

Alphabetical List of Applicants for Letters Patent for Quarter ended 31st March, 1912.

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.

Abel, R. A., and another, Invercargill, New Zealand; wash-hand-basin holder; 30935, 21st February; (36, 18th April).*

Absolom, D. E., and another, Footscray, Victoria; wind-mill, &c., mechanical motion; 30952, 28th March, 1911†; (33, 4th April).

Aktiebolaget Primus, Stockholm, Sweden; vapourized stove-igniter (F. W. Lindqvist); 30832, 7th February; (27, 21st March).

Alexander (see Cayley-Alexander).

Alfven, D., Stockholm, Sweden; milking-machine; 30867, 14th February; (27, 21st March).

Allan, A. T. W., and another, Auckland, New Zealand; animal-feed bag; 30840, 6th February; (27, 21st March).*

Allen, G. T., Timaru, New Zealand; swingle-tree-shackle; 29832, 8th July, 1911; (23, 7th March).*

Allen, J. V., Swampscott, United States America (see United Shoe Machinery Company, No. 29305).

Amidon, W. S., and another, Milwaukee, United States America (see International Wrapping-machine Company, No. 30791).

Anderson, C. F., Queenstown, Tasmania; acetylene-generator, &c.; 29339, 29th March, 1911; (27, 21st March).

Andrews, W., Christchurch, New Zealand; chaff-cutter; 31106, 29th March.

Andrews, W., Christchurch, New Zealand; chaff-cutter-blade sharpener; 31107, 29th March.

Annand, J., Dunedin, New Zealand; concrete building; 29425, 21st April, 1911; (6, 25th January).

Annand, J., Dunedin, New Zealand; concrete-building apparatus; 30926, 19th February; (33, 4th April).*

Ansell, F. A. W., Auckland, New Zealand; bath and stand; 30852, 9th February; (27, 21st March).

Arco (see Von Arco).

Ashton, O., Swampscott, United States America (see United Shoe Machinery Company, Nos. 29202, 29203, and 29388).

Ashworth, H., Wellington, New Zealand; tram-car destination-indicator; 30784, 25th January; (18, 22nd February).*

Aston, C. W., Christchurch, New Zealand; railway-signal; 30709, 10th January; (18, 22nd February).*

Austin, G. B. H., Melbourne, Victoria; aeroplane; 30924, 27th February, 1911†.

Automatic Electric Company, Chicago, United States America; telephone system; (J. Erickson); 30876, 13th February.

Automatic Welding Company, Menominee, United States America; tube mill; (M. B. Lloyd); 30770, 20th January; (23, 7th March).

Aylsworth, J. W., East Orange, United States America (see H. H. Rayward, No. 30735).

Azulay Syndicate, Limited, London, England; tire-cover manufacture; (J. W. H. Dew); 30900, 19th February; (33, 4th April).

Azulay Syndicate, Limited, London, England; driving-belt; (J. W. H. Dew); 30901, 19th February; (33, 4th April).

Bachelor, E. W., Little River, New Zealand; mail-bag-mouth securing; 31110, 29th March.

Baddeley, R. M., Onehunga, New Zealand; hand-shield for brush; 30851, 9th February; (27, 21st March).*

Baddeley, R. M., Onehunga, New Zealand; ventilating-screen actuating; 30887, 15th February; (23, 7th March).*

Baddeley, R. M., Onehunga, New Zealand; skeleton frame and receptacle; 30971, 2nd March; (36, 18th April).*

Bain, W. P. C., Coatbridge, Scotland; wire fencing; 30892, 27th February, 1911†; (33, 4th April).

Balcarras, R. K., Mosman, New South Wales; water-motor; 30834, 7th February; (23, 7th March).*

Baldwin, D., Invercargill, New Zealand; hatpin-point protector; 30842, 8th February; (18, 22nd February).*

Ballinger, T., Wellington, New Zealand; bucket-attachment; 30989, 6th March.

Barnes, D., Christchurch, New Zealand; boot-attachment; 30878, 15th February; (33, 4th April).*

Barracough, W., and another, Auckland, New Zealand; animal-feed bag; 30840, 6th February; (27, 21st March).*

APPLICANTS FOR LETTERS PATENT—continued.

Bartlett, R. H., Kaponga, New Zealand; teat-cup; 29267, 15th March, 1911; (18, 22nd February).

Bartlett, R. H., Kaponga, New Zealand; milking-machine bucket; 29509, 6th May, 1911; (23, 7th March).

Barton, W. A., and another, Malvern, Victoria; concrete-block mould; 30733; 13th March, 1911.†

Bassford, T., Melbourne, Victoria; cycle-tire; 31028, 13th March.

Bassford, T., Melbourne, Victoria; boat-propelling; 31029, 13th March.

Bassford, T., Melbourne, Victoria; spanner; 31030, 13th March.

Bassford, T., Melbourne, Victoria; wrench; 31031, 13th March.

Bates, A., Leicester, England (see United Shoe Machinery Company, Nos. 29604 and 30958).

Bates, F., Wellington, New Zealand; pocket for apparel; 30968, 1st March; (36, 18th April).*

Beadle, J., Dunedin, New Zealand; wood, &c., preservative compound; 28958, 4th January, 1911; (3, 11th January).

Beadman, J. B., and another, Keighley, England; axle-box; 30703, 9th January; (10, 8th February).*

Beamish, W., Stoneycroft, New Zealand; water-flusher; 30882, 14th February; (27, 21st March).*

Beard, W. J., Peep-o'-Day, New Zealand; road-making tool; 30974, 5th March; (36, 18th April).*

Behan, A., and another, Greymouth, New Zealand; wheel; 31066, 19th March.

Beckett, C. G., Christchurch, New Zealand; tradesmen's indicator; 31004, 6th March.

Bedell, H. G., Westport, New Zealand; sewing-machine; 30794, 27th January; (18, 22nd February).*

Beere, W. O., and another, Wellington, New Zealand; fibre-treatment; 30964, 29th February.

Begg, T., and another, Dunedin, New Zealand; electro-plating powder; 30752, 18th January; (10, 8th February).*

Bell, R., Ballarat, Victoria; duster; 30071, 28th October, 1910†; (6, 25th January).

Bender, G. L., and another, San Francisco, United States America; labelling-machine; 30760, 27th January; (23, 7th March).

Bergman, V. D., Dannevirke, New Zealand; clothes-line; 31021, 11th March.

Berry, A. F., Ealing, England; electrical heater; 30897, 19th February; (33, 4th April).

Berry, E. D., Palmerston North, New Zealand; pasteurizer; 29176, 24th February, 1911; (18, 22nd February).

Bertram, C. S., and others, Benoni, Transvaal; gold-extraction; 29296, 21st March, 1911; (27, 21st March).

Best, P. H., Appleby, New Zealand; teat-cup; 29530, 5th May, 1911; (27, 21st March).

Beswick, H., and others, Manchester, England; vehicle wheel and tire; 31080, 26th March.

Bethell, A. L., Wallington, England; sandpaper; 30941, 28th February, 1911†; (33, 4th April).

Bettini, G., Paris, France; projecting, &c., cinematographic pictures; 30464, 9th November, 1910†; (27, 21st March).

Bicknell, C. A., Greytown, New Zealand; target; 30950, 27th February.

Billington, R., and others, Manchester, England; vehicle wheel and tire; 31080, 26th March.

Binnes, M., and others, Manchester, England; vehicle wheel and tire; 31080, 26th March.

Bird, W. H., Reporoa, New Zealand; gate-fastener; 31075, 22nd March.

Birks, E. N. (see G. F. Birks, No. 28800).

Birks, G. F., Sydney, New South Wales; can-closure; (E. N. Birks); 28800, 28th November, 1910; (3, 11th January).

Black, S., Waiuku, New Zealand; collar; 31111, 27th March.

Blackham, W. H., Melbourne, Victoria; cooking canned products; (H. H. Davey—Modern Canner Company—L. L. Lawrence); 30872, 14th February; (27, 21st March).

Blanford, J., Wellington, New Zealand; vehicle-brake; 31116, 30th March.

Blau, H., Augsburg, Germany (see Blaugas' Patent-Gesellschaft, m.b.H., No. 30691).

Blaugas' Patent-Gesellschaft, m.b.H., Augsburg, Germany; gas-distillation; (H. Blau); 30691, 4th January; (18, 22nd February).

Bone, W. A., and others, Leeds, England; heating liquids; 29123, 22nd February, 1910†; (18, 22nd February).

Bourdot, W., and another, Christchurch, New Zealand; hat-pin; 30847, 9th February; (27, 21st March).*

Bowchier, F. J., and another, Wellington, England; puttee, &c.; 31037, 14th March.

Boyce, J. W., Napier, New Zealand; pattern-draughting means; 29070, 1st February, 1911; (3, 11th January)*; (3, 11th January).

Brackerbohm, F., and others, Wilhelmsruh, Germany (see E. Phillips, No. 31121).

APPLICANTS FOR LETTERS PATENT—*continued.*

Bradley, H. G., Christchurch, New Zealand; glass-bevelling machine; 30687, 3rd January; (6, 25th January).*

Branigan, W. J., Hamilton, New Zealand; spouting-bracket; 31043, 14th March.

Braun, H., Berlin, Germany; nitrogen and carbonic-acid extraction from gases; 30914, 12th October, 1911.†

Bristow, C., Christchurch, New Zealand; aerial toy; 30934, 23rd February; (36, 18th April).*

Bristow, C., Christchurch, New Zealand (see Imperial Cash Register Company, Limited, No. 28889).

British Australasian Tobacco Company Proprietary, Limited, Sydney, New South Wales; hinging tin-lid; (W. E. Shaw); 29th June, 1911; (33, 4th April).

Brown, H. M., New York, United States America (see R. A. Canfield, Nos. 30702 and 30898).

Brown, J., Auckland, New Zealand; golf-ball; 31063, 21st March.

Browne, F. G., Malvern, Victoria; ship's hull cleaning; 30865, 11th April, 1911.†

Bruce, W. M., and another, Traralgon, Victoria; tachometer; (H. Galopin); 31033, 13th March.

Bruton, J., and another, Wellington, New Zealand; spanner; 30788, 26th January.

Buchanan, G., Auckland, New Zealand; collapsible table; 30787, 24th January; (23, 7th March).

Budge, M. E., Christchurch, New Zealand; surgical head-cap; 30782, 23rd January; (27, 21st March).

Bullows, W. L., Walsall, England; wire-strainer; 30859, 13th February; (27, 21st March).

Burges, A., Palmerston North, New Zealand; harrow-operating; 30814, 1st February; (18, 22nd February).*

Burgess, J., Beckenham, England; pail, &c., attachment; 30491, 3rd January, 1911; (28, 22nd February).

Burke, J., Hunter's Hill, England (see Wolseley Sheep-shearing Machine Company, No. 30110).

Burn, L., and another, London, England; fountain; 30764, 23rd January; (23, 7th March).

Burn, R., Wellington, New Zealand; ticket, &c., printing and forming machine; 29027, 20th January, 1911; (6, 25th January).

Burns, E. J., Chicago, United States America; gas-regulator; 30743, 18th January; (18, 22nd February).

Burrell, W., Melbourne, Victoria; butter-box; 30866, 14th February; (23, 7th March).*

Burrows, S., Wellington, New Zealand; gout, &c., cure; 29877, 26th September, 1911; (10, 8th February).

Butler, N., Hawera, New Zealand; washing-fluid; 30830, 7th February.

Butters, H., Bournemouth, England; fencing-dropper; 30657, 22nd December, 1911; (18, 22nd February).

Byrne, J., Wynyard, Tasmania; fireplace, &c., 29072, 1st February, 1911; (3, 11th January).

Cable, W., Wellington, New Zealand; evaporator; 30818, 5th February; (27, 21st March).

Callinan, A. J., and another, Melbourne, Victoria; tire-cover; (E. Clark); 30732, 16th January, 1911.†

Cameron, J. A., Brooklyn, United States America; moving-picture machine; 31079, 26th March.

Cameron, J. D., and others, Dunedin, New Zealand; street-indicator; 30848, 10th February; (27, 21st March).*

Cameron, J. D., and others, Dunedin, New Zealand; street, &c., indicator; 31097, 28th March.

Cameron, W. B., and another, Palmerston North, New Zealand; milking-machinery; 30960, 28th February.

Campbell, A., Middlemarch, New Zealand; bicycle-driving gear; 30888, 15th February; (36, 18th April).*

Canfield, R. A., Providence, United States America; stopper; (H. M. Brown); 30702, 1st January; (18, 22nd February).

Canfield, R. A., Providence, U.S.A., stopper-applying machine; (H. M. Brown); 30898, 19th February.

Cantoni, H., and others, Geneva, Switzerland; tartaric-acid extraction; 30899, 25th February, 1911; (33, 4th April).

Carey, H. R., Wellington, New Zealand; locomotive fire-bridge; 29207, 2nd March, 1911; (6, 25th January).

Carson, W., Sydney, New South Wales; amalgamator; 31026, 13th March.

Caseldon, A., and another, Leicester, England (see United Shoe Machinery Company, No. 29604).

Cassrels, L. E., and another, Auckland, New Zealand; closet-seat cover; 28786, 26th November, 1910; (3, 11th January).

Cavalier, L., West Maitland, New South Wales; fire-alarm; 30483, 8th February.

Caverhill, F. J. S., Christchurch, New Zealand; sheep-shearing-machine driving-gear; 29461, 28th April, 1911; (23, 7th March).

Cayley-Alexander, Auckland, New Zealand; mine-ventilation; 31133, 29th March.

APPLICANTS FOR LETTERS PATENT—*continued.*

Charley, J. J., Malvern, Victoria; vehicle-construction; 29677, 6th June, 1911; (3, 11th January).

Chautems, J., and others, Geneva, Switzerland; tartaric-acid extraction; 30899, 25th February, 1911; (33, 4th April).

Chemical Process Company, New York, United States America; metal, &c., atomizing; (J. M. Neil); 30940, 27th February; (33, 4th April).

Chitty, C. W., and another, Dover, England; flour and bread manufacture; 30765, 3rd February, 1911; (27, 21st March).

Christie, A., Junction, New South Wales; butter-packing machine; 30946, 3rd November, 1911; (36, 18th April).

Christie, C., Sydney, New South Wales; ore-classifier; (H. R. M. Whittell); 29041, 14th September, 1910; (10, 8th February).

Clapcott, F. B., Auckland, New Zealand; gate-fastener; 31073, 21st March.

Clark, E., Northcote, Victoria (see A. J. Callinan and V. J. Heinecke, No. 30732).

Clark, G. A., Cambridge, New Zealand; manure-mixer; 29467, 1st May, 1911; (18, 22nd February).

Clark, J. J., and another, Auckland, New Zealand; hygienic powder; 31010, 7th March.

Clayton, C. J., Rangitata, New Zealand; lard, &c., packing; 30863, 13th February; (27, 21st March).*

Cochrane, J., Auckland, New Zealand; pasteurizer; 31101, 27th March.

Colbran, J. B., London, England; gas-burner; 30700, 9th January; (10, 8th February).*

Cole, F. J., and another, Schenectady, United States America (see Locomotive Superheater Company, No. 30948).

Collins, G. E., Napier, New Zealand; chair-adjuster; 29212, 3rd March, 1911; (23, 7th March).

Condensate Company of America, Glen Ridge, United States America (see H. H. Rayward, No. 30735).

Connell, R., St. Albans, New Zealand; lamp-bracket; 30771, 23rd January; (10, 8th February).*

Connell, R., St. Albans, New Zealand; swivel lamp-bracket; 30915, 19th February; (33, 4th April).*

Cooch, H., Northampton, England; potatoes, &c., separating machine; 30681, 3rd January; (18, 22nd February).

Coombe, T., Kojonup, West Australia; fencing-tool; 30718, 11th January; (6, 25th January).*

Coombe, T., Kojonup, West Australia; fencing-tool; 30719, 11th January; (6, 25th January).*

Cooney, P. A., and another, Chicago, United States America (see E. Phillips, No. 29717).

Cooper, C., Mangatoki, New Zealand; pipe-wrench; 30562, 27th November, 1911; (18, 22nd February).

Cooper, H. E., Rockdale, New South Wales; mirror-adjustment; (G. O. Duigan); 31020, 11th March.

Cooper, W. T., Oamaru, New Zealand; fly-destroying; 30726, 13th January.

Copeman Electric-stove Company, Flint, United States America; electric stove; (L. G. Copeman); 30493, 10th November, 1911; (18, 22nd February).

Copeman, L. G., Flint, United States America (see Copeman Electric-stove Company, No. 30493).

Corcoran, M. J., Harapipi, New Zealand; milk-release; 30938, 26th February.

Cotton, F., Hornsby, New South Wales (see F. Creighton, No. 30807).

Cowell, A., Rockhampton, Queensland; dining-table; 30761, 23rd January.

Craig, C. J., and another, Gisborne, New Zealand; shearing-machine elbow-joint; 30737, 16th January; (18, 22nd February).

Craig, H. A., and another, Gisborne, New Zealand; shearing-machine elbow-joint; 30737, 16th January; (18, 22nd February).

Craw, G., Linton, New Zealand; flax-washer; 29214, 3rd March, 1911; (6, 25th January).

Creighton, F., Hornsby, New South Wales; calcining-kiln; (F. Cotton); 30807, 31st January; (18, 22nd February).*

Crocker, W. M., Violet Town, Victoria; rabbit-poison distributor; 30920, 21st February.

Crookes, S. I., Auckland, New Zealand; charcoal-production; (F. H. Fraser); 30786, 24th January; (18, 22nd February).*

Cruickshank, J. R., New Plymouth, New Zealand; butter, &c., receptacle; 29385, 10th April, 1911; (18, 22nd February).

Cunningham, T. H., Auckland, New Zealand; meat, &c., safe; 30879, 14th February; (33, 4th April).

Daniel, F. H., and another, Mount Gambia, South Australia; spraying-apparatus; 31027, 13th March.]

Davey, H. H., and others, Melbourne, Victoria (see W. H. Blackham, No. 30872).

APPLICANTS FOR LETTERS PATENT—*continued.*

- Davey, T. H., Christchurch, New Zealand; locomotive head-light; 31084, 27th March.
- Davidson, G., Dunedin, New Zealand; trolley-pole point-shifter; 30474, 17th February; (23, 7th March).*
- Davidson, G., Dunedin, New Zealand; draught-regulator and spark-arrester; 30758, 19th January; (10, 8th February).*
- Davis, J. E., Palmerston North, New Zealand; block and pillar building; 31068, 22nd March.
- Davies, G. W., Wellington, New Zealand; explosive; 29516; 9th May, 1911; (27, 21st May).
- Davies, J. L., Christchurch, New Zealand; goods-display bracket; 30624, 12th December, 1911; (18, 22nd February).
- Davies, P., and another, Paddington, New South Wales; tin opening and closing; 30844, 8th February.
- Davis, C. H., Wanganui, New Zealand; milk-releaser; 30675, 28th December, 1911; (23, 7th March).
- Davis, C. H., Wanganui, New Zealand; vacuum pump; 30696, 6th January; (23, 7th March).
- Davy, F., and others, Natal Spruit, Transvaal; gold-extraction; 29296, 21st March, 1911; (27, 21st March).
- Davy, R., and others, Natal Spruit, Transvaal; gold-extraction; 29296, 21st March, 1911; (27, 21st March).
- Dawson, A. M., and another, Orepuki, New Zealand; scoring device for games; 30927, 21st February; (33, 4th April).*
- Daysh, N. J., Carterton, New Zealand; milking-machine pulsator and motor; 30868, 14th February; (27, 21st March).*
- Daysh, N. J., Carterton, New Zealand; teat-cup; 31024, 12th March.
- Defordt, J. F., and others, Brussels, Belgium; variable-speed gear; 30684, 3rd January; (27, 21st March).
- Degrade, E., and others, Geneva, Switzerland; tartaric-acid extraction; 30899, 25th February, 1911; (33, 4th April).
- Dennison, M. U., Oamaru, New Zealand; dress-shield; 30825, 3rd February; (18, 22nd February).*
- Denton, W. H., Christchurch, New Zealand; horse-leg protector; 29369, 3rd April, 1911; (10, 8th February).
- Devery, C. E., and others, Hamilton, New Zealand; concrete-block mould; 30756, 20th January; (10, 8th February).*
- Devery, C. E., and others, Hamilton, New Zealand; concrete-working boxing; 30772, 23rd January; (10, 8th February).*
- Devonport, J. E., Christchurch, New Zealand; wash-tub attachment; 30773, 23rd January; (18, 22nd February).*
- Dew, J. W. H., London, England (see Azalay Syndicate, Limited, Nos. 30900 and 30901).
- Dickie, C., and others, Kimberley, South Africa (see J. R. Park, No. 30790).
- Dickson, T., Auckland, New Zealand; horse-bridle; 30875, 13th February; (33, 4th April).*
- Dobeson, T., Botany, New South Wales; thermostat; 30757, 23rd January.
- Dodds, G. H., Dunedin, New Zealand; tram check-ticket; 30951, 26th February; (33, 4th April).
- Donald, D., Masterton, New Zealand; gate hinge and fastener; 30977, 4th March.
- Donald, J. W., Bunnythorpe, New Zealand; milking-machine bucket; 30861, 14th February.
- Donnelly, M., Woodlands, New Zealand; garment-measure; 31072, 21st March.
- Dorr, J., and another, North Colorado, United States America; settling-apparatus; 29389, 11th April, 1911; (10, 8th February).
- Dougan, J., Dunedin, New Zealand; ventilating-frieze for blind; 30817, 31st January; (18, 22nd February).*
- Dring, T. A., Trowbridge, England; flying-machine; 30982, 6th March; 36, 18th April).
- Droutlege, H., Auckland, New Zealand; teat-cup; 30939, 24th February.
- Droutlege, H., Auckland, New Zealand (see Eureka Milking-machine Company, Limited, No. 30997).
- Duigan, G. O., Surrey Hills, New South Wales (see H. E. Cooper, No. 31020).
- Du Noe, D. C., and another, Sydney, New South Wales; target; 30836, 7th February; (27, 21st March).*
- Dupree, J. A., Auckland, New Zealand; lattice, &c., work; 31134, 29th March.
- Easte, A. H., Palmerston North, New Zealand; air-admission funnel; 31006, 8th March.
- Easterfield, T. H., Wellington, New Zealand; ammonium-sulphate production; 30699, 8th January; (6, 25th January).*
- Easterfield, T. H., Wellington, New Zealand; ammonium sulphate; 30746, 19th January; (80, 8th February).*
- Eberhard, M., and another; calendar; 31009, 7th March.

