

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1897—continued.

Name, Residence, and Invention.	No.	Date.
Drake, A., Wellington, N.Z. Driving-belt	10136	18 Nov.
Draper, T. T., and another, Melbourne, Vic. Extracting liquid from slime, &c. ..	9878	9 Sept.
Dredge, J., Newtown, Sydney, N.S.W. (See J. Welsh, No. 9212.) ..		
Drewitt, F. M., and another, Christchurch, N.Z. Bicycle-pedal	9281	15 Feb.
Drewitt, F. M., and another, Christchurch, N.Z. Bicycle-pedal attachment ..	9288	3 Feb.
Drummond, C. S., London, Eng. Bicycle-saddle	9478	28 April.
Drummond, R. O. G., and others, Johannesburg, South Africa. Rock-drill ..	9245	3 Feb.
Du Brul, N., Cincinnati, U.S.A. Cigar- and cigarette-wrapper cutting machine ..	9693	17 July.
Dudson, W. S., Carterton, N.Z. Root-uplifter	10202	9 Dec.
Duncan, D. J. R., London, Eng. Jointing mains, pipes, &c.	9544	19 May.
Duncan, G. O., and another, Perth, W.A. "X-radioscope"	10244	23 Dec.
Duncan, O. E., Christchurch, N.Z. Tobacco-cutter and -rubber	9230	26 Jan.
Dunn, G., Fitzroy, Vic. Stamper battery	9989	14 Oct.
Dunn, G., and another, Fitzroy, Vic. Gold-saving machine	9246	3 Feb.
Dunnett, F. E., Wellington, N.Z. Knife-cleaner	9765	11 Aug.
Dunnett, F. E., Wellington, N.Z. Knife-cleaner	9840	30 Aug.
Duryea, J. F., Springfield, U.S.A. Motor-vehicle	9341	11 March.
Duryea, J. F., Springfield, U.S.A. Gas-engine	9740	2 Aug.
Dyhrberg, L. N., Ashburton, N.Z. Brake-gearing for cycle	9301	24 Feb.
Dykes, J., and another, Auckland, N.Z. Holder for check-books	9346	18 March.
Easom, F., and others, Beeston, Eng. Joints for cycle-frame	10242	23 Dec.
Edwards, A. H., Sydney, N.S.W. Cycle driving-gear	10172	1 Dec.
Edwards, T., Ballarat, Vic. Ore-roasting furnace	9777	12 Aug.
Edwards, T., Dunedin, N.Z. Hand signal-lamp	9798	16 Aug.
Eickhoff, G., and another, Copenhagen, Denmark. (See Maskinforretningen Interessentskabet Daawrud, No. 9264.) ..		
Ekengren, E., and others, Wellington, N.Z. Fumigator or generator	9931	25 Sept.
Elder, W. K., Auckland, N.Z. Attachment to plough	9820	21 Aug.
Eldon, R. H., and another, Toronto, Canada. Rotary engine	9595	18 Aug.
Elkington and Company (Limited), Birmingham, Eng. Soldering-pan. (H. T. Fellows) ..	9208	19 Jan.
Ellershausen, F., London, Eng. Treating ores	9586	3 June.
Ellershausen, F., London, Eng. Treating ores	9941	30 Sept.
Elliott, F., and others, Sydney, N.S.W. Manufacture of inflammable gas ..	10160	25 Nov.
Elliott, G. C., and another, New York, U.S.A. Book typewriter	9890	10 Sept.
Elliott, J. P., and another, Dunedin, N.Z. Rabbit-trap	9966	7 Oct.
Ellis, P., Christchurch, N.Z. Fluid motor	9775	10 Aug.
Ellis, W. A., Stratford, N.Z. Registering votes at elections	10200	9 Dec.
Elston, R. S., jun., Christchurch, N.Z. Envelope	9231	26 Jan.
Endean, J. A., and another, Auckland, N.Z. Pencil, rubber, and tape-measure combined ..	10208	7 Dec.
Erie, J. P., Los Angeles, U.S.A. Motor-vehicle	9475	26 April.
Esmond, F. C., Brooklyn, U.S.A. Supporting bicycle-saddles	9354	18 March.
Estève-Llatas, C. De. (See under D.)		
Etard, A., Paris, France. Gold-dissolvent	9402	22 March.
Evans, H. M., and another, Sydney, N.S.W. Cigar- and tobacco-cutter, match-delivering device and indicator combined ..	9489	3 May.
Evans, N. J. Hugh, Charlotte County, U.S.A. (See the American Tobacco Company of New Zealand, Limited, No. 9407.) ..		
