

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1899—continued.

Name, Residence, and Invention.	No.	Date.
Drummev, J., Alexandra, N.Z. Dredge	11770	5 July.
Duignan, J. C., Melbourne, Vic. Milking appliance	11994	15 Sept.
Duncan, Limited, P. and D., Christchurch, N.Z. Manure discharge for agricultural drill	11875	9 Aug.
Dunlop, H., Summer Hill, N.S.W. Top-dressing for wood blocks for streets	11512	6 April.
Dyhrberg, L. N., and another, Ashburton, N.Z. Belt and braces	12004	18 Sept.
Eagleton, R., and another, Auckland, N.Z. Hair-wash	11792	11 July.
East, J., Gisborne, N.Z. Treating flax	12212	28 Nov.
Echlin, R. B., and another, Toowong, Queensland. Ticket-printing and -issuing machine	12091	16 Oct.
Echlin, R. B., and another, Toowong, Queensland. Scratching-board for sports	12253	21 Dec.
Echlin, R. B., and another, Toowong, Queensland. Recorder for sports	12254	21 Dec.
Edison, T. A., New Jersey, U.S.A. Crushing- or grinding-rolls	12023	28 Sept.
Ekstromer, E. C., and another, Middlesex, Eng. Extracting metals	11293	9 Jan.
Elder, W. K., Auckland, N.Z. Grip for use in sewing up wool-packs	11299	5 Jan.
Ellershausen, F., London, Eng. Treatment of flue-dust and fumes	12021	28 Sept.
Elstob, J. H., Christchurch, N.Z. Bicycle-support	12172	13 Nov.
Evans, E., Llanrwst, Wales. (See The Imperial S. C. Acetylene-gas Company, Limited, No. 11523.)		
Evans, W., Birchfield, Eng. Till	12022	28 Sept.
Evens, R., Sydney, N.S.W. Sheep medicine	11549	22 April.
Eves, T., Ongar, Essex, Eng. (See W. E. Hughes, No. 11560.)		
Fairhead, W., and another, Auckland, N.Z. Hanging window-sashes	11300	7 Jan.
Falk, C. A., and another, Sydney, N.S.W. (See E. H. and H. A. Jull, No. 11432.)		
Farmer, R. J., Sydney, N.S.W. Non-refillable bottle	11839	28 July.
Faulkner, J. W., Dunedin, N.Z. Protecting-covers for gold-saving plant	12231	8 Dec.
Ferguson, G. W., Sunny Corner, N.S.W. Snip for cutting sheet-metal	12213	1 Dec.
Ferguson, P., Auckland, N.Z. Agitating- and settling-vat	12118	24 Oct.
Ferrell, J. L., Philadelphia, U.S.A. Impregnating wood with fire-proofing preservative reagents	11412	28 Feb.
Finch, R. H., and another, Sydney, N.S.W. Coupling for air-brakes	11845	1 Aug.
Fincham, R. P., Auckland, N.Z. Knife-cleaner	12044	2 Oct.
Firth, T., Wellington, N.Z. Fire-escape	11660	30 May.
Fischer, G., London, Eng. Treating ores and slimes	11426	7 March.
Fish-oil and Guano Company (Limited), The, and another, London, Eng. Extracting oil	11416	3 March.
Fisher, G. H., Wellington, N.Z. Cycle mud-guard and tire-cleaner	11797	15 July.
Fitchett, J., Wellington, N.Z. Vehicle wheel	11734	23 June.
Fitzpatrick, W., Nelson, N.Z. Raising ships	12143	1 Nov.
Flatman, H. A., Christchurch, N.Z. Steering-gear for traction-engine	12031	28 Sept.
Flay, H., Wanganui, N.Z. Vehicle brake	12034	26 Sept.
Fletcher, H. C., and another, Melbourne, Vic. Mattress	11652	25 May.
Fog, S. L., and another, Copenhagen, Denmark. Headless match	11992	15 Sept.
Ford, J., Wellington, N.Z. Broom-handle fastening	12009	22 Sept.
Fowler, J. W., Whangarei Heads, N.Z. Securing ship's screw-propeller	11961	5 Sept.
Fowler, J. W., Whangarei Heads, N.Z. Detonator	12011	22 Sept.