APPLICANTS FOR LETTERS PATENT—*continued.*

- Edmunds, T. W., and others, Christchurch, New Zealand; hand-loom; 30780, 24th January; (10, 8th February).*
- Edwards, H. H., Croydon Bush, New Zealand; rabbit-trap; 30736, 16th June; (18, 22nd February).*
- Eggleton, A. J., Ohakune, New Zealand; timber-seasoning; 29420, 19th April, 1911; (27, 21st March).
- Ellis, P., Grey Lynn, New Zealand; concrete-building construction; 30714, 11th January; (6, 25th January).*
- Ellison, W. J., and another, Christchurch, New Zealand; chair stay and rack; 30995, 6th March.
- Erickson, J., Chicago, United States America (see Automatic Electric Company, No. 30876).
- Erskine, E. J., Sydney, New South Wales; lighted sign; (R. F. Venner); 30835, 7th February; (36, 18th April).
- Eureka Milking Machine Company, Limited, Auckland, New Zealand; milking-machine; (H. Droutlege); 30997, 7th March.
- Fahey, C. P. F., Dunedin, New Zealand; kerosene-tin tap; 31069, 22nd March.
- Fahey, W. J., Dunedin, New Zealand; hatpin-point protector; 30925, 19th February.
- Fairhead, W., Palmerston North, New Zealand; bench-cramp; 31083, 26th March.
- Fairhead, W., Palmerston North, New Zealand; clothes-peg; 31094, 28th March.
- Faulkner, A., Gisborne, New Zealand; gauge-glass; 30697, 6th January.
- Félizat, L., Salon, France; furnace; 30999, 7th March; (36, 18th April).
- Ferguson, A., Wellington; record-card; 30860, 14th February; (27, 21st March).*
- Ferguson, A., Wellington; debt-collecting outfit; 30991, 6th March.
- Fergusson, E., Waverley, New Zealand; pasteurizer; 30839, 7th February; (18, 22nd February).*
- Field, J. C., Orange, United States America; train electric-signal circuit; 31114, 30th March, 1911.†
- Findlay, F., Petersham, New South Wales; roller-skate; 31055; 20th March.
- Findlay, G., Hastings, New Zealand; horse-bolting prevention; 30827; 6th February; (27, 21st March).
- Fleming, A. S., Brisbane, Queensland; disinfectant-distributor; 31023, 12th March.
- Flursheim, B. J., Fleet, England; explosive; 30704, 24th February, 1910.†
- Flursheim, B. J., Fleet, England; explosive; 30705, 24th February, 1910.†
- Foan, H. W., Bristol, England (see J. Lysaght, Limited, No. 30701).
- Forscutt, S. B., Dunedin, New Zealand; target; 29036, 9th February, 1911; (18, 22nd February).
- Fort, G. D., and another, Auckland, New Zealand; kettle; 30970, 2nd March.
- Fort, G. D., and another, Auckland, New Zealand; wash boiler and frame; 31041, 15th March.
- Fountain, W. G., and another, Hamilton, New Zealand; milk-releaser; 29539, 12th May, 1911; (27, 21st March).
- Fox, F. H., and another, Wellington, England; puttee, &c.; 31037, 14th March.
- Fraser, F. H., Sydney, New South Wales (see S. I. Crookes, No. 30786).
- Fredric, J. W., and others, Stratford, New Zealand; tool-handle securing; 30813, 1st February; (18, 22nd February).*
- Friese-Greene, W., and others; Brighton, England; reproduction of animated pictures; 31049, 19th March.
- Friese-Greene Patents, Limited, London, England; reproduction of animated pictures; 31049, 19th March.
- Fullman, W., and another; New Plymouth, New Zealand; solder; 30929; 21st February.
- Fyfe, J., Boort, Victoria; bag-fastener; 31059, 9th August, 1911.†
- Gaffney, C., Gore, New Zealand; rabbit trap and fence; 30884, 16th February; (23, 7th March).*
- Galopin, H., Melbourne, Victoria (see J. M. Matheson and W. M. Bruce, No. 31033).
- Gans, R., Pankow, Germany (see J. D. Riedel, Aktiengesellschaft, Nos. 29743 and 29744).
- Gardiner, R. C., Eltham, New Zealand; hatpin; 30792, 27th January.
- Gattsche, H. J., and another; calendar; 31009, 7th March.
- Geary, A. H., and another, Huntly, New Zealand; concrete fencing-post; 30141, 2nd September; (3, 11th January).*
- Geddis, G. C., Makikihi, New Zealand; hames-hook; 30931, 23rd February; (33, 4th April).*

APPLICANTS FOR LETTERS PATENT—*continued.*

Gesellschaft für Drahtlose Telegraphie m.b.H., Berlin, Germany (see E. Phillips, Nos. 31119, 31120, and 31121).
 Gesellschaft für Drahtlose Telegraphie m.b.H., Berlin, Germany; electric oscillation receiver (W. Schloemilch); 30981, 9th March, 1911.†
 Gibbs, G., Motueka, New Zealand; beer, &c., cooler; 30492, 11th November, 1911; (27, 21st March).
 Gilbert, J. B., Beverly, United States America (see United Shoe Machinery Company, No. 29603).
 Gilberthorpe, G. L., and another, Chatswood, New South Wales; sliding gate; 30208, 13th September, 1911; (23, 7th March).
 Gilberthorpe, G. L., and another, Chatswood, New South Wales; fireproof blind, &c.; 31052, 20th March.
 Gill, J. H., Dunedin, New Zealand; wave-motor; 30751, 18th January; (10, 8th February).*
 Gillespie, D., jun., Dunedin, New Zealand; attaching rails, &c., to bed-posts; 30988, 4th March; (36, 18th April).*
 Gillies, D. M., Wellington, New Zealand; packing-ring; 30086, 25th August, 1911; (18, 22nd February).
 Gittos, E. S., Auckland, New Zealand; propeller; 30905, 20th February; (33, 4th April).*
 Godfree, E. G., Sandringham, Victoria; telephone system toll-recorder; 31085, 3rd April, 1911.†
 Goldstraw, R. S., Camperdown, Victoria; teat-cup support; 30824, 6th February; (27, 21st March).
 Goodhead, F., Christchurch, New Zealand; machinery-belt manufacture; 30962, 28th February; (36, 18th April).*
 Goodin, G. L., Cheltenham, New Zealand; plough-attachment; 30678, 29th December, 1911; (27, 21st March).*
 Goodstein, A. J., and others, Christchurch, New Zealand; hand-loom; 30780, 24th January; (10, 8th February).*
 Gordon, C. A., Brisbane, Queensland; tap; 30683, 3rd January; (18, 22nd February).
 Gouldbourn, J., Leicester, England (see United Shoe Machinery Company, No. 30958).
 Grace, C., Dunedin, New Zealand; oil-flow direction-indicator; 31022, 11th March.
 Grace, T., Sydney, New South Wales; vehicle-wheel; 29527, 11th May, 1911; (23, 7th March).
 Graham, J. H., Christchurch, New Zealand; tramway-point operating; 29178, 24th February, 1911; (23, 7th March).
 Green, C. A., and another, Marrackville, New South Wales; tea-packing machine; 30205, 13th September, 1911; (3, 11th January).
 Greenslade, J., Prebbleton, New Zealand; threshing-machine; 29090, 31st January, 1911; (6, 25th January).
 Greenwood, B., Dunedin, New Zealand; weatherboard and joint; 30936, 22nd February.
 Greig, H., Foxton, New Zealand; flax-blade-tail clipper; 30909, 21st February; (33, 4th April).
 Grierson, H. C., Auckland, New Zealand; wind-screen for motor-car; 30904, 19th February; (33, 4th April).*
 Griffin, H. A. T., Sydney, New South Wales; tie affixing to collar; 30953, 15th May, 1911.†
 Griffiths, A., and others, Herne Hill, England; wall-surface plate; 30708, 4th October, 1911.†; (18, 22nd February).
 Griffiths, E. A., Auckland, New Zealand; ship-alarm apparatus; 31036, 14th March).
 Hackney, L. S., St. Paul, United States America; motor-plough; 30739, 17th January; (18, 22nd February).
 Hackney, L. S., St. Paul, United States America; steering-device for traction-vehicle; 30740, 17th January; (18, 22nd February).
 Hadaway, J. B., Swampscott, United States America (see United Shoe Machinery Company, Nos. 29076 and 29305).
 Haigh, H. R., Derby, England; train-lighting valve; 30724, 10th January; (18, 22nd February).
 Hainsworth, A. J., Wellington, New Zealand; electrical heater; 29327, 27th March, 1911; (18, 22nd February).
 Hall, C. G., Auckland, New Zealand; timepiece-dial; 30906, 20th February; (33, 4th April).*
 Hamilton, A., jun., Gleniti, New Zealand; traction-engine fly-wheel and winch; 30850, 8th February; (27, 21st March).*
 Hamlin, E. A. G., Napier, New Zealand; hatpin-guard; 30727, 12th January.
 Hanson, H., Wellington, New Zealand; nail; 31034, 13th March.
 Hanson, H., Wellington, New Zealand; lead-head-nail machine; 31035, 13th March.
 Hardley, C. E., Auckland, New Zealand; vacuum tank; 31076, 23rd March.
 Hardley, C. E., Auckland, New Zealand; broadcast spreader; 31077, 23rd March.
 Harker, W. J., and another, Auckland, New Zealand; boot-sole; 30722, 10th January.

APPLICANTS FOR LETTERS PATENT—*continued.*

Harkness, B. G. A., Stratford, New Zealand; vacuum pump and pulsator; 31063, 21st March.
 Hastings, C. D., Detroit, United States America; vehicle-spring; (E. A. Nelson); 30415, 26th October, 1911; (23, 7th March).
 Hatton, F., Timaru, New Zealand; moulding-machine; 31130, 29th March.
 Hawkes, D. J., Christchurch, New Zealand; door-stop, &c.; 29372, 5th April, 1911; (18, 22nd February).
 Haycock, G. W., Wanganui, New Zealand; hose-coupling; 31032, 13th March.
 Haydon, G. A., Auckland, New Zealand; lock-nut; 9th August, 1911; (10, 8th February).*
 Hayes, E., Oturehua, New Zealand; gate-hanger; 29055, 26th January, 1911; (3, 11th January).
 Headland, H., Nelson, New Zealand; envelope; 31017, 9th March.
 Healey, L., Leeston, New Zealand; vehicle-jack; 30706, 10th January; (6, 25th January).*
 Heinecke, V. J., and another, Murrumbena, Victoria; tire-cover; (E. Clark); 30732, 16th January, 1911.†
 Henning, A., Leytonstone, England, material-cleaning device; 30983, 9th March, 1911.†
 Herd, J., Dunedin, New Zealand; life-saving apparatus; 30883, 14th February; (23, 7th March).*
 Hewitt, H. H., London, England; mineral-water, &c., manufacture; 29304, 22nd March, 1911; (10, 8th February).
 Hill, F., Christchurch, New Zealand; saucepan-lid lifter; 31109, 29th March.
 Hill, J. A., Sheffield, England; furnace-grate; 31028, 14th March.
 Hitchins, A. J. P., Tamworth, New South Wales; sheep-peece treatment; 30690, 3rd January.
 Hodge, E., Christchurch, New Zealand; rotary cutter; 30811, 31st January; (18, 22nd February).*
 Hoffman, S., and another, New York, United States America (see Locomotive Superheater Company, No. 30948).
 Hollick, S. R., and others, Westcliff-on-Sea, England; gun-sight; 31044, 30th March, 1911.†
 Holmes, G. G., Pigeon Bay, New Zealand; exterminating flies; 30694, 5th January; (18, 22nd February).*
 Hood, R., and another, Sydney, New South Wales; water-tap operator; 30871, 14th February; (36, 18th April).*
 Horne, J. T., Rock Ferry, England; ship's hold, &c., obtaining access to; 30973, 13th April, 1911.†; (36, 18th April).
 Hoskins, G. J., Sydney, New South Wales; trimming socket and spigot ends of cast-iron pipes; 31048, 19th March.
 Hovell, D. de B., Sumner, New Zealand; hot-water system; 31008, 7th March.
 Howland, T., Mackay, Queensland; pump-valve; 30911, 21st February; (33, 4th April).*
 Huebner, W. C., Buffalo, United States America (see Huebner-Bleistein Patents Company, No. 30802).
 Huebner-Bleistein Patents Company, Buffalo, United States America; adjustment-controller; (W. C. Huebner); 30802, 30th January; (23, 7th March).
 Hughes, P. R., Camberwell, Victoria (see Hughes Patents Proprietary, Limited, No. 30959).
 Hughes Patents Proprietary, Limited, Melbourne, Victoria; Bag-link-hook fastener; (P. R. Hughes); 30959, 28th February; (33, 4th April).
 Humphrey, H. A., and another, London, England; liquids-raising, &c.; 31096, 2nd June, 1911.†
 Hunter, W. E., Maungakarama, New Zealand; wire-strainer and whip-handle; 30774, 20th January; (10, 8th February).*
 Hunter, W. E., Maungakarama, New Zealand; hatpin-ornament; 30775, 20th January; (18, 22nd February).*
 Hunter, W. E., Maungakarama, New Zealand; trousers-clasp; 30820, 29th January; (23, 7th March).*
 Hurd, T., Dunedin, New Zealand; door draught-preventer; 30987, 2nd March; (36, 18th April).*
 Hutchinson, G. W., Walton, New Zealand; agricultural-implement lever and quadrant-rack; 31046, 16th March; (36, 18th April).
 Hyde, C. R., and another, Sydney, New South Wales; water-tap operator; 30871, 14th February; (36, 18th April).*
 Imperial Cash Register Company, Limited, Wellington, New Zealand; cash-register; (C. Bristow); 28889, 17th December, 1910; (3, 11th January).
 International Wrapping Machine Company, Milwaukee, United States America; wrapping-machine; (F. H. Merrell and W. S. Amidon); 30791, 24th January; (23, 7th March).
 Ireland, H. E., and another, Wahgunyah, Victoria; wire-strainer; 30500, 8th December, 1910.†; (18, 22nd February).

APPLICANTS FOR LETTERS PATENT—continued.

Jackson Boilers, Limited, Leeds, England; water-boiler; (H. Jackson); 30682, 3rd January.

Jackson, F., Waimate, New Zealand; halter and tie-rope; 30707, 9th January; (6, 25th January).*

Jackson, F., Otakeho, New Zealand; windmill-controller; 30777, 24th January; (23, 7th March).

Jackson, H., Leeds, England (see Jackson Boilers, Limited, No. 30682).

Jackson, H., Garstang, England; paper-making pulp; 30729, 16th January; (18, 22nd February).

Jacobsen, W., and others, Dunedin, New Zealand; street-indicator; 30848, 10th February; (27, 21st March).*

Jacobsen, W., and others, Dunedin, New Zealand; street, &c., indicator; 31097, 28th March.

Jago, W., and another, London, England; flour and bread manufacture; 30765, 3rd February, 1911†; (27, 21st March).

Jakeman, W. D., and another, Huntly, New Zealand; concrete fencing-post; 30141, 2nd September, 1911; (3, 11th January).*

James, H. W., Inglewood, New Zealand; milk, &c., aerator and cooler; 31082, 26th March.

Jenkin, W. J., and another, Christchurch, New Zealand; chair-stay and rack; 30995, 6th March; (36, 18th April).*

Jerne, H., London, England; egg-conservation; 30858, 13th February; (27, 21st March).

Joel, W. C., Melbourne, Victoria; flashing-gas sign; 29235, 9th March, 1911; (10, 8th February).

Johns, W. E., and others, Hamilton, New Zealand; concrete-block mould; 30756, 20th January; (10, 8th February).*

Johns, W. E., and others, Hamilton, New Zealand; concrete-work box; 30772, 23rd January; (10, 8th February).*

Johnson, A. E., Beverly, United States America (see United Shoe Machinery Company, No. 29344).

Johnson, E. E., Johannesburg, Transvaal; metal-extraction; 30785, 25th January; (23, 7th March).

Johnson, F. A., Kawakawa, New Zealand; acetylene-generator; 30986, 2nd March; (36, 18th April).*

Johnston, G. G., Woollahra, New South Wales; water-proofing leather; 31057, 20th March.

Jones, A. W., and others, Christchurch, New Zealand; handloom; 30780, 24th January; (10, 8th February).*

Jones, D., Wareora, New Zealand; boiler, &c., furnace; 30826, 6th February; (18, 22nd February).*

Jones, D. R., Wanganui, New Zealand; steam cooker; 30721, 12th January.

Jones, F. A., and another, Wagga Wagga, New South Wales; tap or cock; 30806, 31st January; (18, 22nd February).*

Jones, F. A., and another, Wagga Wagga, New South Wales; tap; 30831, 7th February; (18, 22nd February).*

Jones, J. R., Gisborne, New Zealand; meat-rail tumbler-switch; 30026, 9th September, 1911; (27, 21st March).

Jonson, J., and others, Stratford, New Zealand; tool-handle securing; 30813, 1st February; (18, 22nd February).*

Jordeson, T. P., and Co., London, England; refrigerator, &c.; 30984, 9th March, 1911.†

Joseph, E. L., and others, London, England; transforming continuous into intermittent currents; 31054, 23rd March, 1911.†

Joshua Hendy Ironworks, San Francisco, United States America; traction-engine drive-wheel; 30864; 14th February.

Judkins, G. U., Christchurch, New Zealand; spouting-bracket-making apparatus; 31099, 27th March.

Kaveney, J., Ashburton, New Zealand; railway-signal; 30918, 20th February.

Keeble, H., Norfolk, England; ironsand-treatment; 30689, 30th January, 1911†; (18, 22nd February).

Keesing, H. M., Auckland, New Zealand; fire-grate; 29127, 13th February, 1911; (6, 25th January).

Kelly, F. J., Martinborough, New Zealand; non-refillable bottle; 31117, 30th March.

Kennedy, C. D., Napier, New Zealand; puncture-sealing material; (H. A. Wanklyn); 30711, 10th January; (18, 22nd February).

Kennedy, R., Pollokshields, Scotland; milk-conveying to delivery-can; 31047, 19th March.

Kerby, F., Paddington, New South Wales; belt-fastener; 30207, 13th September, 1910†; (3, 11th January).

Kessell, R. T., Hastings, New Zealand; gas-meter regulator; 30903, 30th January; (18, 22nd February).*

Killen, E. B., London, England; rubber tire; 30762, 23rd January; (23, 7th March).

King (see Sherwood-King).

Kreissig, M. O., Wellington, New Zealand; show-case; 29134, 15th February, 1911; (6, 25th January).

Kucharski, S., Weidmannslust, Germany; cinematograph-film printing; 30990, 6th March; (36, 18th April).

Kuschert, F. C. W., and another, Wahgunyah, Victoria; wire-strainer; 30500, 8th December, 1910†; (18, 22nd February).

APPLICANTS FOR LETTERS PATENT—continued.

Laman, H., Sydney, New South Wales; hatpin; 31053, 20th March.

Lamb, P. W., Wellington, New Zealand; building-block; 30755, 20th January; (23, 7th March).

Lambert, F., and others, Kimberley, South Africa (see J. R. Park, No. 30790).

Lane, F. A. L., Little Falls, United States America; teat-cup; 30979, 6th March, 1911.†

Langevad, T. L., Auckland, New Zealand; concrete-steps building; 30994, 5th March; (36, 18th April).

Lassen, A. J. L., Frederiksberg, Denmark; bottle-closure; 30731, 16th January; (18, 22nd February).

Latta, R., Owaka, New Zealand; music-stand; 31002, 5th March.

Lawrence, L. L., and others, Bridgeport, United States America (see W. H. Blackham, No. 30872).

Lawrence, W. H., Pollokshields, Scotland; liquid-conveyor, &c.; 30947, 27th February; (36, 18th April).*

Lee, H. W., and another, Mount Morgan, Queensland; mine-alarm; 28942, 4th January, 1911; (3, 11th January).

Leitch, W., Melbourne, Victoria; baker's oven; 30710, 10th January; (18, 22nd February).

Leslie, H. M., Glasgow, Scotland; ore-treatment; 30804, 31st January; (23, 7th March).

Leslie, H. M., Glasgow, Scotland; metal-extraction; 30805, 31st January; (23, 7th March).

Liedke, W., Berlin-Charlottenburg (see Olso-Licht-Gesellschaft Halbmayr and Co., No. 30407).

Light, A. H., Palmerston North, New Zealand; menu card and stand; 31093, 28th March.

Lindqvist, F. W., Stockholm, Sweden (see Aktiebolaget Primus, No. 30832).

Lloyd, M. B., Menominee, United States America (see Automatic Welding Company, No. 30770).

Locomotive Superheater Company, New York, United States America; steam-collector; (F. J. Cole and S. Hoffman); 30948, 8th April, 1911.†

Longdill, C. P. W., Auckland, New Zealand; trouser-braces; 31100; 29th March.

Lough, F. J., and others, Dunedin, New Zealand; street-indicator; 30848, 10th February; (27, 21st March).*

Lough, F. J., and others, Dunedin, New Zealand; street, &c., indicator; 31097, 28th March.

Luard, E. S., London, England; steam-superheater; 30809, 12th April, 1911.†

Luke, E. H., Napier, New Zealand; window-sash counter-balancing; 31005, 8th March; (36, 18th April).*

Lund, T., Beverly, United States America (see United Shoe Machinery Company, No. 29449).

Lysaght, J., Limited, Bristol, England; wire-netting machine; (H. W. Foan); 30701, 9th January; (18, 22nd February).

Maas, E. H., and another, Sydney, New South Wales; tin-opening, &c.; 30844, 8th February.