Evans, S. P., Caversham, N.Z. Screw-attachment for signal-lamp	9859	30 Aug.
Evans, E. L., and another, Adelaide, S.A. Bootlace-fastener	9298	25 Feb.
Ewen, J. M., Chicago, U.S.A. Lighting basements, &c. (J. G. Pennyquick) ..	9864	4 Sept.
Ewen, J. M., Chicago, U.S.A. Window-lights and prismatic glass for windows. (F. C. Soper) ..	10007	19 Oct.
Ewen, J. M., Chicago, U.S.A. Vault- and canopy-lights and prismatic glass. (O. H. Basquin) ..	10008	19 Oct.
Ewen, J. M., Chicago, U.S.A. Basement-lights and -lighting. (F. C. Soper) ..	10009	19 Oct.
Ewen, J. M., Chicago, U.S.A. Electro-glazing for joining glass, tiles, &c. (W. H. Winslow) ..	10010	19 Oct.
Ewen, J. M., Chicago, U.S.A. Glazing prismatic glass sections, &c. (W. H. Winslow, H. F. Belcher) ..	10011	19 Oct.
Ewen, J. M., Chicago, U.S.A. Mounting paving-tiles, &c. (W. H. Winslow) ..	10012	19 Oct.
Ewen, J. M., Chicago, U.S.A. Framing window-lights, &c. (W. H. Winslow) ..	10013	19 Oct.
Ewen, J. M., Chicago, U.S.A. Prismatic window-plates. (W. H. Winslow and O. H. Basquin) ..	10014	19 Oct.
Ewen, J. M., Chicago, U.S.A. Mounting prism-lights and tiles. (W. H. Winslow) ..	10015	19 Oct.
Ewen, J. M., Chicago, U.S.A. Prismatic window-lights. (O. H. Basquin) ..	10016	19 Oct.
Ewen, J. M., Chicago, U.S.A. Prismatic canopy for window. (O. H. Basquin) ..	10017	19 Oct.
Ewen, J. M., Chicago, U.S.A. Ornamental and prism lights for windows. (H. F. Belcher) ..	10018	19 Oct.
Ewen, J. M., Chicago, U.S.A. Prisms for windows.	10019	19 Oct.
Eynon, T., Melbourne, Vic. (See G. Haley, No. 9342.)		
Eyre, C., Sydney, N.S.W. Hose-pipe connection	9633	24 June.
Fader, S., Vancouver, Canada. (See Massey-Harris Company, Limited, No. 9446.) ..		
Faris, I., and another, Napier, N.Z. Producing embossed or bas-relief photographs ..	10108	5 Nov.
Farmer, F. B., and others, Wellington, N.Z. Distending mouths of bags, &c. ..	9567	26 May.
Faulds, J. P., and others, Dunedin, N.Z. Driving mechanism for velocipedes ..	9199	14 Jan.
Faulds, J. P., and others, Dunedin, N.Z. Pedal-crank for velocipedes	9345	13 March.
Feasey, R., Palmerston North, N.Z. Employing steam-engines for fire-extinction, &c. ..	9753	5 Aug.
Fellows, H. T., Worcester, Eng. (See Elkington and Company, Limited, No. 9203.) ..		
Ferguson, J., Auckland, N.Z. Railway-crossing electric alarm	10097	2 Nov.
Ferguson, J., and another, Brisbane, Queensland. Lithographic machine	10084	3 Nov.
Ferguson, M., Melbourne, Vic. Forming dovetail edges for rivetless pipes ..	10114	11 Nov.
Ferguson, M., Melbourne, Vic. Closing the locking-bar used in construction of certain pipes ..	10115	11 Nov.
Ferguson, P., Auckland, N.Z. Amalgamator	10021	15 Oct.
Ferguson, P., Auckland, N.Z. Pulveriser	10022	15 Oct.
Ferguson, P., Auckland, N.Z. Electrolytic precipitating-box	10023	15 Oct.
Ferguson, P., Auckland, N.Z. Agitating- and settling-vat	10024	15 Oct.
Ferguson, P., Auckland, N.Z. Extracting gold and silver	10025	15 Oct.
Fergusson, F. D., Wellington, N.Z. Apparatus for facilitating calculations	9322	4 March.
Ffrost, J. E., and another, Wellington, N.Z. Beverage	10051	26 Oct.
Finch, C. A., and another, Sydney, N.S.W. Generating acetylene gas	10252	29 Dec.
Fink, M., and others, St. Kilda, Vic. Puncture-resisting shield for pneumatic tire ..	9325	4 March.