

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

Name, Residence, and Invention.	No.	Date.
Burrell, W., and another, Melbourne, Vic. Rabbit-crate	11855	3 Aug.
Burton, E., and another, Brisbane, Queensland. Ticket-printing and -issuing machine ..	12091	16 Oct.
Burton, E., and another, Brisbane, Queensland. Scratching-board for sports	12253	21 Dec.
Burton, E., and another, Brisbane, Queensland. Recorder for sports, &c.	12254	21 Dec.
Burton, G. D., Boston, U.S.A. Unhairing hides and skins	11341	26 Jan.
Burton, G. D., Boston, U.S.A. Tanning hides and skins	11342	26 Jan.
Burton, W. H., and others, Tokatoka, N.Z. Bicycle	11344	26 Jan.
Butler, W. H., New York, U.S.A. Filling and covering boxes	12210	28 Nov.
Butt, G. W., and another, Littlehampton, Eng. Carving-machine	11558	26 April.
Butterworth, R., and another, Broken Hill, N.S.W. Separator	11901	18 Aug.
Butterworth, R., and another, Broken Hill, N.S.W. Separator	11902	18 Aug.
Butterworth, R., and another, Broken Hill, N.S.W. Separator	11903	18 Aug.
Cable, W., Wellington, N.Z. Wire strainer	11824	24 July.
Calvert, L. M., Oudit, Vic. Potato-digger. (A. Sell)	11805	11 Jan.
Cameron, E. A., Queenstown, N.Z. Spark-arrester and fuel-economiser	11489	24 March.
Campbell, A. L., and others, Melbourne, Vic. Filter	12226	7 Dec.
Campbell, H. C., and another, San Francisco, U.S.A. Rock-drill	12161	10 Nov.
Campbell, J., and another, Broad Arrow, W.A. Reflector-light for piano	12081	13 Oct.
Campbell, J. P., Wellington, N.Z. Electrical-measuring instrument. (H. P. Davis and F. Conrad)	11829	26 July.
Campbell, J. P., Wellington, N.Z. Circuit-breaker. (H. P. Davis and G. Wright)	11897	16 Aug.
Campbell, J. P., Wellington, N.Z. Distribution of electrical power. (R. D. Mershon)	11919	24 Aug.
Campbell, J. P., Wellington, N.Z. Fuse-block for electric circuit. (H. P. Davis)	11947	2 Sept.
Campbell, J. P., Wellington, N.Z. Switch for electric circuit. (G. Wright and C. Aalborg)	11948	2 Sept.
Campbell, J. P., Wellington, N.Z. Electrical machine. (B. G. Lamme and J. P. Mallett)	12029	29 Sept.
Campbell, J. P., Wellington, N.Z. Alternating-current induction motor. (B. G. Lamme)	12030	29 Sept.
Campbell, W. E., and another, Wanganui, N.Z. Cycle-frame	11987	13 Sept.
Campion, Emily E., Wellington, N.Z. Apron-bag	12040	2 Oct.
Carr, D. C., Melbourne, Vic. Indicating results of races, &c.	11999	20 Sept.
Carriek, F. H., Wellington, N.Z. Whipping ropes	11884	14 Aug.
Casgrain, L. A., Winchester, U.S.A. (See McKay Shoe-machinery Company, No. 12115)		
Caspers, H., Sydney, N.S.W. Tiring wheels of road-vehicles	12000	20 Sept.
Chamberlain, W. E., Feilding, N.Z. Slasher	12019	28 Sept.
Chapman, A. H., Wellington, N.Z. Walls for freezing-chambers	11437	11 March.
Chapman, A. H., Kurow, Otago, N.Z. Clearing snow and ice from cooling-pipes of freezing-chambers	12035	27 Sept.
Chasles, A. L. P., Orleans, France. Facing for cycle-pedals, &c.	12190	23 Nov.
Chatfield, A. W., Auckland, N.Z. Waterproofing compound	12195	20 Nov.
Chipman, H. S., Sydney, N.S.W. Oil-lamp burner	11453	16 March.
Christiansen, A. C., Aalborg, Denmark. Weighing liquids	11312	11 Jan.
Christie, R. L., and another, Gore, N.Z. Gold-saving plate	12144	2 Nov.