McAuslin, D., Mosgiel, New Zealand; boot; 30753, 18th January; (23, 7th March).

McBerty, F. R., Charlottenburg, Germany; telephone-exchange system; 30965, 1st March, 1911.†

McBrearty, H. H., Gladstone, New Zealand; vehicle shoe-brake; 30912, 21st February; (33, 4th April).*

McCalla, W. E., and others, Lancaster, England; wall-surface facing-plate; 30708, 4th October, 1911†; (18, 22nd February).

McCarter, R. D., London, England; railway tie or sleeper; 30763, 23rd January; (23, 7th March).

McCarty, W., Auckland, New Zealand; hatpin; 30923, 20th February.

McCormack, T., Dunedin, New Zealand; range fire-door; 30633, 13th December, 1911; (18, 22nd February).

McCormack, T., Dunedin, New Zealand; high-pressure boiler; 30634, 13th December, 1911; (23, 7th March).

McCourt, C. D., and others, Balham Hill, England; heating liquids; 29123, 22nd February, 1910†; (18, 22nd February).

McCoy, C. A., Christchurch, New Zealand; telephone-mouth-piece disinfectant; 30996, 6th March; (36, 18th April).*

Maediarmid, R. C., Huntly, New Zealand; ferro-concrete post; 30798, 30th January.

Maddonald, A., and others, Dunedin, New Zealand; cutter and draw-off pipe for kerosene-tins; 30880, 12th February; (33, 4th April).

Maddonald, C. R., Auckland, New Zealand; pills administering to animals; 31070, 21st March.

Maddonald, C. R., Auckland, New Zealand; pills administering to animals; 31071, 21st March.

Maddonald, D. W., Maharahara, New Zealand; vehicle-body adjustment; 30873, 14th February; (27, 21st March).*

McDonald, H., Auckland, New Zealand; washing-board; 31050, 19th March.

McFarlane, C. S., Auckland, New Zealand; gas-production from hydro-carbon oils; 29173, 22nd February, 1911; (6, 25th January).

APPLICANTS FOR LETTERS PATENT—*continued.*

McFeely, R. F., Beverly, United States America (see United Shoe Machinery Company, Nos. 29199 and 29415).

McGann, T., and another, Mortlake, Victoria; window-anti-rattler; 29343, 29th March, 1911; (18, 22nd February).

McGill, D., Petone, New Zealand; cotton-wool production from flax; 31062, 21st March.

McHarrie, W., Hamilton, New Zealand; cement-bag; 30745, 17th January; (10, 8th February).*

McIlveney, P., Auckland, New Zealand; closet-flush; 30885, 16th February; (23, 7th March).

Mackenzie, J. D., and others, Rosettnville, Transvaal; gold-extraction; 29296, 21st March, 1911; (27, 21st March).

Macklin, H. J., and another, Ulverston, England; axle-box; 30703, 9th January; (10, 8th February).*

Maemeikan, J., Melbourne, Victoria; delivering air to defrosting chamber; 31091, 28th March.

McMillan, J. W., and others, Stratford, New Zealand; tool-handle securing; 30813, 1st February; (18, 22nd February).*

McMillan, T. E., and another, Tokomaru, New Zealand; knife and comb flax-tail cutter; 30980, 5th March.

McNab, N. S., Caulfield, Victoria; postage-stamp affixing machine; 31058, 20th March.

McRae, D., Wellington, New Zealand; bedding; 28959, 6th January, 1911; (3, 11th January).

Maddren, C., Christchurch, New Zealand; twine-balling machine; 30857, 10th February; (27, 21st March).

Maidens, J. W., Little River, New Zealand; grass-stripper; 31016, 6th March.

Maitland, J., Clinton, New Zealand; fencing-standard; 30717, 11th January; (18, 22nd February).*

Malone, W. M., and another, Narrabri, New South Wales (see Malone's Fastener, Limited, No. 30870).

Malone's Fastener, Limited, Sydney, New South Wales; boot, &c., fastening; (W. M. Malone and J. T. O'Neill); 30870, 14th February; (27, 21st March).

Manley, A., and another, Ngaere, New Zealand; milk-cock; 30869, 14th February; (27, 21st March).

Manley, A., and another, Ngaere, New Zealand; milk-cock; 31015, 9th March.

Manson, D., Riversdale, New Zealand; palm-protector; 30930, 23rd February; (33, 4th April).

Marshall, H. C., and another, Chatswood, New South Wales; sliding door, &c.; 30208, 13th September, 1911; (23, 7th March).

Marshall, H. C., and another, Chatswood, New South Wales; fire-proof blind; 31052, 20th March.

Matheson, J. N., and another, Tyers, Victoria; tachometer; (H. Galopin); 31033, 13th March.

May, T. W., Auckland, New Zealand; ship-steering apparatus; 31001, 7th March; (36, 18th April).*

Mégevet, C. J., and another, Geneva, Switzerland; combustion-engine fuel-feed; 30822, 6th February; (27, 21st March).

Mégevet, C. J., and another, Geneva, Switzerland; carburettor; 30823, 6th February; (27, 21st March).

Meissner, A., Berlin, Germany (see E. Phillips, No. 31119).

Menzel, C. L., Nobby, Queensland; boat; 30837, 6th March, 1911.†

Menzel, C. L., Nobby, Queensland; life-belt; 30838, 22nd March, 1911.†

Merrell, F. H., and another, Milwaukee, United States America (see International Wrapping Machine Company, No. 30791).

Merrill, A. P., Malvern, Victoria; vacuum sweeper; (Pneuvac Company—M. S. Wright); 30497, 15th November, 1911; (23, 7th March).*

Metals Extraction Corporation, Limited, and another; metallic-salts deposition; 30895, 22nd March, 1911.†; (33, 4th April).

Metcalfe, H. E., Auckland, New Zealand; sewage-treatment; 30862, 14th February.

Miller, W., Christchurch, New Zealand; wall-plate, &c., checking machine; 30969, 1st March.

Mills, C., Christchurch, New Zealand; knife, fork, &c., cleaning; 30992, 6th March; (36, 18th April).*

Modern Canner Company and others, Chattanooga, United States America (see W. H. Blackham, No. 30872).

Moir, J. T., Eltham, New Zealand; weighing, &c., canister; 30907, 21st February; (27, 21st March).*

Moloney, M., Christchurch, New Zealand; fire-alarm; 29959, 3rd August, 1911; (3, 11th January).

Moore, A., Christchurch, New Zealand; hatpin; 31061, 30th March.

Moran, M., and others, Upper Hutt, New Zealand; blight-destroyer; 30744, 18th January; (18, 22nd February).

Morison, D. B., Hartlepool, England; liquid-cooler; 28811, 1st December, 1910; (18, 22nd February).

Morrill, M. D., Washington, United States America (see Read and Morrill, Inc., No. 30829).

APPLICANTS FOR LETTERS PATENT—*continued.*

Morris, L., and others, Christchurch, New Zealand; handloom; 30780, 24th January; (10, 8th February).*

Morris, W. E., and another, Marrackville, New South Wales; tea-packeting machine; 30205, 13th September, 1911; (3, 11th January).

Moss, E., Christchurch, New Zealand; electrical annunciator; 29219, 3rd March, 1911; (18, 22nd February).

Mouat, M., Otahuhu, New Zealand; sanitary apparatus; 31086, 27th March.

Muir, J. M., and another, Dunedin, New Zealand; electrical announcer; 30810, 29th January; (18, 22nd February).*

Munden, A. J. W., Dunedin, New Zealand; telephone-list control; 30749, 18th January; (18, 22nd February).*

Munden, A. J. W., and another, Dunedin, New Zealand; electrical announcer; 30810, 29th January; (18, 22nd February).*

Munro, A. G., Bendigo, Victoria; closet-seat sanitary device; 31089, 27th March.

Murphy, J. B., Cork, Ireland; window-sash support; 30943, 14th March, 1911.†

Murray, A. C., and others, Timaru, New Zealand; speed controller and recorder; 28987, 12th January, 1911; (3, 11th January).

National Machine Recorder Company, Chicago, United States America (see E. Phillips, No. 29717).

Neighbour, A. G. L., Beaumaris, Victoria; shearing-machine; 30766, 25th January, 1911.†

Neil, J. M., New York, United States America (see Chemical Process Company, No. 30940).

Neil, J. M., Toronto, Canada; metal-precipitation; 30812, 1st February; (33, 4th April).

Nelson, E. A., Detroit, United States America (see C. D. Hastings, No. 30415).

Newitt, E. J. D., and others, London, England; gun-sight; 31044, 30th March, 1911.†

Newlyn, J. H., Christchurch, New Zealand; balloting-machine; 30937, 26th February.

Newth, F. E., Wellington, New Zealand; meat-dish; 31113, 30th March.

Nicholas, W., Hook, New Zealand; hydraulic ram; 29396, 11th April, 1911; (3, 11th January).

Nicolson, M., Clareville, New Zealand; braces; 30828, 3rd February.

Nightingall, V. C. J., Melbourne, Victoria; radiator; 31078, 26th March.

Noe (see Du Noe).

Norris, G. S., Brisbane, Queensland; lock-nut; 30808, 31st January; (23, 7th March).

North, F., Wellington, New Zealand; bowls-carrier; 30783, 25th January; (10, 8th February).*

Noy, E. H., and another, Auckland, New Zealand; kettle; 30970, 2nd March.

Noy, E. H., and another, Auckland, New Zealand; wash boiler and frame; 31041, 15th March.

O'Connor, C. M. M., Oxley, Queensland; calculating-machine; 30563, 27th November.†; (23, 7th March).

Ogden, H., Hastings, New Zealand; wool-press; 30778, 24th January; (18, 22nd February).*

Ohlhaber, P. D. H., Sande, Germany; dried yeast; 30767, 1st March, 1911.†; (23, 7th March).

Ohlhaber, P. D. H., Sande, Germany; yeast vitality maintaining; 30768, 1st March, 1911.†.

Olso-Licht-Gesellschaft-Halbmayr and Co., Vienna, Austria; compressed gas, &c., production; (W. Liedke); 30407, 3rd January, 1911.†; (23, 7th March).

Ommundsen, H., and others, London, England; gun-sight; 31044, 30th March, 1911.†

O'Neill, J. T., and another, Narrabri, New South Wales (see Malone's Fastener, Limited, No. 30870).

O'Neill, P. S., and another, Greymouth, New Zealand; wheel; 31066, 19th March.

Ozonair Limited, and another, London, England; transforming continuous into intermittent currents; 31054, 23rd March, 1911.†

Park, D., Otekaike, New Zealand; hatpin; 30856, 12th February; (27, 21st March).*

Park, D., Otekaike, New Zealand; paper bag; 31108, 29th March.

Park, J. R., Dunedin, New Zealand; mine-cage safety apparatus; (C. Dickie, F. Lambert, and R. Stables); 30790, 24th January; (23, 7th March).

Park, M. A., Dunedin, New Zealand; game; 30928, 21st February; (33, 4th April).*

Park, R. T., jun., Albert Park, Victoria; chaff-compressor; 30998, 16th March, 1911.†

Parker, E. A., Havelock, New Zealand; non-refillable bottle; 30957, 28th February; (36, 18th April).*

APPLICANTS FOR LETTERS PATENT—*continued.*

Paterson, J., Auckland, New Zealand; sand-soap moulding and cutting; 30715, 11th January.

Paterson, N., Dunedin, New Zealand; voting-paper; 30754, 18th January; (10, 8th February).*

Paterson, W. J., Kingsland, New Zealand; milk-releaser; 30796, 27th January; (18, 22nd February).*

Paterson, W. J., Kingsland, New Zealand; milk-releaser; 30853, 9th February; (27, 21st March).

Paterson, W. J., and another, Hamilton, New Zealand; milk-releaser; 29539, 12th May, 1911; (27, 21st March).

Pattison, F. W., and another, Invercargill, New Zealand; wash-hand basin; 30935, 21st February; (36, 18th April).*

Pauly, A. A., Youngstown, United States America; moulding-apparatus; 30692, 4th January; (18, 22nd February).

Peacocke, P. J. R., Auckland, New Zealand; preserve, &c., manufacture; 31095, 26th March.

Pearce, J., Darlinghurst, New South Wales; raft chock and releaser; 30712, 10th January; (6, 25th January).*

Pearce, R. F., Liverpool, England; gas-fume, &c., collection; 31115, 30th March.

Pearson, J., Stafford, New Zealand; removing obstruction from animal's throat; 30845, 6th February; (23, 7th March).*

Penfold, A. H., Dunedin, New Zealand; kerosene-tin cutter; 30759, 19th January.

Penfold, A. H., and others, Dunedin, New Zealand; kerosene-tin cutter and draw-off pipe; 30880, 12th February; (33, 4th April).

Penney, G. W., Gore, New Zealand; detachable-clasp fitting; 29438, 1st May, 1911; (27, 21st March).

Penney, G. W., Dunedin, New Zealand; whiffletree, &c.; 30748, 18th January; (10, 8th February).*

Perry, F. H., Beverly, United States America (see United Shoe Machinery Company, No. 29201).

Perry, P., and another, Christchurch, New Zealand; hatpin; 30847, 9th February; (27, 21st March).*

Phillips, E., Melbourne, Victoria; machine-recorder; (National Machine Recorder Company—P. A. Cooney); 29717, 13th June, 1911; (27, 21st March).

Phillips, E., Melbourne, Victoria; electric-circuit spark gap; (Gesellschaft für Drahtlose Telegraphie, [m.b.H. — A. Meissner); 31119, 29th March.

Phillips, E., Melbourne, Victoria; wireless installation (Gesellschaft für Drahtlose Telegraphie [m.b.H. — G. G. von Arco); 31120, 29th March.

Phillips, E., Melbourne, Victoria; wireless-telegraph mast; (Gesellschaft für Drahtlose Telegraphie m.b.H. — F. Braekerbohm); 31121, 29th March.

Philp, S., Wellington, New Zealand; plant-protector; 31039, 14th March.

Picker, L., and another, Geneva, Switzerland; combustion-engine fuel-feed; 30822, 6th February; (27, 21st March).

Picker, L., and another, Geneva, Switzerland; carburettor; 30823, 6th February; (27, 21st March).

Pierce, J., Dunedin, New Zealand; kitchen-range attachment; 30741; 16th January; (10, 8th February).*

Pirie, A. W., and another, Napier, New Zealand; skylight; 30747, 19th January; (23, 7th March).

Pitts, R. W. G., and another, Mortlake, Victoria; window-antirattler; 29343, 29th March, 1911; (18, 22nd February).

Player, C. E., Auckland, New Zealand; cooling-screen; 29155, 18th February, 1911; (18, 22nd February).

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

Pocock, A. C., Hamilton, New Zealand; milking-machine; 29903, 20th July, 1911; (10, 8th February).

Pocock, A. C., Hamilton, New Zealand; milk-releaser; 29598, 22nd May, 1911; (18, 22nd February).

Ponninghaus, W. B. D., South Yarra, Victoria; shower-bath; 30742, 16th January; (18, 22nd February).

Poole, R. M., and another, Mount Gambia, South Australia; spraying-apparatus; 31027, 13th March.

Porter, R. C., Auckland, New Zealand; valve, seat, &c., 29032, 20th January, 1911; (10, 8th February).

Post, W. H., Battle Creek, United States America (see Postum Cereal Company, Limited, No. 31040).

Postum Cereal Company, Limited, Battle Creek, United States America; beverage-extracts; (W. H. Post); 31040, 14th March.

Pratley, W., Timaru, New Zealand; bricklayer's derriok; 30849, 8th February; (27, 21st March).*

Preston, J. E., Stockport, England; galvanic battery; 28903, 20th December, 1910; (3, 11th January).

Ramsbotham, S. H., Ohau, New Zealand; acetylene-generator; 30975, 2nd March; (36, 18th April).*

Randle, T. R., Dunedin, New Zealand; casement-hinge; 30750, 18th January; (10, 8th February).*

Ranginui, I., Kakahi, New Zealand; billiard-table, &c.; 30892, 17th February; (27, 21st March).

APPLICANTS FOR LETTERS PATENT—*continued.*

Ranginui, I., Kakahi, New Zealand; railway-carriage sleeping-accommodation; 31102, 29th March.

Ranginui, I., Kakahi, New Zealand; travelling-trunk; 31103, 29th March.

Ranginui, I., Kakahi, New Zealand; clothes-hanger; 31104, 29th March.

Ranginui, I., Kakahi, New Zealand; window-sash raising, &c.; 31105, 29th March.

Rapp, J. G., and another; San Francisco, United States America; labelling-machine; 30760, 19th January; (23, 7th March).

Raymond, F. V., Invercargill, New Zealand; flax-treatment; 28540, 5th October, 1910; 3, 11th January.

Rayward, H. H., Wellington, New Zealand; phenolic condensation; (Condenser Company of America—J. W. Aylsworth); 30735, 16th January; (36, 18th April).

Read and Morrill, Inc., Brooklyn, United States America; concrete-wall mould; (M. D. Morrill); 30829, 5th February.

Rees, H. J., and another, Glamorgan, Wales; metallic-salts deposition; 30895, 22nd March, 1911.†

Reid, A. W., Stratford, New Zealand; teat-cup; 28712, 10th November, 1910; (10, 8th February).

Reid, A. W., Stratford, New Zealand; teat-cup; 29248, 25th April, 1911; (23, 7th March).

Reid, G., Wellington, New Zealand; milk-release; 31056, 20th March.

Reid, S. A. H., and another; Dunedin, New Zealand; electroplating powder; 30752, 18th January; (10, 8th February).*

Reilly, J., Dunedin, New Zealand; letterette form; 31013, 7th March.

Reinstein, M., London, England; brush; 30877, 13th February; (27, 21st March).

Renwick, W. K., and others, Hamilton, New Zealand; concrete-block mould; 30756, 20th January; (10, 8th February).*

Renwick, W. K., and others, Hamilton, New Zealand; concrete-work boxing; 30772, 23rd January; (10, 8th February).*

Rich, F. A., and another, Auckland, New Zealand; boot sole; 30722, 10th January.

Richardson, C. S., and others, London, England; speed gear; 30684, 3rd January; (27, 21st March).

Richardson, F. P., and others, London, England; speed gear; 30684, 3rd January; (27, 21st March).

Riddles, J., and another, New Plymouth, New Zealand; solder; 30929, 21st February.

Riedel, J. D., Aktiengesellschaft Berlin, Germany; zeolites, &c., manufacture; (R. Gans); 29743, 20th June, 1911; (10, 8th February).

Riedel, J. D., Aktiengesellschaft, Berlin, Germany; water-softening; (R. Gans); 29744, 20th June, 1911; (10, 8th February).

Roberts, E. J., Christchurch, New Zealand; lithographic-printing press; 30793, 25th January; (18, 22nd February).*

Roberts, E. J., Christchurch, [New Zealand; lithographic-printing-machine feed-guide; 30945, 27th February; (33, 4th April).

Robertson, A. B., New Plymouth, New Zealand; teat-cup claw; 31118, 30th March.

Robertson, A. C., and others, Timaru, New Zealand; speed recorder and controller; 28987, 12th January, 1911; (3, 11th January).

Robertson, C. C., and another, Ngaere, New Zealand; milk-cock; 30869, 14th February; (27, 21st March).

Robertson, C. C., and another, Ngaere, New Zealand; milk-cock; 31015, 9th March; (36, 18th April).

Robertson, M., Fitzroy, Victoria; confectionery; 30074, 23rd August, 1911; (27, 21st March).

Robertson, R. W. D., New Plymouth, New Zealand; teat-cup; 29422, 21st April, 1911; (23, 7th March).

Robinson, H. E. C., Sydney, New South Wales; Metallographic, &c., printing process; 30955, 28th February; (36, 18th April).

Ross, A. Y., Tauranga, New Zealand; lever-jack operating; 29069, 31st January, 1911; (10, 8th February).

Ross, C. H. A. F. L., Belnagown Castle, Scotland; firearm; 30963, 29th February.

Ross, F., and another, Napier, New Zealand; skylight; 30747, 19th January; (23, 7th March).

Ross, H. I. M., Dunedin, New Zealand; ventilator; 31003, 5th March.

Ross, J., Dannevirke; gate-fastener; 30693, 5th January; (6, 25th January).*

Ross, J., jun., Te Pahu, New Zealand; froth-preventer; 30874, 14th February; (27, 21st March).

Roth, R. F., Aukopae Landing, New Zealand; crosscut-saw; 30797, 27th January.

Rough, J. E., and another, Foxton, New Zealand; fibre-treatment; 30964, 29th February.

