, 20th October; 91, 16th November.
- Theinhardt's Nahrungsmittel-Gesellschaft, m.b.H., Stuttgart-Cannstatt, Germany; (42); 9839, 16th August; 79, 5th October.
- Theinhardt's Nahrungsmittel-Gesellschaft, m.b.H., Stuttgart-Cannstatt, Germany; (42); 9840, 16th August; 79, 5th October.
- Thomson, Lewis, and Co., Wellington, New Zealand; (44); 10077, 27th November; 3, 11th January, 1912.
- Tillie and Henderson, Limited, Glasgow, Scotland, and London, England, and Londonderry, Ireland; (38); 9915, 14th September; 79, 5th October.
- Tootal Broadhurst Lee Company, Limited, Manchester, England; (25); 9611, 5th May; 91, 16th November.
- Tyree, A., and Co., Christchurch, New Zealand; (38); 10033, 28th October; 91, 16th November.
- Tyzack, W. A., and Co., Sheffield, England; (7); 10046, 6th November.
- Tyzack, W. A., and Co., Sheffield, England; (12); 10047, 6th November.
- Usherwood, A. E., and Co., Dunedin, New Zealand; (47); 10110, 11th December.
- Vacuum Oil Company Proprietary, Limited, Melbourne, Victoria, and elsewhere; (4); 9857, 23rd August; 79, 5th October.
- Von Wülfing, J. A., "J. A. Wülfing and A. Wülfing and Co.," London, England; (3); 10111, 11th December; (10, 8th February, 1912).
- Watson Bros., Limited, Palmerston North, New Zealand; (47); 9905, 11th September; 83, 19th October.
- Watson Bros., Limited, Palmerston North, New Zealand; (42); 9671, 1st June; 88, 2nd November.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

- Watson and McGill (see J. McGill).
- Wears, W. E. L., and others, "The Australian Embosteel Ceiling Company," Sydney, New South Wales; (18); 9625, 10th May; 102, 14th December.
- Webb, A. E., and another, Wellington, New Zealand; (2); 10112, 11th December; 3, 11th January, 1912.
- Wellington Cordage Company, Limited, Wellington, New Zealand; (50); 10128, 15th December.
- Williams, Dr., Medicine Company of Australasia, Limited, Sydney, New South Wales; (3); 10068, 22nd November; 102, 14th December.
- Williams, Dr., Medicine Company of Australasia, Limited, Sydney, New South Wales; (3); 10069, 22nd November; 102, 14th December.
- Willis, G., Christchurch, New Zealand; (42); 9980, 16th October; 88, 2nd November.
- Wilson, J., and Co., Christchurch, New Zealand; (39); 10062, 21st November; 102, 14th December.
- Wilson's Portland Cement Company, Limited, Auckland, New Zealand; (17); 10125, 14th December.
- Wiseman, J., and Sons, Limited, Auckland, New Zealand; (50); 10037, 2nd November.
- Witting Bros., Limited, London, England; (15); 10073, 23rd November; 102, 14th December.
- Wood, E. J., Wednesfield, England; (6); 9916, 14th September; 79, 5th October.
- Wormald, J. D., and others, "The Australian Embosteel Ceiling Company," Sydney, New South Wales; (18); 9625, 10th May; 102, 14th December.
- Wormald, H. P., and others, "The Australian Embosteel Ceiling Company," Sydney, New South Wales; (18); 9625, 10th May; 102, 14th December.
- Wormalds and Walker, Limited, Dewsbury, England; (35); 10071, 23rd November; 99, 1st December.
- Wormalds and Walker, Limited, Dewsbury, England; (35); 10072, 23rd November; 102, 14th December.
- Wülfing, A., and Co. (see J. A. von Wülfing).
- Wülfing, J. A. (see J. A. von Wülfing).
- Wülfing (see Von Wülfing).
- Young, Alexander, and others, "T. and W. Young," Wellington, New Zealand; (44); 9960, 7th October.
- Young, Arthur, and others, "T. and W. Young," Wellington, New Zealand; (44); 9960, 7th October.
- Young, C., and others, "T. and W. Young," Wellington, New Zealand; (44); 9960, 7th October.
- Young, T. W., and others, "T. and W. Young," Wellington, New Zealand; (44); 9960, 7th October.
- Young, T. and W. (see A. Young, C. and T. W. Young).
- Zymole Company (Incorporated), New York, United States America; (3); 9886, 31st August; 79, 5th October.

Alphabetical List of Applicants for Registration of Designs.

ALPHABETICAL List of Applicants for registration of Designs for the quarter ended 31st December, 1911. The numbers in parentheses are those of the classes, the next number and date are those of the application, and the final number and date those of the *Gazette*.

- Liverette Company (see H. McAdam).
- McAdam, H., "The Liverette Company," Johannesburg, Transvaal; (1); 566, 12th December; 3, 11th January, 1912.
- White, H. E., Wellington, New Zealand; (1); 565, 26th October; 91, 16th November.