Clark, E. L., Auckland, N.Z. Rotary engine	11786	7 July.
Clark, G. C., Paddington, Sydney, N.S.W. Concentrator	11368	10 Feb.
Clark, J., Okato, N.Z. Instrument for punching bull's nose before inserting ring	11553	20 April.
Clark, R. O. (jun.), Auckland, N.Z. Machine for working clay	11825	21 July.
Cleene, De. (See under D.)		
Clements, T., Launceston, Tasmania. Door-adjusting apparatus	11697	8 June.
Clifford, F., Westport, N.Z. Flax-dressing machine	12261	21 Dec.
Coates, G., Ngairu, N.Z. Wire-strainer	11421	7 March.
Cockerell, M. A., Dunedin, N.Z. Washing-fluid	11290	6 Jan.
Cockerell, R., Dunedin, N.Z. Crushing-machine	11483	21 March.
Cockerell, R., Dunedin, N.Z. Gold-saving table	11750	23 June.
Cockerell, R., Dunedin, N.Z. Reverse action rocking-lever	11803	14 July.
Cockerell, R., Dunedin, N.Z. Stamp-battery	12003	16 Sept.
Coe, J., Auckland, N.Z. Electrical clock	12111	20 Oct.
Coffee, F., Sydney, N.S.W. Reclining-chair	12139	3 Nov.
Commons, F. W., Ballarat, Vic. Jointing wood, stone, &c.	11833	27 July.
Conrad, F., and another, Wilkinsburg, U.S.A. Arc-lamp	11355	2 Feb.
Conrad, F., and another, Wilkinsburg, U.S.A. Electric motor and meter	11465	21 March.
Conrad, F., and another, Wilkinsburg, U.S.A. Alternating current-measuring instrument	11495	29 March.
Conrad, F., and another, Wilkinsburg, U.S.A. (See J. P. Campell, No. 11829).		
Cooze, C. J., Carterton, N.Z. Branding sheep	12064	26 Sept.
Corbett, F. J., South Yarra, Vic. Transmitting and increasing power	11807	12 July.
Corbett, F. J., South Yarra, Vic. Manufacture of lead carbonate	12150	2 Nov.
Corbett, M. J., Greymouth, N.Z. Launching stranded vessels	12160	1 Nov.
Cornish, S. H., and another, Melbourne, Vic. Mattress	11652	25 May.
Corrick, H., Wellington, N.Z. Cycling- or walking-shoe	12007	22 Sept.
Corson, W. L., San Francisco, U.S.A. Gas engine	11627	12 May.
Cotton, A. H., Waiapu, N.Z. Mustard-pot	12058	3 Oct.
Cotton, A. H., and another, Waiapu, N.Z. Shell or projectile	12074	7 Oct.
Cotton, D. W., and another, Westport, N.Z. Quicksilver injector	12146	2 Nov.
Cotton, D. W., and another, Westport, N.Z. Gold-saving block	12147	2 Nov.
Courcy, De. (See under D.)		
Courtney, C. F., and another, Broken Hill, N.S.W. Separator	11901	18 Aug.
Courtney, C. F., and another, Broken Hill, N.S.W. Separator	11902	18 Aug.
Courtney, C. F., and another, Broken Hill, N.S.W. Separator	11903	18 Aug.
Cowan, J., and others, Edinburgh, Scotland. Water tube boiler	12239	14 Dec.
Cox, Mary E., and another, Sydney, N.S.W. Hair-curler	11653	25 May.
Crawdock, E. H., and another, Auckland, N.Z. Attachment to meter to indicate leakage of gas	11540	14 April.
Crawford, R., Feilding, N.Z. Fencing tool	11671	5 June.
Crawford, R., and another, Belfast, Ireland. Scutching flax	12249	21 Dec.
Crook, R. A., Christchurch, N.Z. Punching fencing-standards	11440	10 Mar.
Crook, R. A., Christchurch, N.Z. Fencing standard	11518	10 April.
Crosbie, Talbot. (See under T.)		
Cross, W., Brisbane, Queensland. Preserving timber	11871	9 Aug.
Crosse, A. F., Johannesburg, S.A. Republic. Recovering gold	12053	5 Oct.