APPLICANTS FOR LETTERS PATENT—*continued.*

- Rough, R. A., Foxton, New Zealand; fibre-treating machine; 30922, 21st February.
- Rowe, J. M., Rangiora, New Zealand; street side-channel bridge; 29582, 20th May, 1911; (27, 21st March).
- Rowntree, A., Christchurch, New Zealand; broom-handle holder; 30966, 29th February; (33, 4th April).
- Roy, E. W., and another, Dunedin, New Zealand; skiving-machine cutter; 30282, 28th September, 1911; (27, 21st March)*; (27, 21st March).
- Roy, E. W., and another, Dunedin, New Zealand; pneumatic tire; 30725, 11th January; (33, 4th April)*; (33, 4th April).
- Roy, E. W., and another, Dunedin, New Zealand; motor-cycle driving-belt; 30734, 13th January; (18, 22nd February)*.
- Roy, E. W., and another, Dunedin, New Zealand; leather-article manufacture; 30881, 14th February; (23, 7th March)*.
- Roy, E. W., and another, Dunedin, New Zealand; pneumatic tire; 31019, 8th March.
- Rusdell, W. J., and another, Dudley, England; liquids-raising, &c.; 31096, 2nd June, 1911.†
- Russell, A. L., Norfolk, United States America (see United Shoe Machinery Company, No. 29076).
- Russell, F., Adelaide, South Australia; bottle-stopper; 28838, 7th December, 1910; (27, 21st March).
- Rutherford, W. J., and another, Auckland, New Zealand; closet-seat cover; 28786, 26th November, 1910; (3, 11th January).
- Ryan, R., Invercargill, New Zealand; child's cradle; 31090, 26th March.
- Sabroe, A., Hadersleben, Prussia; milking-machine; 30716, 11th January; (18, 22nd February).
- Salmon, J. B., and another, Dunedin, New Zealand; skiving-machine cutter; 30282, 28th September, 1911; (27, 21st March)*; (27, 21st March).
- Salmon, J. B., and another, Dunedin, New Zealand; pneumatic tire; 30725, 11th January; (33, 4th April)*; (33, 4th April).
- Salmon, J. B., and another, Dunedin, New Zealand; motor-cycle driving-belt; 30734, 13th January; (18, 22nd February)*.
- Salmon, J. B., and another, Dunedin, New Zealand; leather-article manufacture; 30881, 14th February; (23, 7th March)*.
- Salmon, J. B., and another, Dunedin, New Zealand; pneumatic tire; 31019, 8th March.
- Salter, T., Westport, New Zealand; shovel-tip; 30779, 24th January.
- Sandford, F., and another, Auckland, New Zealand; hygienic powder for feet; 31010, 7th March.
- Savage, H., Wanganui, New Zealand; breeching-strap keeper; 30685, 3rd January; (6, 25th January)*.
- Scherrer, F., Bonn on the Rhine, Germany; fire-escape; 30956, 28th February; (36, 18th April).
- Schlaadt, H., jun., Dunedin, New Zealand; bar-intersecting, &c.; 31045, 13th March.
- Schloemlich, W., Berlin, Germany (see Gesellschaft für Drahtlose Telegraphie m.b.H. No. 36981).
- Schultz, E., Melbourne, Victoria; shock-absorbing mechanism for motor-car; 30921, 21st February; (36, 18th April)*.
- Schürmann, F. J., Munster, Germany; railway-brake hose-coupling; 30833, 7th February.
- Schwarz, E. A., and another, Palmerston North, New Zealand; electric light supporting-bracket; 30738, 17th January; (18, 22nd February).
- Scott, F. C., Vancouver, Canada (see F. W. Trounce, No. 30896).
- Scott, G., and another, Christchurch, New Zealand; gas-producer air-valve; 29887, 18th July, 1911; (27, 21st March).
- Scott, J. L., and another, Christchurch, New Zealand; gas-producer air-valve; 29887, 18th July, 1911; (27, 21st March).
- Searle, H. S., Invercargill, New Zealand; kerosene-tin nozzle and piercer; 30789, 26th January; (33, 4th April).
- Sharpe, W. C., and another, Louth, England; air-gas production; 29195, 1st March, 1911; (23, 7th March).
- Sharpe, W. C., jun., and another, Louth, England; air-gas production; 29195, 1st March, 1911; (23, 7th March).
- Shaw, H. W., Upper Hutt, New Zealand; concrete-wall building; 30933, 24th February.
- Shaw, W. E., Sydney, New South Wales (see British-Australasian Tobacco Company Proprietary, Limited, No. 30893).
- Shearer, T., Kapuni, New Zealand; teat-cup; 30795, 29th January; (18, 22nd February)*.

APPLICANTS FOR LETTERS PATENT—*continued.*

- Shepherd, J. W., and another, Wagga Wagga, New South Wales; tap; 30806, 31st January; (18, 22nd February)*.
- Shepherd, J. W., and another, Wagga Wagga, New South Wales; tap; 30831, 7th February; (18, 22nd February)*.
- Sherlock, M., Waimangaroa, New Zealand; spouting-bracket; 30841, 8th February; (23, 7th March)*.
- Sherwood-King, H. F., Wellington, New Zealand; curtain-fastening; 31067, 19th March.
- Shone, I., London, England; sewerage system; 31081, 26th March.
- Shoobridge, W. E., Bushy Park, Tasmania; hop-drying; 30542, 21st November, 1911; (18, 22nd February).
- Siddans, T., and another, Tokomaru, New Zealand; knife and comb flax-tail cutter; 30980, 5th March.
- Siddeley, E. J., and another, Sydney, New South Wales; concrete, &c., casting; 31051, 30th March.
- Sinclair, T., Freeburgh, Victoria; fencing-dropper; 30985, 13th March, 1911.†
- Sinclair, T. D., Hastings, New Zealand; shearing-machine adapter; 31065, 21st March.
- Sinclair, T. D., Hastings, New Zealand; motor-cycle side-car shock-absorber; 30978, 5th March; (33, 4th April)*; (33, 4th April).
- Sinton, W., Auckland, New Zealand; window sashcord-fastening; 29777, 24th June, 1911; (27, 21st March).
- Smallwood, A., London, England; rotary furnace, &c.; 30801, 30th January; (23, 7th March).
- Smith, C. B., Dunedin, New Zealand; counter-sales book; 30769, 20th January.
- Smith, D., Wellington, New Zealand; soldering-iron, &c.; 31088, 27th March.
- Smith, J. D., Sydney, New South Wales; scaffold-hanger; 29762, 21st June, 1911; (6, 25th January).
- Smith, J. J., New York, United States America; stone-cutting saw; 30121, 6th September, 1910†; (18, 22nd February).
- Smith, S. G., Oxford, New Zealand; acetylene-generator; 30099, 26th August, 1911; (18, 22nd February).
- Smith, W. W., and others, Timaru, New Zealand; speed controller and recorder; 28987, 12th January, 1911; (3, 11th January).
- Soanes, P. W., and others, Christchurch, New Zealand; loom; 30780, 24th January; (10, 8th February)*.
- Solem, J., Onerahi, New Zealand; hopper-berge; 31060, 21st March.
- Southee, A., and another, Akatarawa, New Zealand; blight-specific; 30698, 8th January; (6, 25th January)*.
- Southee, G., and others, Upper Hutt, New Zealand; blight-destroyer; 30744, 18th January; (18, 22nd February).
- Southee, W., and another, Akatarawa, New Zealand; blight-specific; 30698, 8th January; (6, 25th January)*.
- Spicer, A., Christchurch, New Zealand; telephone antiseptic cap; 30720, 10th January.
- Stables, R., and others, Kimberley, South Africa (see J. R. Park, No. 30790).
- Standen, F. A., St. Ives, England; cultivator; 30972, 2nd March.
- Standish, F., and others, Upper Hutt, New Zealand; blight-destroyer; 30744, 18th January; (18, 22nd February).
- Stavely, R., and another, Sydney, New South Wales; target; 30836, 7th February; (27, 21st March)*.
- Stevenson, G., Cambooya, Queensland; saucepan; 30961, 28th February.
- Stewart, W., and another, Wellington, New Zealand; spanner; 30788, 26th January.
- Stone, E. G., and another, Sydney, New South Wales; concrete, &c., casting; 31051, 20th March.
- Storey, I. H., and others, Lancaster, England; wall-surface facing-plate; 30708, 4th October, 1911†; (18, 22nd February).
- Stretch, H. W., Christchurch, New Zealand; Cheese-cutter; 29187, 27th February, 1911; (23, 7th March).
- Suttie, C., and another, Waharoa, New Zealand; flax-dresser; 29117, 11th February, 1911; (10, 8th February).
- Suttie, C., and another, Waharoa, New Zealand; flax-dresser; 31074, 21st March.
- Swanson, E. M., Melbourne, Victoria; boot brushing and polishing; 30695, 11th February, 1911†; (18, 22nd February).
- Tait, A. L. J., Dunedin, New Zealand; clothes-peg; 30908, 16th February.
- Tait, A. L. J., Dunedin, New Zealand; tire-puncture prevention; 30932, 20th February.
- Tait, A. L. J., Dunedin, New Zealand; fibre-elevating, &c.; 31012, 7th March.
- Talbot, A. F., Christchurch, New Zealand; scissors, &c.; 30688, 3rd January.

APPLICANTS FOR LETTERS PATENT—*continued.*

Taylor, E. J., Highlandville, United States America; roller-bearing; 31092, 28th March.
 Taylor, M., Marton, New Zealand; scrubbing-brush attachment; 30819, 5th February.
 Taylor, R. S., Windsor, New Zealand; knock-down case connecting; 31000, 8th March.
 Templin, J. R., Christchurch, New Zealand; electric-light sign; 30394, 21st October, 1911; (23, 7th March).
 Thompson, F., Christchurch, New Zealand; electors' enrolment-claim; 31007, 7th March.
 Thompson, F. C., Auckland, New Zealand; advertisement-displaying; 30728, 13th January; (10, 8th February).
 Thompson, F. C., Auckland, New Zealand; advertisement-displaying mechanism; 30967, 23th February.
 Thomson, G. S., Dunedin, New Zealand; ledger, &c.; 30161, 4th September, 1911; (3, 11th January).
 Thomson, R., Pollokshields, Scotland; pile, pier, &c., structure; 30799, 30th January; (23, 7th March).
 Thomson, R., Pollokshields, Scotland; column and floor connection; 30800, 30th January; (23, 7th March).
 Thomson, R., Perth, West Australia; corkless bottle; 30913, 21st February; (33, 4th April).
 Tomkies, A. G., Westport, New Zealand; kettle; 31018, 6th March.
 Topham, L. E., Beverly, United States America (see United Shoe Machinery Company, No. 30686).
 Trinder, C. R., Christchurch, New Zealand; saucepan-attachment; 30916, 20th February; (27, 21st March).
 Trounce, F. W., Vancouver, Canada; brush-cutting knife; (F. C. Scott); 30896, 19th February.
 Tuck, C. J., Manakau, New Zealand; hoe; 30854, 12th February; (23, 7th March).
 Tuck, C. J., Manakau, New Zealand; milking-machine claw; 30855, 12th February; (27, 21st March).
 Tunmer, A. A., Seine, France; tennis-racquet; 30949, 19th May, 1911.†
 Turnbull, A. P., Randwick, New South Wales; wind-motor speed-governor; 31087, 28th April, 1911.†
 Turnbull, W., Wellington, New Zealand; hatpin; 30846, 9th February; (27, 21st March).

United Shoe Machinery Company, Paterson, United States America; boot-machine; (J. B. Hadaway and A. L. Russell); 29076, 1st February, 1911; (3, 11th January).
 United Shoe Machinery Company, Paterson, United States America; sole and heel finishing shaft; (H. W. Winter); 29157, 22nd February, 1911; (3, 11th January).
 United Shoe Machinery Company, Paterson, United States America; boot-machine; (R. F. McFeely); 29199, 2nd March, 1911; (10, 8th February).
 United Shoe Machinery Company, Paterson, United States America; inseam-sewing machine; (E. E. Winkley); 29200, 2nd March, 1911; (6, 25th January).
 United Shoe Machinery Company, Paterson, United States America; pattern-generating apparatus; (F. H. Perry); 29201, 2nd March, 1911; (6, 25th January).
 United Shoe Machinery Company, Paterson, United States America; pulling-over machine; (O. Ashton); 29202, 2nd March, 1911; (6, 25th January).
 United Shoe Machinery Company, Paterson, United States America; boot-assembling machine; (O. Ashton); 29203, 2nd March, 1911; (3, 11th January).
 United Shoe Machinery Company, Paterson, United States America; boot-sole-edge machine; (J. B. Hadaway and J. V. Allen); 29305, 22nd March, 1911; (6, 25th January).
 United Shoe Machinery Company, Paterson, United States America; insole-sewing machine; (A. E. Johnson); 29344, 29th March, 1911; (10, 8th February).
 United Shoe Machinery Company, Paterson, United States America; boot-machine; (O. Ashton); 29388, 11th April, 1911; (18, 22nd February).
 United Shoe Machinery Company, Paterson, United States America; removing surplus material from stock; (R. F. McFeely); 29415, 20th April, 1911; (18, 22nd February).
 United Shoe Machinery Company, Paterson, United States America; boot-manufacture; (T. Lund); 29449, 27th April, 1911; (18, 22nd February).
 United Shoe Machinery Company, Paterson, United States America; clicking, &c., block; (J. B. Gilbert); 29603, 25th May, 1911; (23, 7th March).
 United Shoe Machinery Company, Paterson, United States America; lasting, &c., machine; (A. Bates and A. Caselton); 29604, 25th May, 1911; (23, 7th March).
 United Shoe Machinery Company, Paterson, United States America; boot-sewing machine; (L. E. Topham); 30686, 3rd January; (6, 25th January).
 United Shoe Machinery Company, Paterson, United States America; lasting-machine; (J. Goulbourn and A. Bates); 30958, 28th February; (36, 18th April).*

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Venner, R. F., London, England (see E. J. Erskine, No. 30835).
 Vickerman, F. W., Wanganui, New Zealand; casein-extraction; 30902, 19th February.
 Vickerman, F. W., Wanganui, New Zealand, casein-drying; 30903, 19th February; (33, 4th April)*; (36, 18th April).
 Von Arco, G. G., and others, Berlin, Germany (see E. Phillips, No. 31120).
 Wagner, R. D., Paris, France; screw-bolt, &c.; 30942, 28th February, 1911 †; (33, 4th April).
 Wainwright, H. W., Seven Kings, England; cigarette-mouth-piece manufacture; 30730; 20th January, 1911†; (18, 22nd February).
 Walker, J. W., Bradford, England; boat-disengaging gear; 29895; 20th July, 1911; (6, 25th January).
 Wallace, W., Invercargill, New Zealand; rabbit-trap; 29104, 7th February, 1911; (18, 22nd February).
 Wallace, W. P., and others, Dunedin, New Zealand; kerosene-tin cutter and draw-off pipe; 30880, 12th February; (33, 4th April).
 Walton, J. T., Aston, England (see Wolseley Sheep-shearing Machine Company, Limited, No. 30110).
 Wanklyn, H. A., London, England (see C. D. Kennedy, No. 30711).
 Warburton, J., Christchurch, New Zealand; human-flight equipment; 30815, 1st February; (18, 22nd February).
 Warner, J. B., Auckland, New Zealand; concrete building-block; 30976, 1st March; (36, 18th April).
 Warren, J. F., Waipori, New Zealand; nail, &c., extractor; 31014, 7th March.
 Watson, C., Glen Huon, Tasmania; fruit-grader; 30886, 21st February, 1911†; (33, 4th April).
 Watson, R. T., Granity, New Zealand; centre-brake; 30781, 22nd January; (23, 7th March).
 Watres, L. S., Seranton, United States America; lubricator; 31112, 30th March.
 Wearn, J. S., Christchurch, New Zealand; tram-car destination-board; 29878, 17th July, 1911; (27, 21st March).
 Webster, O. B., De Land, United States America; stucco-applying; 31098, 27th March.
 Wedderspoon, W. C., and another, Wellington, New Zealand; electric-light-burner bracket; 30738, 17th January; (18, 22nd February).
 Weedman, G. H., and another, Mount Morgan, Queensland; mine alarm; 28942, 4th January, 1911; (3, 11th January).
 Weekes, W., and another, Footscray, Victoria; windmill, &c., mechanical motion; 30952, 28th March, 1911†; (33, 4th April).
 Weger, B. J., Gisborne, New Zealand; well-boring bit; 29112, 27th January, 1911; (3, 11th January).
 Wells, F. A. L., Ohana, New Zealand; sheep-counting apparatus; 30889, 17th February.
 Wells, F. A. L., Ohana, New Zealand; tiller-holder; 30890, 17th February; (33, 4th April).
 Wells, F. A. L., Ohana, New Zealand; life-boat; 30891, 17th February; (27, 21st March).
 Welsford, L. W., and another, Hampton, Victoria; concrete-block mould; 30733, 13th March, 1911.†
 White, A., Waiareka Junction, New Zealand; egg tester and grader; 29386, 7th April, 1911; (3, 11th January).
 White, E. J., Auckland, New Zealand; wardrobe; 30672, 22nd December, 1911; (23, 7th March).
 Whiteside, A. J., Raupo, New Zealand; flax-handling; 30821, 3rd February.
 Whittell, H. R. M., Beecroft, New South Wales (see C. Christie, No. 29041).
 Wigmore, F. W., Hawthorn, Victoria; candlestick; 30713, 10th January; (18, 22nd February).
 Wilbuschewitsch, M., Nischninogorod, Russia; converting fats, &c.; 30431, 17th December, 1910†; (23, 7th March).
 Wilbuschewitsch, M., Nischninogorod, Russia; converting hydrogenized fats to edible fats; 30432, 30th January, 1911†; (23, 7th March).
 Wildey, A., Limited, Christchurch, New Zealand; counter-check book and holder; 30919, 20th February.
 Wilkinson, C. W., Morven, New South Wales; collar and hames; 30776, 24th January; (18, 22nd February).
 Wills, D. G., Marrickville, New South Wales; envelope; 29233, 8th March, 1911; (27, 21st March).
 Wilson, H. M., Auckland, New Zealand; kerb and channel mould; 30993, 5th March.
 Wilson, H. M., Auckland, New Zealand; concrete-sewer forming; 31011, 7th March; (36, 18th April).
 Wilson, H. M., Auckland, New Zealand; concrete-pipe mould; 31025, 11th March.
 Wilson, J. F., Dunedin, New Zealand; multiple-speed friction-driven mechanism; 30284, 29th September, 1911; (10, 8th February).

APPLICANTS FOR LETTERS PATENT—*continued.*

- Wilson, J. W., and another, Orepuki, New Zealand; game-scoring device; 30927, 21st February; (33, 4th April).*
- Wilson, J. W., and others, Leeds, England; heating liquids; 29123, 22nd February, 1910†; (18, 22nd February).
- Wilson, W. G., Dargaville, New Zealand; toheroas-opening; 31042, 15th March.
- Winkley, E. E., Lynn, United States America (see United Shoe Machinery, Company, No. 29200).
- Winter, H. W., Methuen, United States America (see United Shoe Machinery Company, No. 29157).
- Wolf, P. C., Rarotonga, Cook Islands; flower-pot; 30399, 24th October, 1911; (18, 22nd February).
- Wolsley Sheep Shearing Machine Company, Limited, Birmingham, England; sheep-shearing machine; J. Burke and J. T. Walton; 30110, 7th October, 1910†; (3, 11th January).
- Woodward, N. P., and another, London, England; fountain; 30764, 23rd January; (23, 7th March).
- Wright, A. H., Auckland, New Zealand; postal stamping-machine; 30547, 24th November, 1910†; (18, 22nd February).
- Wright, E. L., Brisbane, Queensland; roofing-tile; 29799, 30th June, 1911; (10, 8th February).
- Wright, M. S., Worcester, United States America (see A. P. Merrill, No. 30497).
- Wyles, A., jun., Badsey, England; motor cultivator, &c.; 30944, 10th March, 1911†; (33, 4th April).
- Wylie, R., St. Albans, New Zealand; hatpin; 30723, 10th January; (18, 22nd February).*
- Wynyard, M. H., and another, Auckland, New Zealand; flax-dresser; 29117, 11th February, 1911; (10, 8th February).
- Wynyard, M. H., and another, Auckland, New Zealand; flax-dresser; 31074, 21st March.
- Yager, J. G., Christchurch, New Zealand; leather-water-proofing composition; 30917, 20th February; (33, 4th April).
- Yardley, T., and another, Palmerston North, New Zealand; milking-machinery; 30960, 28th February.
- Yeatman, G., Christchurch, New Zealand; river clearing of weeds; 30816, 1st February.
- Yelverton, F. G., Featherston, New Zealand; election method and voting-paper; 30954, 28th February.
- Yeoman, H. W., Petone, New Zealand; step-ladder; 29349, 30th March, 1911; (18, 22nd February).
- Zoeller, C., Brisbane, Queensland; emasculating sheep, &c.; 30910, 21st February; (33, 4th April).*

Alphabetical List of Inventions for Quarter ended 31st March, 1912.

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.