Foyer, M. J., Sydney, N.S.W. Cash- and parcel-carrier system	11514	6 April.
Frank, A. R., Charlottenberg, Germany. (See the Acetylene Purifying Company, Limited, No. 11939.)		
Franklin, H. C., Dunedin, N.Z. Table, reading-desk, and cupboard combined	11623	15 May.
Franks, H., Sydney, N.S.W. Devices for display	11330	24 Jan.
Fraser and Chalmers (Limited), London, Eng. Pump. (J. Stumpf)	12119	27 Oct.
Fraser and Chalmers (Limited), London, Eng. Raising water from mine-shafts. (R. E. Browne)	11683	6 June.
Fraser, J. C., Coromandel, N.Z. Recovering gold	12135	30 Oct.
Fraser, W., and others, Glasgow, North Britain. Retort for distillation of shale, &c.	11366	10 Feb.
Free, S. L. P., Wellington, N.Z. Gold-saving table	12112	23 Oct.
Freeman, T. K., London, Eng. (See W. E. Hughes, No. 11560.)		
Friend, J. E., Wellington, N.Z. Cycle driving-gear	11472	22 Mar.
Friend, J. E., Wellington, N.Z. Sole for boot or shoe	11936	30 Aug.
Fry, H. A., Riwaka, N.Z. Knife-cleaner	12062	7 Oct.
Fuller, G. A., Christchurch, N.Z. Wool-washing apparatus	11932	25 Aug.
Fullwood, H., Carlton, Vic. Ventilation of mines	11473	22 Mar.
Gaffy, M., Mooroopna, Vic. Pruning-shears	11675	6 June.
Galbraith, D. R. S., Auckland, N.Z. Bread-making	12057	2 Oct.
Galbraith, D. R. S., Auckland, N.Z. Bread-making	11757	28 June.
Galbraith, D. R. S., Auckland, N.Z. Water-filter	11730	17 June.
Galbraith, D. R. S., Auckland, N.Z. Controlling horses	11388	16 Feb.
Galbraith, D. R. S., Auckland, N.Z. Treatment of butter	11644	18 May.
Galbraith, D. R. S., and another, Auckland, N.Z. Utilising kauri-gum deposits	11469	18 Mar.
Galbraith, D. R. S., and another, Auckland, N.Z. Lubricating oil.	11470	18 Mar.
Galbraith, D. R. S., and another, Auckland, N.Z. Shell or projectile	12074	7 Oct.
Galbraith, D. R. S., and another, Auckland, N.Z. Steamship	12170	10 Nov.
Gallagher, T., Adelaide, S.A. Bicycle-seat and handle adjustment	11709	12 June.
Galloway, W. B., Palmerston South, N.Z. Rabbit-trap	11595	4 May.
Garchey, L. A., Lyons, France. Manufacture of ceramic stone	11282	4 Jan.
Gardner, J. H., and another, Christchurch, N.Z. Fuel	11338	25 Jan.
Gardner, J. O., Glorit, N.Z. Melting ironsand	11891	12 Aug.
Garnham, R., Wellington, N.Z. Water-closet cistern	11390	21 Feb.
Garnham, R., Wellington, N.Z. Inlet-valve float for water-cistern	11576	2 May.
Garnham, R., Wellington, N.Z. Valve for water-cistern	11920	24 Aug.
Gatenby, R. M., Wanganui, N.Z. Petty account book	12056	4 Oct.
Geer, Letitia M., New York, U.S.A. Syringe for rectal purposes	11525	14 April.
Geissler, C., Stassfurt, Germany. Apparatus for taking samples of pulverised materials	11524	14 April.
General Liquid Air and Refrigerating Company, The, New Jersey, U.S.A. Refrigerating or liquefying fluids or gases. (O. P. Ostergren and M. Burger)	11424	7 March.
Gere, W. E., Syracuse, U.S.A. (See Merrell-Soule Company, No. 11487.)		
Gibbings, A. H., and others, Bradford, Eng. Removing wool and hair from skins	11962	5 Sept.
Gibbons, H. J., and another, Perth, W.A. Train-indicator for crossings	11810	20 July.
Gibbons, N., Manurewa, N.Z. Double-keeled boat	11298	5 Jan.
Gibbons, R. P., Kopu, N.Z. Circulating water in steam boilers	12032	27 Sept.