- Abrasive material (see Sandpaper, &c.).
- Account-book, ledger, &c.; G. S. Thomson; 30161, 4th September, 1911; (3, 11th January).
- Acetylene-generator; F. A. Johnson; 30986, 2nd March; (36, 18th April).*
- Acetylene-generator; S. H. Ramsbotham; 30975, 2nd March; (36, 18th April).*
- Acetylene-generator; S. G. Smith; 30099, 26th August, 1911; (18, 22nd February).
- Acetylene-generator and gasometer; C. F. Anderson; 29339, 29th March, 1911; (27, 21st March).
- Acids (see Fatty acids).
- Adjustment-controller (see Machine-parts; Adjustment-controller).
- Advertisement-displaying; F. C. Thompson; 30728, 13th January; (10, 8th February).*
- Advertisement-displaying; F. C. Thompson; 30967, 28th February.
- Aerator, &c. (see Milk-aerator, &c.).
- Aerial toy; C. Bristow; 30934, 23rd February; (36, 18th April).*
- Aeroplane (see also Flying-machine).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

- Aeroplane; G. B. H. Austin; 30924, 27th February, 1911.†
- Agglomerating finely divided materials (see Ironsands, &c., treatment).
- Agricultural implement (see Plough, &c.).
- Air-compression (see Gas, &c., compression, for lamps).
- Air-delivering to defrosting chamber (see Refrigerator, &c., air-delivering to).
- Air-gas production (see Hydrocarbon-gas production).
- Alarm (see Fire-alarm; Mine-alarm; Ship-alarm apparatus).
- Amalgamator (see Ore-amalgamator, &c.).
- Ammonium-sulphate; T. H. Easterfield; 30699, 8th January; (6, 25th January).*
- Ammonium-sulphate; T. H. Easterfield; 30746, 19th January; (8, 10th February).*
- Animal-feed bag; W. Barraclough and A. T. W. Allen; 30840, 6th February; (27, 21st March).*
- Animal's throat-obstruction remover; J. Pearson; 30845, 6th February; (23, 7th March).*
- Announcer (see Electrical announcer).
- Annunciator (see Electrical annunciator).
- Axle-box; J. B. Beadman and H. J. Macklin; 30703, 9th January; (10, 8th February).*
- Ball (see Golf-ball).
- Ballot-paper (see Voting-paper).
- Bag (see Animal-feed bag; Cement, &c., bag; Damp-proof bag; Paper bag).
- Bag-fastener (see Bale, &c., fastening-hook; Mail-bag fastener).
- Baker's oven; W. Leitch; 30710, 10th January; (18, 22nd February).
- Bale, &c., fastening-hook; J. Fyfe; 31059, 9th August, 1911.†
- Bale, &c., fastening-hook; The Hughes Patents Proprietary, Limited; 30959, 28th February; (33, 4th April).
- Barrier, sliding (see Gate, &c., sliding).
- Bath (see also Shower-bath, hot).
- Bath, &c.; F. A. W. Ansell; 30852, 9th February; (27, 21st March).
- Bath, &c., attachment; J. Burgess; 30491, 3rd January, 1911†; (18, 22nd February).
- Basin (see Wash-hand basin).
- Bed-posts attaching to side rails; D. Gillespie, jun.; 30988, 4th March.
- Bedding; D. McRae; 28959, 6th January, 1911; (3, 11th January).
- Barge (see Hopper-barge).
- Bars, intersecting, &c.; H. Schlaadt, jun.; 31045, 13th March.
- Bearing (see Roller-bearing).
- Bedstead-rail attaching; D. Gillespie, jun.; 30988, 4th March; (36, 18th April).*
- Beer, &c., cooler; G. Gibbs; 30492, 11th November, 1911; (27, 21st March).
- Belt-fastener; F. Kerby; 30207, 13th September, 1910†; (3, 11th January).
- Belt, machinery-driving; F. Goodhead; 30962, 28th February; (36, 18th April).*
- Belt, machinery-driving; J. B. Salmon and E. W. Roy; 30734, 13th January; (18, 22nd February).*
- Belt, machinery-driving; The Azulay Syndicate, Limited; 30901, 19th February; (33, 4th April).
- Bench-cramp, &c.; W. Fairhead; 31083, 26th March.
- Beverage-extracts; Postum Cereal Company; 31040, 14th March.
- Bicycle, &c., driving-gear; A. Campbell; 30888; 15th February; (36, 18th April).*
- Billiard, &c., table; I. Ranginui; 30892, 17th February; (27, 21st March).
- Binder-twine balling (see Twine-balling machine).
- Bit (see Well-boring bit).
- Blight-destroying composition; G. Southee, H. Standish, and M. Moran; 30744, 18th January; (18, 22nd February).
- Blight-specific; W. and A. Southee; 30698, 8th January; (6, 25th January).*
- Blind (see Fireproof blind, &c.; Window-blind).
- Block (see Building-block).
- Bloomer (see Horses'-leg protector).
- Boat (see also Life-boat).
- Boat; C. L. Mienzel; 30837, 6th March, 1911.†
- Boat-disengaging gear; J. W. Walker; 29895, 20th July, 1911; (6, 25th January).
- Boat-propelling apparatus; T. Bassford; 31028, 13th March.
- Boiler (see also Range-boiler; Wash-boiler).
- Boiler; Jackson Boilers, Limited; 30682, 3rd January.
- Boiler-furnace; D. Jones; 30826, 6th February; (18, 22nd February).*
- Bolts (see Screw-bolts, &c.).
- Book (see Counter-sales book, &c.).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Boot; D. McAuslin; 30753, 18th January; (23, 7th March).
 Boot-assembling machine; United Shoe Machinery Company; 29203, 2nd March, 1911; (3, 11th January).
 Boot-attachment; D. Barnes; 30878, 15th February; (33, 4th April).*
 Boot-clicking table; United Shoe Machinery Company; 29603, 25th May, 1911; (23, 7th March).
 Boots, &c., brushing and polishing; E. M. Swanson; 30695, 11th February, 1911; (18, 22nd February).
 Boots, &c., fastening; Malone's Fastener, Limited; 30870, 14 February; (27, 21st March).
 Boot-finishing shaft; United Shoe Machinery Company; 29157, 22nd February, 1911; (3, 11th January).
 Boot lasting and tacking machine; United Shoe Machinery Company; 29604, 25th May, 1911; (23, 7th March).
 Boot-lasting, &c., machine; United Shoe Machinery Company; 30958, 23 February; (36, 18th April).*
 Boot-machine; United Shoe Machinery Company; 29199, 2nd March, 1911; (10, 8th February).
 Boot-machine; United Shoe Machinery Company; 29388, 11th April 1911; (18, 22nd February).
 Boot-machine; United Shoe Machinery Company; 29449, 27th April, 1911; (18, 22nd February).
 Boot-machine, surplus-material removing; United Shoe Machinery Company; 29415, 20th April, 1911; (18, 22nd February).
 Boot-patterns producing; United Shoe Machinery Company; 29201, 2nd March, 1911; (6, 25th January).
 Boot-pulling-over machine; United Shoe Machinery Company; 29202, 2nd March, 1911; (6, 25th January).
 Boot-inseam-sewing machine; United Shoe Machinery Company; 29200, 2nd March, 1911; (6, 25th January).
 Boot-insole-forming machine; United Shoe Machinery Company; 29344, 29th March, 1911; (10, 8th February).
 Boot-sewing machine; United Shoe Machinery Company; 29344, 29th March, 1911; (10, 8th February).
 Boot-sewing machine; United Shoe Machinery Company; 30686, 3rd January; (6, 25th January).*
 Boot-sole; W. J. Harker and F. A. Rich; 30722, 10th January.
 Boot-welt-operating machine; United Shoe Machinery Company; 29076, 1st February, 1911; (3, 11th January).
 Boot-welt-operating machine; United Shoe Machinery Company; 29305, 22nd March, 1911; (6, 25th January).
 Bottle (see Non-refillable bottle).
 Bottle osure; A. J. L. Lassen; 30731, 16th January; (18, 22nd February).
 Bottle, corkless; R. Thomson; 30913, 21st February; (33, 4th April).
 Bottle-stopper; R. A. Canfield; 30702, 9th January; (18, 22nd February).
 Bottle-stopper; F. Russell; 28838, 7th December, 1910; (27, 21st March).
 Bottle-stopper-applying machine; R. A. Canfield; 30898, 19th February.
 Bowls-carrier; F. North; 30783, 25th January; (10, 8th February).*
 Box (see Butter, &c., box).
 Box-parts, connecting; R. S. Taylor; 31000, 8th March.
 Braces; C. P. W. Longdill; 31100, 29th March.
 Braces, M. Nicholson; 30828, 3rd February.
 Bracket (see Electric-light bracket; Goods-displaying bracket; Lamp-bracket; Mirror-bracket; Scaffolding-hanger; Spouting-bracket).
 Brake, centre-rail; R. T. Watson; 30781, 22nd January; (23, 7th March).*
 Brake-coupling (see Railway-brake hose-coupling).
 Brake, vehicle; J. Blanford; 31116, 30th March.
 Brake, vehicle shoe; H. H. McBrearty; 30912, 21st February; (33, 4th April).*
 Bread, &c., manufacture; C. W. Chitty and W. Jago; 30765, 3rd February, 1911; (27, 21st March).
 Breakwater, &c., building; J. E. Davis; 31068, 22nd March.
 Breeching-strap keeper; H. Savage; 30685, 3rd January; (6, 25th January).*
 Bricklayer's derrick; W. Pratley; 30849, 8th February; (27, 21st March).*
 Bridge (see Street side-channel bridge).
 Bridle, horse; T. Dickson; 30875, 13th February; 33, 4th April)*
 Brush-cutting knife; F. W. Trounce; 30896, 19th February.
 Brush (see Hand-shield for brush).
 Brush-holder (see Bucket, brush-holder; Bucket, &c., attachment).
 Brushes, washable; M. Reinstein; 30877, 13th February; (27, 21st March).
 Brushing boots, harness, &c (see Boots, &c., brushing, &c.).
 Bucket (see also Milking-machine bucket).
 Bucket-attachment; T. Ballinger; 30989, 6th March.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Bucket, brush-holder; M. Taylor; 30819, 5th February.
 Bucket, &c., attachment; J. Burgess; 30491, 3rd January, 1911; (18, 22nd February).
 Building (see Concrete building).
 Building-block; P. W. Lamb; 30755, 20th January; (23, 7th March).
 Building-block; J. B. Warner; 30976, 1st March; (36, 18th April).*
 Butter, &c., box; W. Burrell; 30866, 14th February; (23, 7th March).*
 Butter, &c., box; J. R. Cruickshank; 29385, 10th April, 1911; (18, 22nd February).
 Butter, &c., wrapping machine; International Wrapping-machine Company; 30791, 24th January; (23, 7th March).
 Butter-packing machine; 30946, 3rd November, 1911; (36, 18th April).
 Calculating-machine; C. M. M. O'Connor; 30563, 27th November, 1911; (23, 7th March).
 Calendar; H. J. Gattsche and M. Eberhard; 31009, 7th March.
 Can-closure; G. F. Birks; 28800, 28th November, 1910; (3, 11th January).
 Candlestick; F. W. Wigmore; 30713, 10th January; (18, 22nd February).
 Capsule (see Bottle-closure).
 Carbonic-acid, &c., extraction; H. Braun; 30914, 12th October, 1911.†
 Carburettor (see Internal-combustion-engine carburettor).
 Card-stand (see Menu, &c., card stand).
 Card-systems (see Debt-collecting record-cards).
 Casein-drier; F. W. Vickermann; 30903, 19th February; (23, 4th April);* (36, 18th April).
 Casein-extraction; F. W. Vickermann; 30902, 19th February.
 Casement-hinge; T. R. Randle; 30750, 18th January; (10, 8th February).*
 Cash-register; The Imperial Cash Register Company, Limited; 28889, 17th December, 1910; (3, 11th January).
 Castings (see Concrete, &c., castings).
 Cement, &c., bag; W. McHarrie; 30745, 17th January; (10, 8th February).*
 Centre-brake (see Brake, centre-rail).
 Chaff-bagger, &c.; R. T. Park, jun.; 30998, 16th March, 1911.†
 Chaff-cutter; W. Andrews; 31106, 29th March.
 Chaff-cutter-blade sharpener; W. Andrews; 31107, 29th March.
 Chair (see also Easy-chair).
 Chair, &c., stay and rack; W. J. Jenkin and W. J. Ellison; 30995, 6th March; (36, 18th April).*
 Charcoal-manufacture; S. I. Crookes; 30786, 24th January; (18, 22nd February).*
 Cheese-cutter; H. W. Stretch; 29187, 27th February, 1911; (23, 7th March).
 Chimney (see Concrete, &c., chimney).
 Cigarette-mouthpiece; H. W. Wainwright; 30730, 20th January, 1911; (18, 22nd February).
 Cinematograph; J. A. Cameron; 31079, 26th March.
 Cinematograph-film printing; S. Kucharski; 30990, 6th March; (36, 18th April).
 Cinematograph pictures, taking, &c.; G. Bettini; 30464, 9th November, 1910; (27, 21st March).
 Clasp-fitting, agricultural-implement, &c.; G. W. Penney; 29488, 1st May, 1911; (27, 21st March).
 Classifier (see Ore-classifier, &c.).
 Claw (see Milking-machine claw).
 Cleaning-apparatus (see Knife, fork, &c., cleaner; Material-cleaning device; River-cleaner; Ship's hull-cleaner).
 Clicking-block (see Boot-clicking table).
 Closet-flush (see Water-closet flusher).
 Closet-seat cover; L. E. Cassrels and W. J. Rutherford; 28786, 26th November, 1910; (3, 11th January).
 Closet-seat cover; M. Mouat; 31086, 27th March.
 Closet-seat cover; A. G. Munro; 31089, 27th March.
 Clothes-hanger; I. Ranginui; 31104, 29th March.
 Clothes-line; V. Bergman; 31021, 11th March.
 Clothes-peg; W. Fairhead; 31094, 28th March.
 Clothes, &c., peg; A. L. J. Tait; 30908, 16th February.
 Cock (see Milk-cock; Tap).
 Collar; S. Black; 31111, 27th March.
 Collar and hames; C. W. Wilkinson; 30776, 24th January; (18, 22nd February).*
 Columns and floor connections; R. Thomson; 30800, 30th January; (23, 7th March).
 Compressing air or gas (see Gas, &c., compression for lamps).
 Concentrator (see Ore-concentrator, &c.).
 Concrete-block mould; W. K. Renwick, W. E. Johns, and C. E. Devery; 30756, 20th January; (10, 8th February).*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Concrete-block mould; L. W. Welsford and W. A. Barton; 30733, 13th March, 1911.†
 Concrete building; J. Annand; 29425, 21st April, 1911; (6, 25th January).
 Concrete-building apparatus; J. Annand; 30926, 19th February; (33, 4th April).*
 Concrete-building construction; P. Ellis; 30714, 11th January; (6, 25th January).*
 Concrete, &c., castings; E. G. Stone and E. J. Siddeley; 31051, 20th March.
 Concrete, &c., fireplace and chimney; J. Byrne; 29072, 1st February, 1911; (3, 11th January).
 Concrete, &c., steps building; T. L. Langevad; 30994, 5th March; (36, 18th April).
 Concrete fencing-post; W. D. Jakeman and A. H. Geary; 30141, 2nd September, 1911; (3, 11th January).*
 Concrete-pipe mould; H. M. Wilson; 31025, 11th March.
 Concrete-sewer former; H. M. Wilson; 31011, 7th March; (36, 18th April).*
 Concrete-wall building; H. W. Shaw; 30933, 24th February.
 Concrete-wall, &c., mould; Read and Morrill, Inc.; 30829, 5th February.
 Concrete-work boxing; W. H. Renwick, W. E. Johns, and C. E. Devery; 30772, 23rd January; (10, 8th February).*
 Confectionery, coated, manufacture; M. Robertson; 30074, 23rd August, 1911; (27, 21st March).
 Cooker (see Steam-cooker).
 Cooking canned products; W. H. Blackham; 30872, 14th February; (27, 21st March).
 Cooler (see Beer, &c., cooler; Milk aerator and cooler; Safe, cooling, &c.).
 Cooling apparatus, liquid; D. B. Morison; 28811, 1st December, 1910; (18, 22nd February).
 Cooling-screen; C. E. Player; 29155, 18th February, 1911; (18, 22nd February).
 Cordial-manufacture (see Mineral-water, &c., manufacture).
 Corsets, &c., fastening; Malone's Fastener, Limited; 30870, 14th February; (27, 21st March).
 Cotton-wool production from flax; D. McGill; 31062, 21st March.
 Counter check-book; A. Wildey, Limited; 30919, 20th February.
 Counter sales-book; C. B. Smith; 30769, 20th January.
 Counting-apparatus (see Sheep-counting apparatus).
 Coupling (see Railway-brake hose-coupling).
 Cradle; R. Ryan; 31090, 26th March.
 Cramp (see Bench-cramp, &c.).
 Crosscut-saw; R. F. Roth; 30797, 27th January.
 Cultivator (see also Motor-plough, &c.).
 Cultivator; F. A. Standen; 30972, 2nd March.
 Curtain-fastening; H. F. Sherwood-King; 31067, 19th March.
 Cyanide solutions, precipitating precious metals from; J. M. Neil; 30812, 1st February; (33, 4th April).
 Cyanide-treatment of ores; H. M. Leslie; 30804, 31st January; (23, 7th March).
 Cyanide-treatment of ores; H. M. Leslie; 30805, 31st January; (23, 7th March).
 Damp-proof bag (see Cement, &c., bag).
 Debt-collecting record-cards; A. Ferguson; 30860, 14th February; (27, 21st March).*
 Debt-collecting record-cards; A. Ferguson; 30991, 6th March.
 Deformities, &c., curing (see Head-cap, surgical, &c.).
 Derrick (see Bricklayers' derrick).
 Destination-indicator (see Tram-car destination-indicator).
 Dial (see Timepiece-dial).
 Dish (see Meat-dish, &c.).
 Disinfectant-distributor; A. S. Fleming; 31023, 12th March.
 Displaying goods (see Goods-displaying bracket).
 Distillation-products for illuminating; Blaugas' Patent-Gesellschaft, m.b.H.; 30691, 4th January; (18, 22nd February).
 Door stop and holder; D. J. Hawkes; 29372, 5th April, 1911; (18, 22nd February).
 Draft-regulator, &c.; G. Davidson; 30758, 19th January; (10, 8th February).*
 Draught-preventer; T. Hurd; 30987, 2nd March; (36, 18th April).*
 Dress-shield; M. U. Dennison; 30825, 3rd February; (18, 22nd February).*
 Dropper (see Fencing-dropper).
 Drying fruit and hops; W. E. Shoobridge; 30542, 21st November, 1911; (18, 22nd February).
 Dust, flue, &c., collecting; R. F. Pearce; 31115, 30th March.
 Duster; R. Bell; 30071, 28th October, 1910; (6, 25th January).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Easy-chair adjustment; G. E. Collins; 29212, 3rd March, 1911; (23, 7th March).
 Eatable-fats producing; M. Wilbuschewitsch; 30432, 30th January, 1911; (23, 7th March).
 Elector's enrolment-claim; F. Thompson; 31007, 7th March.
 Electric-circuit spark-gap; E. Phillips; 31119, 29th March.
 Electric-current transformer; Ozonair Limited and E. L. Joseph; 31054, 20th March.
 Electric-light bracket; E. A. Schwarz and W. C. Wedder- spoon; 30738, 17th January; (18, 22nd February).
 Electric-light sign; J. R. Templin; 30394, 21st October, 1911; (23, 7th March).
 Electric-oscillations receiver; Gesellschaft für drahtlose Tele- graphic, m.b.H.; 30981, 9th March, 1911.†
 Electric stove; Copeman Electric Stove Company; 30493, 10th November, 1911; (18, 22nd February).
 Electric-switch operator; C. R. Hyde and R. Hood; 30871, 14th February; (36, 18th April).*
 Electrical announcer; A. J. W. Munden and J. M. Muir; 30810, 29th January; (18, 22nd February).*
 Electrical annunciator; E. Moss; 29219, 3rd March, 1911; (18, 22nd February).
 Electrical heater; A. F. Berry; 30897, 19th February; (33, 4th April).
 Electrical heater; A. J. Hainsworth; 29327, 27th March, 1911; (18, 22nd February).
 Electroplating-powder; S. A. H. Reid and T. Begg; 30752, 18th January; (10, 8th February).*
 Egg-conservation; H. Jerne; 30858, 13th February; (27, 21st March).
 Egg tester, grader, and carrier; A. White; 29386, 7th April, 1911; (3, 11th January).
 Emasculator; C. Zoeller; 30910, 21st February; (33, 4th April).*
 Envelope; H. Headland; 31017, 9th March.
 Envelope, transparent front, &c.; D. G. Wills; 29233, 8th March, 1911; (27, 21st March).
 Evaporating-apparatus; W. Cable; 30818, 5th February; (27, 21st March).
 Explosive; B. J. Flürscheim; 30704, 24th February, 1910.†
 Explosive; B. J. Flürscheim; 30705, 28th April, 1910.†
 Explosive compound; G. W. Davies; 29516, 9th May, 1911; (27, 21st March).
 Facing-plates (see Wall-covering plates).
 Fastener (see Bag-fastener; Belt-fastener; Boot, &c., fasten- ing; Corsets, &c., fastening; Curtain-fastening; Gaiters, &c., fastening; Gate-fastener; Gloves, &c., fastening; Leggings, &c., fastening; Mail-bag fastener; Window, &c., fastener; Window sashcord-fastener).
 Fats, converting (see Melting-point of fats, &c., raising).
 Fats, hydrogenized, refining (see Eatable-fats producing).
 Fatty acids, converting (see Melting-point of fats, &c., raising).
 Feet-powder (see Hygienic powder).
 Fence (see Rabbit-trapping fence; Wire fencing).
 Fencing-dropper; H. Butters; 30657, 22nd December, 1911; (18, 22nd February).
 Fencing-dropper; T. Sinclair; 30985, 13th March, 1911.†
 Fencing-dropper, &c.; J. Maitland; 30717, 11th January; (18, 22nd February).*
 Fencing-post (see Concrete fencing-post).
 Fencing-standard, &c.; J. Maitland; 30717, 11th January; (18, 22nd February).*
 Fencing-tool; T. Coombe; 30718, 11th January; (6, 25th January).*
 Fencing-tool; T. Coombe; 30719, 11th January; (6, 25th January).*
 Ferro-concrete post; R. C. Macdiarmid; 30798, 30th Janu- ary.
 Fibre (see also Flax).
 Fire-alarm; M. Moloney; 29959, 3rd August, 1911; (3, 11th January).
 Fire-alarm, electric; L. Cavalier; 30843, 8th February.
 Firearm; C. H. A. F. L. Ross; 30963, 29th February; (33, 4th April).
 Firebox (see Rotary furnace, &c.).
 Fire-bridge (see Locomotive fire-bridge).
 Fire-door (see Range fire-door).
 Fire-escape; F. Scherrer; 30956, 28th February; (36, 18th April).
 Fireplace (see Concrete, &c., chimney and fireplace; Grate for gas fires, &c.).
 Fireproof blind, &c.; G. L. Gilberthorpe and H. C. Marshall; 31052, 20th March.
 Flax (see also Cotton-wool production from flax; Fibre).
 Flax-blade-tail clipper; H. Greig; 30909, 21st February; (33, 4th April).*
 Flax-tail cutter; T. Siddans and T. E. McMillan; 30980, 5th March.

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Flax-dresser; C. Suttie and M. H. Wynyard; 29117, 11th February, 1911; (10, 8th February).

Flax-dresser; C. Suttie and M. H. Wynyard; 31074, 21st March.

Flax-handling; A. J. Whiteside; 30821, 3rd February.

Flax-treatment; W. O. Beere and J. E. Rough; 30964, 29th February.

Flax-treatment; R. A. Rough; 30922, 21st February.

Flax, vegetable-matter utilizing; F. V. Raymond; 28540, 5th October, 1910; (3, 11th January).

Flax-washer; G. Crow; 29214, 3rd March, 1911; (6, 25th January).

Fleece-treatment; A. J. P. Hitchins; 30690, 3rd January.

Flies, destroying; W. T. Cooper; 30726, 13th January.

Floor, connecting to columns, &c. (see Columns and floor-connections).

Flour, &c., manufacture; C. W. Chitty and W. Jago; 30765, 3rd February, 1911; (27, 21st March).

Flower-pot; P. C. Wolf; 30399, 24th October, 1911; (18, 22nd February).

Flusher. (See Water-closet flusher).

Fly-extermimator; G. G. Holmes; 30694, 5th January; (18, 22nd February).*

Flying-apparatus (see Human-flight equipment).

Flying-machine; T. A. Dring; 30982, 6th March; (36, 18th April).

Flywheel-winch; A. Hamilton; 30850, 8th February; (27, 21st March).*

Fork, &c., cleaner; C. Mills; 30992, 6th March.

Fountain, decorative; N. P. Woodward and L. Burn; 30764, 23 January; (23, 7th March).

Frame (see Skeleton frame).

Franking-machine (see Stamping, &c., machine, postal).

Froth-preventer, skim-milk, &c.; J. Ross, jun.; 30874, 14th February; (27, 21st March).

Fruit, &c., treatment (see Drying, &c.; Grading fruit, &c.; Ozoning, &c.).

Fumes, collecting (see Gas-fumes, &c., collecting).

Funnel; E. A. Easte; 31006, 8th March.

Furnace (see also Boiler-furnace; Locomotive furnace-grate; Rotary furnace, &c.).

Furnace; L. Félizat; 30999, 7th March; (36, 18th April).

Furniture-adjustment (see Easy-chair adjustment).

Gaiters, &c., fastening; Malones's Fastener, Limited; 30870, 14th February; (27, 21st March).

Galvanic battery; J. E. Preston; 28903, 20th December, 1910; (3, 11th January).

Game and apparatus; M. A. Park; 30928, 21st February; (33, 4th April).*

Game-scorer; A. M. Dawson and J. W. Wilson; 30927, 21st February; (33, 4th April).

Garment-measure; M. Donnelly; 31072, 21st March.

Garment-pattern drafting; J. W. Boyce; 29070, 1st February, 1911; (3, 11th January); (3, 11th January).*

Gas-burner; J. B. Colbran; 30700, 9th January; (10, 8th February).*

Gas, &c., compression for lamps; Olso-Licht-Gesellschaft Halbmayr and Co.; 30407, 9th January, 1911; (23, 7th March).

Gas-fumes, &c., collecting; R. F. Pearce; 31115; 30th March.

Gas-meter regulator; R. T. Kessell; 30803, 30th January; (18, 22nd February).*

Gas-producer air-valve; J. L. and G. Scott; 29887, 18th July, 1911; (27, 21st March).

Gas-production (see Acetylene-generator; Distillation-products for illuminating; Hydrocarbon-gas production.)

Gas-regulator; E. J. Burns; 30743, 18th January; (18, 22nd February).

Gasometer (see Acetylene generator and gasometer).

Gas sign, flashing; W. C. Joel; 29235, 9th March, 1911; (10, 8th February).

Gate, &c., sliding; G. L. Gilberthorpe and H. C. Marshall; 30208, 13th September, 1911; (23, 7th March).

Gate-fastener; F. B. Clapcott; 31073, 21st March.

Gate-fastener; J. Ross; 30693, 5th January; (6, 25th January).*

Gate-fastener; W. H. Bird; 31075, 22nd March.

Gate-hanger; E. Hayes; 29055, 26th January, 1911; (3, 11th January).

Gate hinge and fastener; D. Donald; 30977, 4th March.

Gauge-glass; A. Faulkner; 30697, 6th January.

Gear (see Boat-disengaging gear; Sheep-shearing-machine driving-gear; Variable-speed gear).

Glass-bevelling machine; H. G. Bradley; 30687, 3rd January; (6, 25th January).*

Gloves, &c., fastening; Malone's Fastener, Limited; 30870, 14th February; (27, 21st March).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Gold-extraction from ore; R. and F. Davy, J. D. Mackenzie, and C. S. Bertram; 29296, 21st March, 1911; (27, 21st March).

Golf-ball; J. Brown; 31063, 21st March.

Goods-displaying bracket, &c.; J. L. Davies; 30624; 12th December, 1911; (18, 22nd February).

Gout, &c., cure (see Medicine, gout, &c., cure).

Grading fruit; C. Watson; 30886, 21st February, 1911; (33, 4th April).

Grading fruit, potatoes, &c.; H. Cooch; 30681, 3rd January; (18, 22nd February).

Grass-stripper; J. W. Maidens; 31016, 6th March.

Grate (see also Locomotive furnace-grate).

Grate for gas-fires, &c.; H. M. Keesing; 29127, 13th February, 1911; (6, 25th January).

Halter and tie-rope; F. Jackson; 30707, 9th January; (6, 25th January).*

Hames (see Collar and hames).

Hames-hook; G. C. Geddis; 30931, 23rd February; (33, 4th April).*

Handle-securing (see Broom-handle holder; Tool-handle securing).

Hand-shield for brush; R. M. Baddeley; 30851, 9th February; (27, 21st March).*

Hank-former, &c.; A. L. J. Tait; 31012, 7th March.

Harrow (see also Motor-plough, &c.).

Harrow; A. Burges; 30814, 1st February; (18, 22nd February).*

Hat, &c., pin; P. Perry and W. Bourdot; 30847, 9th February; (27, 21st March).*

Hatpin; A. Moore; 31061, 20th March.

Hatpin; D. Park; 30856, 12th February; (27, 21st March).*

Hatpin; H. Laman; 31053, 20th March.

Hatpin; W. McCarty; 30923, 20th February; (33, 4th April).*

Hatpin; W. Turnbull; 30846, 9th February; (27, 21st March).

Hatpin-guard; E. A. G. Hamlin; 30727, 12th January.

Hatpin-point protector; D. Baldwin; 30842, 8th February; (18, 22nd February).*

Hatpin-point protector; W. J. Fahey; 30925, 19th February.

Hatpin, safety; R. C. Gardiner; 30792, 27th January.

Hatpin, safety; R. Wylie; 30723, 10th January; (18, 22nd February).*

Hatpin, safety ornament; W. E. Hunter; 30775, 20th January; (18, 22nd February).*

Head-cap, surgical, &c.; M. E. Budge; 30782, 23rd January; (27, 21st March).

Heater (see also Electrical heater; Igniter, vapourized-hydrocarbon heater; Melting-pot heater; Soldering-iron heater).

Heating liquids; W. A. Bone, J. W. Wilson, and C. D. McCourt; 29123, 22nd February, 1910; (18, 22nd February).

Hinge (see Casement-hinge; Gate-hinge, &c.).

Hinging lids of tins; The British-Australasian Tobacco Company Proprietary, Limited; 30893, 29th June, 1911; (33, 4th April).

Hoe; C. J. Tuck; 30854, 12th February; (23, 7th March).*

Hook (see Hames-hook).

Hopper-barge; J. Solem; 31060, 21st March.

Hops, &c., treatment (see Drying, &c.; Ozoning, &c.).

Horse-bolting, preventing; G. Findlay; 30827, 6th February; (27, 21st March).

Horse's leg-protector; W. H. Denton; 29369, 3rd April, 1911; (10, 8th February).

Hose-coupling (see also Railway-brake hose-coupling).

Hose-coupling; G. W. Haycock; 31032, 13th March.

Hot-water system; D. de B. Hovell; 31008, 7th March.

Human-flight equipment; J. Warburton; 30815, 1st February; (18, 22nd February).*

Hydraulic ram; W. Nicholas; 29396, 11th April, 1911; (3, 11th January).

Hydrocarbon-gas production; C. S. McFarlane; 29173, 22nd February, 1911; (6, 25th January).

Hydrocarbon-gas production; W. C. Sharpe and W. C. Shrape, jun.; 29195, 1st March, 1911; (23, 7th March).

Hygienic powder; F. Sandford and J. J. Clark; 31010, 7th March.

Igniter, vapourized-hydrocarbon heater; Aktiebolaget Primus; 30832, 7th February; (27, 21st March).

Illuminated sign; E. J. Erskine; 30835, 7th February; (36, 18th April).

Indicator (see Street, &c., indicator; Tradesmen's indicating-device; Tram-car destination-indicator; Oil-flow, indicating direction of).

Internal-combustion-engine carburettor; C. J. Mégevet and L. Picker; 30823, 6th February; (27, 21st March).

ALPHABETICAL LIST OF INVENTIONS—*continued*

Internal-combustion-engine heavy-fuel feed; C. J. Mégevet and L. Picker; 30822, 6th February; (27, 21st March).
 Ironsands, &c., treatment; H. Keeble; 30689, 30th January, 1911†; (18, 22nd February).
 Ironwork, &c., protecting compound; J. Beadle; 28958, 4th January, 1911; (3, 11th January).
 Jack (see Lifting-jack: Vehicle-jack).
 Kerb and channel mould; H. M. Wilson; 30993, 5th March.
 Kerosene-tin cutter; A. H. Penfold; 30759, 19th January.
 Kerosene-tin cutter and draw-off pipe; A. H. Penfold, W. P. Wallace, and A. Macdonald; 30880, 12th February; (33, 4th April).
 Kerosene-tin, &c., tap; C. P. F. Fahey; 31069, 22nd March.
 Kerosene-tin nozzle and piercer; H. S. Searle; 30789, 26th January; (33, 4th April).
 Kettle; E. H. Noy and G. D. Fort; 30970, 2nd March.
 Kettle; A. G. Tomkies; 31018, 6th March.
 Kiln; F. Creighton; 30807, 31st January; (18, 22nd February).
 Kinematograph (see Cinematograph).
 Knife (see also Brush-cutting knife).
 Knife, &c., cleaner; C. Mills; 30992, 6th March; (36, 18th April).
 Labelling-machine; G. L. Bender and J. G. Rapp; 30760, 19th January; (23, 7th March).
 Labels, &c., printing and forming; R. Burn; 29027, 20th January, 1911; (6, 25th January).
 Ladder (see Step-ladder).
 Lamp (see Locomotive head-light).
 Lamp-bracket; R. Connell; 30771, 23rd January; (10, 8th February).
 Lamp-bracket; R. Connell; 30915, 19th February; (33, 4th April).
 Lard, &c., packing; C. J. Clayton; 30863, 13th February; (27, 21st March).
 Lasting-machine (see Boot lasting and tacking machine).
 Lattice, &c., work (see Trellis, &c., work).
 Lead-headed-nail machine; H. Hanson; 31035, 13th March.
 Leather-article manufacture; J. B. Salmon and E. W. Roy; 30881, 14th February; (23, 7th March).
 Leather, waterproofing; G. G. Johnston; 31057, 20th March.
 Leather-waterproofing composition; J. G. Yager; 30917, 20th February; (33, 4th April).
 Ledger (see Account-book, &c.).
 Leggings, &c., fastening; Malone's Fastener, Limited; 30870, 14th February; (27, 21st March).
 Letterette-form; J. Reilly; 31013, 7th March.
 Lids (see Hinging lids of tins).
 Life-belt; C. L. Menzel; 30838, 22nd March, 1911†.
 Life-boat; F. A. L. Wells; 30891, 17th February; (27, 21st March).
 Life-saving apparatus, surf; J. Herd; 30883, 14th February; (23, 7th March).
 Lift, safety apparatus (see Mine-cage safety-support).
 Lifting-jack; A. Y. Ross; 29069, 31st January, 1911; (10, 8th February).
 Lighting-system (see Train-lighting system).
 Liquid-discharge, &c., apparatus; W. H. Lawrence; 30947, 27th February; (36, 18th April).
 Liquids-raising, &c.; H. A. Humphrey and W. J. Rusdell; 31096, 2nd June, 1911†.
 Lithographic, &c., printing-machine feed-guide; E. J. Roberts; 30945, 27th February; (33, 4th April).
 Lithographic, &c., printing process; H. E. C. Robinson; 30955, 28th February; (36, 18th April).
 Lithographic-printing press; E. J. Roberts; 30793, 25th January; (18, 22nd February).
 Lock-nut; G. S. Norris; 30808, 31st January; (23, 7th March).
 Locomotive fire-bridge; H. R. Carey; 29207, 2nd March, 1911; (6, 25th January).
 Locomotive furnace-grate; J. A. Hill; 31038, 14th March.
 Locomotive head-light; T. H. Davey; 31084, 27th March.
 Loom; P. W. Soanes, L. Morris, T. W. Edmunds, A. J. Goodstein, and A. W. Jones; 30780, 24th January; (10, 8th February).
 Lubricating-apparatus; L. S. Watres; 31112, 30th March.
 Machine-parts, adjustment-controller; Huebner-Bleistein Patents Company; 30802, 30th January; (23, 7th March).
 Machine-recorder; E. Phillips; 29717, 13th June, 1911; (27, 21st March).
 Machinery speed controller and recorder; A. C. Robertson, A. C. Murray, and W. W. Smith; 28987, 12th January, 1911; (3, 11th January).
 Mail-bag fastener; E. W. Bachelor; 31110, 29th March.

ALPHABETICAL LIST OF INVENTIONS—*continued*

Manure-mixer; G. A. Clark; 29467, 1st May, 1911†; (18, 22nd February).
 Material-cleaning device; A. Henning; 30983, 9th March, 1911†.
 Mattress (see Bedding).
 Measurer (see Garment-measure: Weigher and measurer, household).
 Meat-dish, &c.; F. E. Newth; 31113, 30th March.
 Meat-rail tumbler-switch; J. R. Jones; 30026, 9th September, 1911; (27, 21st March).
 Medicine (see also Pills, &c.).
 Medicine, gout, &c., cure; S. Burrows; 29877, 26th September, 1911; (10, 8th February).
 Menu, &c., card stand; A. H. Light; 31093, 28th March.
 Melting-point of fats, &c., raising; M. Wilbuschewitsch; 30431, 17th December, 1910†; (23, 7th March).
 Melting-pot, &c., heater; D. Smith; 31088, 27th March.
 Metallic-salts deposition; H. J. Rees and The Metals Extraction Corporation, Limited; 30895, 22nd March, 1911†; (33, 4th April).
 Metals-extraction from solutions; E. E. Johnson; 30785, 25th January; (23, 7th March).
 Metallographic, &c., printing (see Lithographic printing).
 Meter (see Gas-meter regulator).
 Metals, atomizing (see Minerals, &c., atomizing).
 Milk-cock; C. C. Robertson and A. Manley; 30869, 14th February; (27, 21st March).
 Milk-cock; C. C. Robertson and A. Manley; 31015, 9th March; (36, 18th April).
 Milk, &c., aerator and cooler; H. W. James; 31082, 26th March.
 Milking-machine; D. Alfven; 30867, 14th February; (27, 21st March).
 Milking-machine; W. B. Cameron and T. Yardley; 30960, 28th February.
 Milking-machine; Eureka Milking Machine Company, Limited; 30997, 7th March.
 Milking-machine; A. C. Pocock; 29903, 20th July, 1911; (10, 8th February).
 Milking-machine; A. Sabroe; 30716, 11th January; (18, 22nd February).
 Milking-machine bucket; J. W. Donald; 30861, 14th February.
 Milking-machine bucket; R. H. Bartlett; 29509, 6th May, 1911; (23, 7th March).
 Milking-machine claw; A. B. Robertson; 31118, 30th March.
 Milking-machine claw; C. J. Tuck; 30855, 12th February; (27, 21st March).
 Milking-machine, milk-delivering to cans; R. Kennedy; 31047, 19th March.
 Milking-machine milk-releaser; M. J. Corcoran; 30938, 26th February.
 Milking-machine milk-releaser; C. H. Davis; 30675, 28th December, 1911; (23, 7th March).
 Milking-machine milk-releaser; W. G. Fountain and W. J. Paterson; 29539, 12th May, 1911; (27, 21st March).
 Milking-machine milk-releaser; W. J. Paterson; 30796, 27th January; (18, 22nd February).
 Milking-machine milk-releaser; W. J. Paterson; 30853, 9th February; (27, 21st March).
 Milking-machine milk-releaser; A. C. Pocock; 29598, 22nd May, 1911; (18, 22nd February).
 Milking-machine milk-releaser; G. Reid; 31056, 20th March.
 Milking-machine pulsator; N. J. Daysh; 30868, 14th February; (27, 21st March).
 Milking-machine pulsator; B. G. A. Harkness; 31064, 21st March.
 Milking-machine tank; C. E. Hardley; 31076, 23rd March.
 Milking-machine teat-cup; R. H. Bartlett; 29267, 15th March, 1911; (18, 22nd February).
 Milking-machine teat-cup; P. H. Best; 29530, 5th May, 1911; (27, 21st March).
 Milking-machine teat-cup; N. J. Daysh; 31024, 12th March.
 Milking-machine teat-cup; H. Droutlege; 30939, 24th February.
 Milking-machine teat-cup; F. A. Lane; 30979, 6th March, 1911†.
 Milking-machine teat-cup; A. W. Reid; 28712, 10th November, 1910; (10, 8th February).
 Milking-machine teat-cup; A. W. Reid; 29428, 25th April, 1911; (23, 7th March).
 Milking-machine teat-cup; R. W. D. Robertson; 29422, 21st April, 1911; (23, 7th March).
 Milking-machine teat-cup; T. Shearer; 30795, 29th January; (18, 22nd February).
 Milking-machine teat-cup support; R. S. Goldstraw; 30824, 6th February; (27, 21st March).
 Mine-alarm instrument; H. W. Lee and G. H. Weedman; 28942, 4th January, 1911; (3, 11th January).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Mine-cage safety-support; J. R. Park; 30790, 24th January; (23, 7th March).
 Mine-ventilation; W. E. Cayley-Alexander; 31133, 29th March.
 Mineral-water, &c., manufacture; H. H. Hewitt; 29304, 22nd March, 1911; (10, 8th February).
 Minerals, metals, &c., atomizing; The Chemical Process Company; 30940, 27th February; (33, 4th April).
 Mirror-adjustment; H. E. Cooper and G. O. Duigan; 31020, 11th March.
 Mirror-bracket support; E. A. Schwarz and W. C. Wedder-
 spoon; 30738, 17th January; (18, 22nd February).
 Motor-car, &c., shock-absorber (see Vehicle shock-absorber).
 Motor-car, &c., wind-screen; H. C. Grierson; 30904, 19th
 February; (33, 4th April).
 Motor (see Water-motor; Wave-motor; Wind-motor).
 Motor-cycle shock-absorber (see Side-car shock-absorber).
 Motor-plough; L. S. Hackney; 30739, 17th January; (18,
 22nd February).
 Motor-plough, &c.; A. Wyles, jun.; 30944, 10th March,
 1911†; (33, 4th April).
 Mould (see also Concrete-block mould; Concrete-pipe mould;
 Concrete-wall, &c., mould; Concrete-work boxing; Kerb
 and channel mould; Sand-soap, &c., moulding).
 Moulding-apparatus; A. A. Pauly; 30692, 4th January;
 (18, 22nd February).
 Moulding-machine; F. Hatton; 31130; 29th March.
 Music-stand; H. Latta; 31002, 5th March.

Nail (see also Lead-headed nail).
 Nail; H. Hanson; 31034, 13th March.
 Nail, &c., extractor; J. F. Warren; 31014, 7th March.
 Netting (see Wire-netting).
 Neuralgia, &c., cure (see Medicine, gout, &c., cure).
 Nitrogen, &c., extraction; H. Braun; 30914, 12th October,
 1911.†
 Non-refillable bottle; F. J. Kelly; 31117, 30th March.
 Non-refillable bottle; E. A. Parker; 30957, 28th February;
 (36, 18th April).
 Nose-bag (see Animal-feed bag).
 Nozzle (see Kerosene-tin nozzle, &c.).
 Nut-lock (see Lock-nut).
 Nuts (See Screw-bolts, &c.).

Oil-flow, indicating direction of; C. Grace; 31022, 11th
 March.
 Ore-amalgamator; W. Carson; 31026, 13th March.
 Ore classifier, concentrator, and amalgamator; C. Christie;
 29041, 14th September, 1910†; (10, 8th February).
 Ore-treatment (see Cyanide treatment of ores; Gold-extrac-
 tion from ore).
 Ornament (see Hatpin safety ornament).
 Oven (see Baker's oven).
 Ozonizing fruit and hops; W. E. Shoobridge; 30542, 21st
 November, 1911; (18, 22nd February).

Packing (see Butter-packing machine; Lard, &c., packing).
 Packing-ring; D. M. Gillies; 30086, 25th August, 1911;
 (18, 22nd February).
 Paint, &c., compound (see Ironwork, &c., protecting com-
 pound).
 Palm-protector; D. Manson; 30930, 23rd February; (33,
 4th April).
 Paper bag; D. Park; 31108, 29th March.
 Paper-pulp manufacture; H. Jackson; 30729, 16th Janu-
 ary; (18, 22nd February).
 Pasteurization of skim-milk; E. D. Berry; 29176, 24th
 February, 1911; (18, 22nd February).
 Pasteurizer; J. Cochrane; 31101, 27th March.
 Pasteurizer; E. Fergusson; 30839, 7th February; (18, 22nd
 February).
 Pattern-drafting, &c. (see Boot-pattern producing; Garment-
 pattern drafting).
 Phenolic condensation; H. H. Rayward; 30735, 16th
 January; (36, 18th April).
 Phormium tenax (see Fibre and Flax).
 Picture, moving, machine (see Cinematograph).
 Pictures, animated, reproduction; W. Friese-Greene and
 Friese-Greene Patents, Limited; 31049, 19th March.
 Piers (see Wharves, &c.).
 Piles, &c.; R. Thomson; 30799, 30th January; (23, 7th
 March).
 Pills, &c., administering to animals; C. R. Macdonald; 31070,
 21st March.
 Pills, &c., administering to animals; C. R. Macdonald; 31071,
 21st March.
 Pipe-mould (see Concrete-pipe mould).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Pipe-socket, &c., trimming; G. J. Hoskins; 31048, 19th
 March.
 Pipe-wrench, adjustable; C. Cooper; 30562, 27th November,
 1911; (18, 22nd February).
 Planing-machine cutter; E. Hodge; 30811, 31st January;
 (18, 22nd February).
 Plough (see also Motor-plough).
 Plough-attachment; G. L. Goodin; 30678, 29th December,
 1911; (27, 21st March).
 Plough, &c., lever and rack; G. W. Hutchinson; 31046,
 16th March; (36, 18th April).
 Pneumatic tire (see Tire, pneumatic).
 Pocket; F. Bates; 30968, 1st March; (36, 18th April).
 Points-operating (see Meat-rail tumbler-switch; Tramway-
 points operating; Trolley-pole point-shifter).
 Poison (see Rabbit-poison).
 Polishing boots, harness, &c. (see Boots, &c., brushing, &c.).
 Post (see Fencing-post; Ferro-concrete post).
 Postage-stamp affixer; N. S. McNab; 31058, 20th March.
 Potassium-bitartrate recovering, &c.; H. Cantoni, J. Chau-
 tems, and E. Degrange; 30899, 25th February, 1911†; (33,
 4th April).
 Potatoes, &c., separating and sorting (see Grading fruit, &c.).
 Preserves, &c., manufacture; P. J. R. Peacocke; 31095,
 26th March.
 Press (see Lithographic-printing press; Wool-press).
 Primus-stove igniter (see Igniter, vapourized-hydrocarbon
 heater).
 Printing (see Cinematograph-film printing; Lithographic
 printing).
 Propeller (see also Boat-propelling apparatus).
 Propeller; E. S. Gittos; 30905, 20th February; (33, 4th
 April).
 Pulsator (see Milking-machine pulsator).
 Pump (see Vacuum pump).
 Pump-valve; T. Howland; 30911, 21st February; (33,
 4th April).
 Puncture-protector (see Tire, puncture-protector).
 Puncture-sealing material; C. D. Kennedy; 30711, 10th
 January; (18, 22nd February).
 Puttee, &c., manufacture; F. J. Bowchier; 31037, 14th
 March.

Rabbit-poison distributor; W. M. Crocker; 30920, 21st
 February.
 Rabbit-trap; H. H. Edwards; 30736, 16th January; (18,
 22nd February).
 Rabbit-trap; W. Wallace; 29104, 7th February, 1911; (18,
 22nd February).
 Rabbit-trapping fence; C. Gaffney; 30884, 16th February;
 (23, 7th March).
 Racquet; A. A. Tunmer; 30949, 19th May, 1911.†
 Radiator, &c.; V. C. J. Nightingall; 31078, 26th March.
 Raft-chock, &c.; J. Pearce; 30712, 10th January; (6,
 25th January).
 Rails, attaching to sleepers; R. D. Wagner; 30942, 28th
 February, 1911†; (33, 4th April).
 Railway-brake hose-coupling; F. J. Schürmann; 30833,
 7th February.
 Railway-carriage sleeping-accommodation; I. Ranginui;
 31102, 29th March.
 Railway-signal; C. W. Aston; 30709, 10th January; (18,
 22nd February).
 Railway, &c., signal; J. Kaveney; 30918, 20th February.
 Railway-tie (see Sleeper, &c.).
 Railway-train electric-signal circuit; J. C. Field; 31114,
 30th March, 1911.†
 Ram (see Hydraulic ram).
 Range; J. Pierce; 30741, 16th January; (10, 8th February).
 Range-boiler; T. McCormack; 30634, 13th December, 1911;
 (23, 7th March).
 Range fire-door; T. McCormack; 30633, 13th December,
 1911; (18, 22nd February).
 Refrigerator, &c., air-delivering to; J. Macmeikan; 31091,
 1st September, 1911.†
 Refrigerator; T. P. Jordeson and Co.; 30984, 9th March,
 1911.†
 Regulator (see Gas-meter regulator; Gas-regulator).
 Releaser (see Milking-machine milk-releaser).
 Rheumatism, &c., cure (see Medicine, gout, &c., cure).
 River-cleaner; G. Yeatman; 30816, 1st February.
 Road-making tool; W. J. Beard; 30974, 5th March; (36,
 18th April).
 Roller-bearing; E. J. Taylor; 31092, 28th March.
 Roller-skate; F. Finlay; 31055, 20th March.
 Roofing-tile; E. L. Wright; 29799, 30th June, 1911; (10,
 8th February).
 Rotary furnace, &c.; A. Smallwood; 30801, 30th January;
 (23, 7th March).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Safe, cooling, &c.; T. H. Cunningham; 30879, 14th February; (33, 4th April).
 Salts (see Metallic-salts deposition).
 Sand-soap, &c., moulding; J. Paterson; 30715, 11th January.
 Sandpaper, &c.; A. L. Bethell; 30941, 28th February, 1911†; (33, 4th April).
 Sanitary apparatus (see Closet-seat cover).
 Sanitary seat-cover (see Closet-seat cover).
 Sash (see Window-sash).
 Saucepan; C. R. Trinder; 30916, 20th February; (27, 21st March).
 Saucepan, &c.; G. Stevenson; 30961, 28th February.
 Saucepan-lid lifter; F. Hill; 31109, 29th March.
 Sauces, &c., manufacture; P. J. R. Peacocke; 31095, 26th March.
 Saw (see Crosscut-saw; Stone-cutting saw).
 Scaffolding-hanger; J. D. Smith; 29762, 21st June, 1911; (6, 25th January).
 Scarf, &c., fixing; H. A. T. Griffin; 30953, 15th May, 1911.†
 Sciatica, &c., cure (see Medicine, gout, &c., cure).
 Scissors; A. F. Talbot; 30688, 3rd January.
 Scoring-device (see Game-scorer).
 Screen (see Cooling-screen; Ventilating-screen).
 Screw-bolts, nuts, &c.; R. D. Wagner; 30942, 28th February, 1911†; (33, 4th April).
 Seed-dresser (see Grass-stripper).
 Seed-drill, broadcaster; C. E. Hardley; 31077, 23rd March.
 Settling-apparatus; J. Van N. Dorr; 29389, 11th April, 1911; (10, 8th February).
 Sewage-treatment; H. E. Metcalfe; 30862, 14th February.
 Sewer (see Concrete sewer).
 Sewerage-system; I. Shone; 31081, 26th March.
 Sewing-machine (see also Boot-inseam-sewing machine).
 Sewing-machine; H. G. Bedell; 30794, 27th January; (18, 22nd February).
 Sewing-palm (see Palm-protector).
 Shackle (see Swingletree-shackle).
 Sharpening knives (see Chaff-cutter-blade sharpener).
 Sheep (see Fleece-treatment).
 Sheep-counting apparatus; F. A. L. Wells; 30889, 17th February.
 Sheep-shearing machine; A. G. L. Neighbour; 30766, 25th January, 1911.†
 Sheep-shearing machine; Wolseley Sheep Shearing Machine Company, Limited; 30110, 7th October, 1910†; (3, 11th January).
 Sheep-shearing-machine adapter; T. D. Sinclair; 31065, 21st March.
 Sheep-shearing-machine driving-gear; F. J. S. Caverhill; 29461, 28th April, 1911; (23, 7th March).
 Sheep-shearing-machine elbow-joint; C. J. and H. A. Craig; 30737, 16th January; (18, 22nd February).
 Shellfish-opening; W. G. Wilson; 31042, 15th March.
 Ship-alarm apparatus; E. A. Griffiths; 31036, 14th March.
 Shield (see Hand-shield for brush).
 Ship-steering apparatus; T. W. May; 31001, 7th March; (36, 18th April).
 Ship's hold, &c., access-obtaining; J. T. Horne; 30973, 13th April, 1911†; (36, 18th April).
 Ship's hull-cleaner; F. G. Browne; 30865, 11th April, 1911.†
 Shock-absorber (see Side-car shock-absorber; Vehicle shock-absorber).
 Shoe (see Boot).
 Shovel-tip; T. Salter; 30779, 24th January.
 Show-case, clothing, &c.; M. O. Kreissig; 29134, 15th February, 1911; (6, 25th January).
 Shower-bath, hot; W. B. D. Ponninghaus; 30742, 16th January; (18, 22nd February).
 Side-car shock-absorber; T. D. Sinclair; 30978, 5th March; (33, 4th April); (33, 4th April).
 Sights, small-arms, &c.; H. Ommundsen, E. J. D. Newitt, and S. R. Hollick; 31044, 30th March, 1911.†
 Sign (see Electric-light sign; Gas sign, flashing; Illuminated sign).
 Signal (see Railway-signal).
 Silicates, hydrated alumino, manufacture; J. D. Riedel Aktiengesellschaft; 29743, 20th June, 1911; (10, 8th February).
 Skate (see Roller-skate).
 Skeleton frame and receptacle; R. M. Baddeley; 30971, 2nd March; (36, 18th April).
 Skiving-machine-cutter mounting; J. B. Salmon and E. W. Roy; 30282, 28th September, 1911; (27, 21st March); (27, 21st March).
 Skylight, sliding; A. W. Pirie and F. Ross; 30747, 19th January; (23, 7th March).
 Sleeper, &c., railway; R. D. McCarter; 30763, 23rd January; (23, 7th March).
 Soap (see also Sand-soap).

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Soap, &c., holder (see Bath, &c., attachment; Bucket, &c., attachment; Wash-tub, &c., attachment).
 Solder; W. Fullman and J. Riddles; 30929, 21st February.
 Soldering-iron, &c., heater; D. Smith; 31088, 27th March.
 Sole (see Boot-sole).
 Spade (see Shovel).
 Spanner (see also Wrench).
 Spanner; T. Bassford; 31030, 13th March.
 Spanner; W. Stewart and J. Bruton; 30788, 26th January.
 Spark-gap (see Electric-circuit spark-gap).
 Speed-controller, &c. (see Machinery speed-controller, &c.).
 Spouting-bracket; W. J. Branigan; 31043, 14th March.
 Spouting-bracket; M. Sherlock; 30841, 8th February; (23, 7th March).
 Spouting-bracket manufacturing; G. U. Judkins; 31099, 27th March.
 Spraying-apparatus; R. M. Poole and F. H. Daniel; 31027, 13th March.
 Spring (see Vehicle-spring).
 Stamp-affixer (see Postage-stamp affixer).
 Stamping and recording machine, postal; A. H. Wright; 30547, 21st November, 1910†; (18, 22nd February).
 Standard (see Fencing-standard).
 Steam cooker; D. R. Jones; 30721, 12th January.
 Steering (see Traction-vehicle, steering).
 Steam-collector; Locomotive Superheater Company; 30948, 8th April, 1911.†
 Step-ladder; H. W. Yeoman; 29349, 30th March, 1911; (18, 22nd February).
 Steps (see Concrete, &c., steps).
 Stone-cutting saw; J. J. Smith; 30121, 6th September, 1910†; (18, 22nd February).
 Stoppers (see Bottle-stoppers; Can-closures).
 Stove (see Electric stove; Primus stove).
 Strainer (see Wire-strainer).
 Strawberry-protector; S. Philp; 31039, 14th March.
 Street, &c., indicator; W. Jacobsen, J. D. Cameron, and F. J. Lough; 30848, 10th February; (27, 21st March).
 Street, &c., indicator; W. Jacobsen, J. D. Cameron, and F. J. Lough; 31097, 28th March.
 Street side-channel bridge; J. M. Rowe; 29582, 20th May, 1911; (27, 21st March).
 Stucco-applying; O. B. Webster; 31098, 27th March.
 Sulphate (see Ammonium-sulphate).
 Superheater, steam; E. S. Luard; 30809, 12th April, 1911.†
 Surf-bathing apparatus (see Life-saving apparatus, surf).
 Sweeper (see Vacuum sweeper).
 Swingletree (see also Whiffletree).
 Swingletree-shackle; G. T. Allen; 29832, 8th July, 1911; (23, 7th March).
 Switch (see Electric switch; Meat-rail tumbler-switch).
 Table (see also Billiard, &c., table).
 Table; A. Cowell; 30761, 23rd January.
 Table, collapsible; G. Buchanan; 30787, 24th January; (23, 7th March).
 Tachometer; J. N. Matheson and W. M. Bruce; 31033, 13th March.
 Tacking-machine (see Boot lasting and tacking machine).
 Tags, address (see Labels, &c.).
 Tap (see also Kerosene-tin, &c., tap; Milk-cock).
 Tap; J. W. Shephard and F. A. Jones; 30806, 31st January; (18, 22nd February).
 Tap; J. W. Shephard and F. A. Jones; 30831, 7th February; (18, 22nd February).
 Tap, &c., operator; C. R. Hyde and R. Hood; 30871, 14th February.
 Tap, regulating and measuring; C. A. Gordon; 30683, 3rd January; (18, 22nd February).
 Target; C. A. Bicknell; 30950, 27th February.
 Target; S. B. Forscutt; 29036, 9th February, 1911; (18, 22nd February).
 Target; R. Stavely and D. C. Du Noe; 30836, 7th February; (27, 21st March).
 Tartaric acid, extracting (see Potassium-bitartrate, &c.).
 Tea-packing machine; C. A. Green and W. E. Morris; 30205, 13th September, 1911; (3, 11th January).
 Teat-cup (see Milking-machine teat-cup).
 Teat-cup support (see Milking-machine claw; Milking-machine teat-cup support).
 Telegraphy (see Electric-oscillations receiver; Wireless installation, &c.).
 Telephone-cap, antiseptic; A. Spicer; 30720, 10th January.
 Telephone exchange; F. R. McBerty; 30965, 1st March, 1911.†
 Telephone-list control; A. J. W. Munden; 30749, 18th January; (18, 22nd February).
 Telephone-mouthpiece disinfector; C. A. McCoy; 30996, 6th March; (36, 18th April).*

ALPHABETICAL LIST OF INVENTIONS—*continued*

Telephone-system; Automatic Electric Company; 30876, 13th February.
 Telephone-system call-recorder; E. G. Godfree; 31085, 3rd April, 1911.†
 Thermostat; T. Dobeson; 30757, 23rd January.
 Threshing-machine; J. Greenslade; 29090, 31st January, 1911; (6, 25th January).
 Throat, removing obstructions from (see Animal's throat-obstruction remover).
 Tickets, &c. (see Labels, &c.; Tram-ticket).
 Tie-fixing (see Scarf, &c., fixing).
 Tiles (see Roofing-tile).
 Tiller-holder; H. A. L. Wells; 30890, 17th February; (33, 4th April).*
 Timber-seasoning; A. J. Eggleton; 29420, 19th April, 1911; (27, 21st March).
 Timepiece-dial; C. G. Hall; 30906, 20th February; (33, 4th April).*
 Tin, opening and closing; P. Davies and E. H. Maas; 30844, 8th February.
 Tin-piercer (see Kerosene-tin nozzle and piercer, &c.).
 Tins (see Hinging lids of tins).
 Tire-cover; A. J. Callinan and V. J. Heinecke; 30732, 16th January, 1911.†
 Tire, cycle-; T. Bassford; 31028, 13th March.
 Tire, &c.; M. Binnes, H. Beswick, and R. Billington; 31080, 26th March.
 Tire, pneumatic; J. B. Salmon and E. W. Roy; 30725, 11th January; (33, 4th April).
 Tire, pneumatic; J. B. Salmon and E. W. Roy; 31019, 8th March; (33, 4th April).*
 Tire, pneumatic, &c.; E. B. Killen; 30762, 23rd January; (23, 7th March).
 Tire, pneumatic, cover; The Azalay Syndicate, Limited; 30900, 19th February; (33, 4th April).
 Tire-puncture protector; A. L. J. Tait; 30932, 20th February.
 Toheroas, opening (see Shellfish, opening).
 Tool-handle securing; J. Jonson, J. W. McMillan, and J. W. Fredric; 30813, 1st February; (18, 22nd February).*
 Toy (see Aerial toy).
 Traction-engine drive-wheel; J. Hendy Iron Works; 30864, 14th February.
 Traction-vehicle, steering; L. S. Hackney; 30740, 17th January; (18, 22nd February).
 Tradesmen's indicating-device; C. G. Beckett; 31004, 6th March.
 Train-lighting system, valve; H. R. Haigh; 30724, 10th January; (18, 22nd February).
 Tram-car destination-indicator; H. Ashworth; 30784, 25th January; (18, 22nd February).*
 Tram-car destination-indicator; J. S. Wearn; 29878, 17th July, 1911; (27, 21st March).
 Tram-ticket; G. H. Dodds; 30951, 26th February; (33, 4th April).*
 Tramway-points, operating; J. H. Graham; 29178, 24th February, 1911; (23, 7th March).
 Trap (see Rabbit-trap).
 Trellis, &c., work; J. A. Dupree; 31134, 29th March.
 Trolley-pole point-shifter; G. Davidson; 30474, 17th February; (23, 7th March).*
 Trouser-clasp; W. E. Hunter; 30820, 29th January; (23, 7th March).*
 Trunk, travelling-; I. Ranginui; 31103, 29th March.
 Tube-manufacturing mill; Automatic Welding Company; 30770, 20th January; (23, 7th March).
 Twine-balling machine; C. Maddren; 30857, 10th February; (27, 21st March).
 Vacuum pump; C. H. Davis; 30696, 6th January; (23, 7th March).
 Vacuum pump, &c.; B. G. A. Harkness; 31064, 21st March.
 Vacuum-pump valves, &c.; R. C. Porter; 29032, 20th January, 1911; (10, 8th February).
 Vacuum sweeper; A. P. Merrill; 30497, 15th November, 1911; (23, 7th March).*
 Valve (see also Gas-producer air-valve; Pump-valve; Train-lighting system, valve).
 Valve-seatings, &c. (see Vacuum-pump valves, &c.).
 Variable-speed gear; C. S. and F. P. Richardson, and J. F. Deford; 30684, 3rd January; (27, 21st March).
 Variable-speed gear; J. F. Wilson; 30284, 29th September, 1911; (10, 8th February).
 Vehicle (see Traction-vehicle).
 Vehicle-body adjusting; D. W. Macdonald; 30873, 14th February; (27, 21st March).*
 Vehicle-jack; L. Healey; 30706, 10th January; (6, 25th January).*
 Vehicle shock-absorber (see also Side-car shock-absorber).

ALPHABETICAL LIST OF INVENTIONS—*continued*

Vehicle shock-absorber; J. J. Charley; 29677, 6th June 1911 (3, 11th January).
 Vehicle, shock-absorber; E. Schultz; 30921, 21st February; (36, 18th April).*
 Vehicle-spring; C. D. Hastings; 30415, 26th October, 1911; (23, 7th March).
 Vehicle-wheel, &c.; M. Binnes, H. Beswick, and R. Billington; 31080, 26th March.
 Vehicle-wheel, resilient; T. Grace; 29527, 11th May, 1911; (23, 7th March).
 Ventilating (see also Mine-ventilation; Window-blind ventilating-frieze).
 Ventilating-screen, opening, &c.; R. M. Baddeley; 30887, 15th February; (23, 7th March).*
 Ventilator; H. I. M. Ross; 31003, 5th March.
 Vote-recording; J. H. Newlyn; 30937, 26th February.
 Voting (see also Elector's enrolment-claim).
 Voting-paper; N. Paterson; 30754, 18th January; (10, 8th February).*
 Voting-paper, &c.; F. G. Yelverton; 30954, 28th February.
 Wall (see Concrete wall).
 Wall-covering plates; I. H. Storey, W. E. McCalla, and A. Griffiths; 30708, 4th October, 1911; (18, 22nd February).
 Wall-plate checking-machine; W. Miller; 30969, 1st March.
 Wardrobe, folding; E. J. White; 30672, 22nd December, 1911 (23, 7th March).
 Wash boiler and frame; E. H. Noy and G. D. Fort; 31041, 15th March.
 Washhand-basin holder; R. A. Abel and F. W. Pattison; 30935, 21st February; (36, 18th April).*
 Washing-board; H. McDonald; 31050, 19th March.
 Washing-fluid; N. Butler; 30830, 7th February.
 Wash tub, &c., attachment; J. F. Devonport; 30773, 23rd January; (18, 22nd February).*
 Water-closet flusher; W. Beamish; 30882, 14th February; (27, 21st March).*
 Water-closet flusher; P. McIlveney; 30885, 16th February; (23, 7th March).*
 Water-motor; R. K. Balcarras; 30834, 7th February; (23, 7th March).*
 Waterproofing-composition (see Leather-waterproofing composition).
 Water-softening; J. D. Riedel Aktiengesellschaft; 29744, 20th June, 1911; (10, 8th February).
 Wave-motor; J. H. Gill; 30751, 18th January; (10, 8th February).*
 Weatherboard and joint; B. Greenwood; 30936, 22nd February.
 Weigher and measurer, household; J. T. Moir; 30907, 21st February; (27, 21st March).*
 Well-boring bit; B. J. Weger; 29112, 27th January, 1911; (3, 11th January).
 Wharves, &c.; K. Thomson; 30799, 30th January; (23, 7th March).
 Wheel (see also Flywheel; Traction-engine drive-wheel; Vehicle-wheel).
 Wheel, pneumatic; P. S. O'Neill and A. Beban; 31066, 19th March.
 Whiffletree; G. W. Penney; 30748, 18th January; (10, 8th February).*
 Whip-handle (see Wire-strainer and whip-handle).
 Winch (see Flywheel-winch).
 Wind-screen (see Motor-car, &c., wind-screen).
 Windmill-control; F. Jackson; 30777, 24th January; (23, 7th March).
 Windmill-control; A. P. Turnbull; 31087, 28th April, 1911.†
 Windmill, &c.; W. Weekes and D. E. Absolom; 30952, 28th March, 1911; (33, 4th April).
 Wind-motor (see Windmill).
 Window antirattling-fastener; T. McGann and R. J. Pitts; 29343, 29th March, 1911; (18, 22nd February).
 Window-blind ventilating-frieze; J. Dougan; 30817, 31st January; (18, 22nd February).*
 Window sashcord-fastener; W. Sinton; 29777, 24th June, 1911; (27, 21st March).
 Window-sash counterbalancing; E. H. Luke; 31005, 8th March; (36, 18th April).*
 Window-sash raising, &c.; I. Ranginui; 31105, 29th March.
 Window-sash support; J. B. Murphy; 30943, 14th March, 1911.†
 Wire fencing; W. P. C. Bain; 30894, 27th February, 1911; (33, 4th April).
 Wire-netting machine; J. Lysaght, Limited; 30701, 9th January; (18, 22nd February).
 Wire strainer and knoter; W. L. Bullows; 30859, 13th February; (27, 21st March).
 Wire-strainer and whip-handle; W. E. Hunter; 30774, 20th January; (10, 8th February).*

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Wireless installation; E. Phillips; 31120, 29th March.
 Wireless-telegraph mast; E. Phillips; 31121, 29th March.
 Wire-strainer, &c.; H. E. Ireland and F. C. W. Kuschert;
 30500, 8th December, 1910†; (18, 22nd February).
 Wool-press; H. Ogden; 30778, 24th January; (18, 22nd
 February).
 Wrapping-machine (see Butter, &c., wrapping machine).
 Wrench (see also Pipe-wrench).
 Wrench; T. Bassford; 31031, 13th March.‡

Yeast, dried, manufacture; P. D. H. [Ohlhaber; 30767,
 1st March, 1911†; (23, 7th March).
 Yeast-vitality maintaining; P. D. H. Ohlhaber; 30768, 1st
 March, 1911.†

Zeolites-manufacture; J. D. Riedel Aktiengesellschaft;
 29743, 20th June, 1911; (10, 8th February).

Alphabetical List of Applicants for Registration of Trade
Marks.

ALPHABETICAL list of applicants for registration of
 Trade Marks for quarter ended 31st March, 1912
 (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*.

Aickin, C., and Son, Auckland, New Zealand; (42); 10239,
 23rd February.
 Aickin, C., and Son, Auckland, New Zealand; (42); 10120,
 13th December, 1911; 23, 7th March.
 Ainslie, J., and Co., Leith, Scotland; (43); 10023, 10024,
 24th October, 1911; 23, 7th March.
 Alexander, W. H., and another, Gisborne, New Zealand;
 (50); 10195, 24th January.
 Alliance, Tea, Coffee, and Cocoa Company, Wellington, New
 Zealand; (42); 10223, 13th February; 18, 22nd February.
 American Steel and Wire Company of New Jersey, Hoboken,
 United States America; (5); 10215, 10th February; 18,
 22nd February.
 Archer and Halliburton, Christchurch, New Zealand; (2);
 10159, 10th January; 18, 22nd February.
 Ashton, T. A., Limited, Sheffield, England; (25); 10222,
 13th February; 23, 7th March.

Baldwins Limited, Swansea, Wales; (5); 10226, 14th
 February; 18, 22nd February.
 Barzey, H., Auckland, New Zealand; (3); 10317, 10318,
 27th March.
 Batson, H. T., and Co., Palmerston North, New Zealand;
 (38); 9410, 27th February, 1911; 23, 7th March.
 Baylis, G. H., Wellington, New Zealand; (48); 10263, 29th
 February; 23, 7th March.
 Baylis, G. H., Wellington, New Zealand; (48); 10264, 29th
 February; 27, 21st March.
 Baylis, G. H., Wellington, New Zealand; (48); 10270, 5th
 March; 27, 21st March.
 Beath and Co., Limited, Christchurch, New Zealand; (34);
 10243, 27th February; 27, 21st March.
 Beath and Co., Limited, Christchurch, New Zealand; (24);
 10268, 4th March; 33, 4th April.
 Beath and Co., Limited, Christchurch, New Zealand; (38);
 10269, 4th March; 36, 18th April.
 Bing, Harris, and Co., Limited, Dunedin, New Zealand; (50);
 10278, 9th March; 33, 4th April.
 Biofix Limited, London, England; (8); 10266, 2nd March;
 27, 21st March.
 Blackie, R., London, England; (3); 10230, 16th February.
 British Ceresit Waterproofing Company, Limited, London,
 England; (17); 10200, 30th January; 10, 8th February.
 Brown, S., London, England; (49); 10204, 31st January;
 10, 8th February.
 Burley, R., Luton, England; (38); 10308, 23rd March.
 Burmah Oil Co., Limited, Glasgow, Scotland; (47); 9412,
 9417, 11th December, 1911; 3, 11th January.
 Burrows Bros., Gore, New Zealand; (46); 10265, 1st March;
 27, 21st March.

California Fruit Cannery Association, San Francisco, United
 States America; (42); 10281, 11th March.
 Campbell and Ehrenfried Company, Limited, Auckland, New
 Zealand; (43); 10227, 15th February; 27, 21st March.
 Chalmers, S. D., and another, London, England; (15); 10233,
 19th February; 23, 7th March.
 Chaplin, W. H., and Co., Limited, London, England; (43);
 10314, 10315, 26th March; 33, 4th April.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

Charrington, F. N., London, England; (14); 10155, 3rd
 January; 3, 11th January.
 Chipman Limited, New York, United States America, Sydney,
 New South Wales, and elsewhere; (22); 10203, 31st
 January.
 Chipman Limited, New York, United States America, Sydney,
 New South Wales, and elsewhere; (50); 9220, 7th December,
 1910; 3, 11th January.
 Chipman Limited, New York, United States America, Sydney,
 New South Wales, and elsewhere; (6), (22); 10300, 10301,
 19th March; 33, 4th April.
 Chipman Limited, New York, United States America, Sydney,
 New South Wales, and elsewhere; (6), (22); 10302, 10303,
 19th March.
 Clark, J. J., and another, Auckland, New Zealand; (3);
 10277, 9th March; 33, 4th April.
 Clark, R. I., and Co., (Australasia) Limited, Sydney, New
 South Wales; (1); 10272, 7th March.
 Clark Thread Company, Newark, United States America;
 (23); 10289, 12th March.
 Colthurst and Harding, London and Bristol, England; (1);
 10312, 26th March; 33, 4th April.
 Columbia Phonograph Company, General, New York, United
 States America, London, England; (8); 10182, 16th Janu-
 ary; 6, 25th January.
 Compagnie Francaise de la Chamoiserie Nouvelle, Paris,
 France; (37), (38); 10332, 10333, 30th March; 36, 18th April.
 Cudahy Packing Company, Chicago, and South Omaha,
 United States America, and elsewhere; (47), (50); 10294,
 10295, 14th March; 33, 4th April.

Delacour Bros., Limited, London, England; (50); 9127,
 26th October, 1910; 18, 22nd February.
 Denniston, S. T., Dunedin, New Zealand; (42); 10237, 21st
 February; 23, 7th March.
 Deutsche Gasglühlicht Aktiengesellschaft (Auergesellschaft),
 Berlin, Germany; (13); 10142, 21st December, 1911;
 23, 7th March.
 Dillimore, L., Auckland, New Zealand; (13); 10202, 31st
 January; 18, 22nd February.
 Dodd D Shoe Company, Boston, United States America; (38)
 10156, 4th January.
 Dominion Corset Company, Quebec, Canada; (38); 10329,
 29th March.
 Donaghy's Rope and Twine Company, Limited, Dunedin,
 and elsewhere, New Zealand; (50); 10273, 7th March;
 27, 21st March.
 Dufaur, E. B., Auckland, New Zealand; (43); 10242, 26th
 February; 33, 4th April.
 Durward, W. F., and Co., Limited, Palmerston North, New
 Zealand; (34); 10293, 14th March; 33, 4th April.

Edison and Swan, United Electric Light Company, Limited,
 London, England; (13); 10162, 10163, 12th January;
 18, 22nd February.
 Edmonds, G., Birmingham, England; (14); 10299, 19th
 March; 36, 18th April.
 Elgin National Watch Company, Elgin, United States
 America; (10); 9824, 14th August, 1911; 18, 22nd
 February.

Frith, Son, and Co., Auckland, New Zealand; (18); 10216,
 9th February; 18, 22nd February.

Garland Limited, Auckland, New Zealand; (42); 10229,
 16th February.
 Gem Packing Company (see Thompson Bros., Limited).
 Gibson, W. H., Wanganui, New Zealand; (2); 9853, 21st
 August, 1911; 10, 8th February.
 Gilbert, J. B., and Sons, Limited, Wanganui, New Zealand;
 (47); 10305, 10306, 21st March.
 Gilbert, J. B., and Sons, Limited, Wanganui, New Zealand;
 (47); 10309, 25th March.
 Gill Bros. Company, Steubenville, United States America;
 (15); 10319, 28th March.
 Gilpin, W., Senior, and Co., Limited, Cannock, England; (12),
 (13); 10310, 10311, 26th March.
 Gramophone Company, Limited, Hayes, England; (8); 10196,
 26th January; 10, 8th February.

Hall Manufacturing Company, Limited, Wellington, New
 Zealand; (42); 10288, 19th March; 33, 4th April.
 Hampton, C. and J., Limited, Attercliffe, England; (13);
 10321, 28th March.
 Hare, J., and Co., Bristol, England; (1); 9409, 27th Feb-
 ruary, 1911; 10, 8th February.
 Harris, J. A., Onehunga, New Zealand; (3); 10307, 21st
 March; 33, 4th April.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

- Harrison Bros. and de Roo, Christchurch, New Zealand; (50); 10285, 12th March.
- Hawker, A. E., London, England; (2); 10192, 23rd January; 18, 22nd February.
- Hawkins, G. T., Northampton, England; (38); 10247, 10248, 27th February; 23, 7th March.
- Hawkins, G. T., Northampton, England; (38); 10249, 27th February; 27, 21st March.
- Heering, P. F., Copenhagen, Denmark; (43); 9587, 27th April, 1911; 27, 21st March.
- Hollins Mill Company, Manchester, England; (4); 10298, 19th March.
- Holzapfels Limited, Newcastle-on-Tyne, England; (1); 9805, 1st August, 1911; 6, 25th January.
- Homocca Limited, London, England; (3); 9836, 15th August, 1911; 27, 21st March.
- Horn, J. (Stockport), Limited, Stockport, England; (42); 10228, 15th February; 23, 7th March.
- Houten (see Van Houten).
- Irish Linen Mesh Company, Limited, Belfast, Ireland; (38); 10287, 12th March.
- Jeffery, T. B., Company, Kenosha, United States America; (22); 10240, 23rd February; 27, 21st March.
- Johns-Manville, H. W., Company, New York, United States America; (1); 10136, 21st December, 1911; 18, 22nd February.
- Johns-Manville, H. W., Company, New York, United States America; (4); 10137, 21st December, 1911; 10, 8th February.
- Johns-Manville, H. W., Company, New York, United States America; (50); 10141, 21st December, 1911; 23, 7th March.
- Josefsthaller Gummiund Asbestwarenfabrik Kommanditgesellschaft (Moor, Horowitz, and Co.), Vienna, Austria; (50); 10164, 12th January; 6, 25th January.
- Keystone Watch-case Company, Philadelphia, United States America; (14); 10169, 10171, 10172, 15th January.
- Keystone Watch-case Company, Philadelphia, United States America; (10); 9825, 9827, 14th August, 1911; 6, 25th January.
- Keystone Watch-case Company, Philadelphia, United States America; (14); 10170, 15th January; 6, 25th January.
- Keystone Watch-case Company, Philadelphia, United States America; (14); 10173, 15th January; 23, 7th March.
- Kirkcaldie and Stains, Limited, Wellington, New Zealand; (38); 10160, 11th January.
- Lazenby, E., and Son, Limited, London, England; (42); 10234, 19th February.
- Lazenby, E., and Son, Limited, London, England; (42); 10235, 19th February; 23, 7th March.
- Lever Bros., Limited, Balmain, New South Wales; (47), 10322, 10324; (48), 10323; 28th March.
- Lever Bros., Limited, Balmain, New South Wales; (47), 10327; (48), 10328; 28th March; 36, 18th April.
- Lever Bros., Limited, Balmain, New South Wales; (3), (42); 10325, 10326, 28th March; 36, 18th April.
- Linotype and Machinery, Limited, London, England; (6); 10157, 9th January; 6, 25th January.
- Lucas, J., Limited, Birmingham, England; (13); 10183, 16th January; 27, 21st March.
- Lyle, A., and Sons, Limited, London, England; (42); 10271, 6th March.
- Mackerras, Hazlett, Limited, Dunedin, New Zealand; (42); 10241, 26th February; 23, 7th March.
- Mackinney, V. H., and another, London, England; (15); 10233, 19th February; 23, 7th March.
- Magic Appliances, Limited, London, England; (6); 10130, 16th December, 1911; 23, 7th March.
- Mandleberg, J., and Co., Limited, Pendleton, England; (38); 10166, 10167, 13th January.
- Manktelow, L., Newstead, New Zealand; (42); 10199, 29th January; 18, 22nd February.
- Manson and Barr, Palmerston North, New Zealand; (7); 10236, 20th February; 23, 7th March.
- Manville (see Johns-Manville).
- Marshall's Proprietary Company, Limited, Dunedin, New Zealand; (50); 9867, 26th August, 1911; 27, 21st March.
- Massey, W., Ihumateao, New Zealand; (13); 10292, 13th March; 27, 21st March.
- Maxwell, A. A. S., Rotorua, New Zealand; (3); 10158, 10th January.
- Meccano Limited, Liverpool, England; (8); 10274, 8th March; 27, 21st March.
- Meredith Bros. and Co., Aratapu, New Zealand; (42); 9844, 17th August, 1911; 10, 8th February.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

- Metallurgique Limited, London, England; (22); 10209, 1st February.
- Millar, W. J., Havelock North, New Zealand; (3); 10262, 29th February; 27, 21st March.
- Miller, Midlane, and Co., Wellington, New Zealand; (24), (27), (31), (34); 10257, 10258, 10260, 10261, 29th February; 27, 21st March.
- Miller, Midlane, and Co., Wellington, New Zealand; (30); 10259, 29th February.
- Mitre Polish Company, Limited, Liverpool, England; (50); 10286, 12th March.
- Moor, Horowitz, and Co. (see Josefsthaller Gummiund, &c., No. 10164).
- Morley, T. and R., London, England; (38); 10152, 3rd January.
- Moss, W. D., St. Albans, New Zealand; (50); 10161, 12th January; 10, 8th February.
- Murdoch, A., and Co., Wellington, Dunedin, and Auckland, New Zealand; (42); 10279, 9th March.
- Myatt, T. and V., Limited, Leek, England; (23), (30), (30); 10177, 10178, 10179, 16th January; 6, 25th January.
- Nathan, J., and Co., Limited, Wellington, New Zealand; (42); 10218, 9th February; 18, 22nd February.
- National Dairy Association of New Zealand, Limited, Wellington, New Zealand; (24); 10154, 3rd January; 6, 25th January.
- Newcomb, A., Auckland, New Zealand; (40); 10329, 29th March.
- Newton, Chambers, and Co., Limited, Sheffield, England; (2); 10221, 13th February; 18, 22nd February.
- Nova Canneries, Limited, Halifax, Nova Scotia; (42); 10244, 27th February.
- Nugget Polish Company of New Zealand, Limited, Christchurch, New Zealand; (40); 10291, 13th March; 27, 21st March.
- Nürnberg Metall and Lackierwarenfabrik, vorm Gebrüder Bing Actiengesellschaft, Nürnberg, Germany; (49), (13); 10224, 10225, 13th February.
- Ozonair Limited, London, England; (6); 10280, 12th March; 27, 21st March.
- Packard Motor-car Company, Detroit, United States America; (22); 10232, 16th February.
- Partington, J., Auckland, New Zealand; (42); 10189, 9th February; 18, 22nd February.
- Paterson, J., "Paterson's Manufacturing Company," Auckland, New Zealand; (3); 10297, 16th March; 33, 4th April.
- Paterson's Manufacturing Company (see J. Paterson).
- Payne, G., and Co., Limited, London, England; (42); 10250; 27th February; 23, 7th March.
- Peairs, W. A., Sydney, New South Wales; (3); 10153, 3rd January; 3, 11th January.
- Peninsular Chemical Company, Detroit, United States America; (3); 10254, 28th February; 27, 21st March.
- Peter, Cailler, Kohler Chocolats Suisses Société Anonyme, Vevey, Switzerland; (42); 10313, 26th March; 33, 4th April.
- Peters, A. L. J., Bendigo, Victoria; (3); 10238, 22nd February; 33, 4th April.
- Phillips, G. F., "H. Phillips," Birmingham, England; (14); 10231, 16th February.
- Phillips, H. (see G. F. Phillips).
- Pidgeon, E. W., and Co., Limited, Christchurch, New Zealand; (6); 10194, 24th January; 10, 8th February.
- Pidgeon, E. W., and Co., Limited, Christchurch, New Zealand; (22); 10198, 29th January; 10, 8th February.
- Pirie, A., and Sons, Limited, Aberdeen, Scotland; (39); 10316, 26th March; 33, 4th April.
- Plant, T. G., Company, Boston, United States America; (38); 10188, 18th January.
- Porteous, C. V., and another, Gisborne, New Zealand; (50); 10195, 24th January.
- Prestwick, J. A., London, England; (6); 10211, 1st February.
- Price, H., and Co., Wellington, New Zealand; (42); 10304, 19th March; 33, 4th April.
- Price, H., and Co., Wellington, New Zealand; (42); 10331, 29th March.
- Ramon Montet, Limited, London and Warwick, England; (45); 10212, 1st February; 18, 22nd February.
- Rayner, F. J., Auckland, New Zealand; (12); 10184, 17th January.
- Read Bros., Limited, Kentish Town, England; (43); 9961, 9th October, 1911; 23, 7th March.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

Reckitt's (Over Sea) Limited, Wellington, New Zealand; (50); 10186, 10187, 17th January; 6, 25th January.

Rolls and Linoms, Limited, London, England; (4); 9542, 8th April, 1911; 3, 11th January.

Routledge, C., London, England; (50); 10210, 1st February; 18, 22nd February.

Sadgrove, C. L., Henderson, New Zealand; (3); 10256, 29th February; 23, 7th March.

Sanford, F., and another, Auckland, New Zealand; (3); 10277, 9th March; 33, 4th April.

Sargood, Son, and Ewen, Limited, Dunedin, and elsewhere, New Zealand; (38); 10165, 12th January; 10, 8th February.

Scheja, J., Stockholm, Sweden; (17); 9934, 27th September, 1911; 3, 11th January.

Scotfield, B. S., Dunedin, New Zealand; (3); 10205, 31st January; 10, 8th February.

Société Anonyme de la Distillerie de la Liqueur Benedictine, Fécamp, France; (43); 10176, 16th January; 18, 22nd February.

Southland Soap, Candle, and Manufacturing Company, Limited, Invercargill, New Zealand; (47); 10168, 15th January; 18, 22nd February.

Studd and Millington, London, England; (38); 10246, 27th February; (36, 18th April).

Sturges, A., Henderson, New Zealand; (42); 10296, 16th March.

Sunbeam Lamp Company, Limited, Gateshead, England; (13); 10191, 23rd January; 10, 8th February.

Sunbeam Motor-car Company, Limited, Wolverhampton, England; (22); 10219, 13th February; 18, 22nd February.

Syrolit Limited, London, England; (50); 10151, 3rd January; 3, 11th January.

Te Kuiti District Co-operative Dairy Company, Limited, Te Kuiti, New Zealand; (42); 10217, 9th February.

Thomas, C., and Bros., Limited, Bristol, England; (47); 8903, 26th July, 1910; 6, 25th January.

Thompson Bros., Limited, Wellington, New Zealand, "Gem Packing Company"; (42), (47); 10283, 10284, 11th March.

Thorne, R., and Sons, Limited, London, England; (42); 10255, 28th February; 23, 7th March.

Tyree, A., and Co., Christchurch, New Zealand; (22); 10190, 20th January; 10, 8th February.

Union Oil, Soap, and Candle Company, Limited, Auckland, New Zealand; (47); 10253, 28th February.

Universal Stenotype Company, Owensboro, United States America; (6); 10220, 13th February; 18, 22nd February.

Van Houten, C. J., and Zoon, Weesp, Holland; (42); 10193, 23rd January; 10, 8th February.

Venables, J., Christchurch, New Zealand; (13); 10174, 10175, 15th January; 27, 21st March.

Vereinigte Carborundum und Elektrizität Werke, Akt. Ges., Vienna, Austria; (50); 10185, 17th January; 6, 25th January.

Viscose Development Company, Limited, London, England; (37), (39), (50); 10206, 10207, 10208, 1st February; 18, 22nd February.

APPLICANTS FOR REGISTRATION OF TRADE MARKS—*contd.*

Wakefield, C. C., and Co., London, England; (47); 10276, 8th March; 27, 21st March.

Walker, P., and Son (Warrington and Burton), Limited, London, England; (43); 10251, 27th February; 23, 7th March.

Ward, F. H., Auckland, New Zealand; (1); 10213, 3rd February.

Wardle and Davenport, Limited, Leek, England; (23), (50); 10180, 10181, 16th January.

Warrington and Burton (see P. Walker).

Waters, J., Dunedin, New Zealand; (48); 10252, 28th February; 27, 21st March.

Wellington Cordage Company, Limited, Wellington, New Zealand; (50); 10282, 11th March; 33, 4th April.

Were Bros., Christchurch, New Zealand; (44); 10214, 7th February.

Were Bros., Christchurch, New Zealand; (43); 10275, 8th March.

Wicküler - Kupper Brauerei Actiengesellschaft, Elberfeld, Germany; (43); 10320, 28th March; 36, 18th April.

Williams and Co., Paris, France; (49); 10197, 26th January; 10, 8th February.

Willys-Overland Company, Toledo, United States America; (22); 10267, 2nd March; 33, 4th April.

Wilson's Portland Cement Company, Limited, Auckland, New Zealand; (17); 10125, 14th December, 1911; 23, 7th March.

Wiseman, J., and Sons, Limited, Auckland, New Zealand; (50); 10037, 2nd November, 1911; 23, 7th March.

Woodward, W., Limited, Nottingham, England; (3); 9894, 4th, September, 1911; 3, 11th January.

Wren, W., and Co., Northampton, England; (50); 10201, 30th January; 10, 8th February.

Yager, J. G., Christchurch, New Zealand; (38); 10280, 9th March; 33, 4th April.

Yardley and Co., Stourbridge, Limited, Stourbridge, England; 10245, 27th February.

Alphabetical List of Applicants for Registration of Designs.

ALPHABETICAL list of applicants for registration of Designs for the quarter ended 31st March, 1912. 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*.

Cochrane, J. P., and Co., Edinburgh, Scotland; (3); 568, 569, 27th February; 27, 21st March.

Perreau, M. E., Foxton, New Zealand; (5); 567, 8th January; 23, 7th March.

White, H. E., Wellington, New Zealand; (1); 570-576, 29th February; 27, 21st March.

Witting Bros., Limited, London, England; (4); 577, 6th March; 27, 21st March.

