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

Name, Residence, and Invention.	No.	Date.
Thowless, O. M., Newark, U.S.A. (See H. E. Howland, No. 11527.)		
Thurnauer, L., Melbourne, Vic. Acetylene generator. (M. Graetz)	11612	11 May.
Tilburn, C., Dunedin, N.Z. Dredge	11995	18 Sept.
Timmis, I. A., London, Eng. Manufacture of food	11888	14 Aug.
Tindal, H., Amsterdam, Netherlands. Production of ozone	12071	9 Oct.
Tindal, H., Amsterdam, Netherlands. Sterilising liquids by ozone	12072	9 Oct.
Tindill, A., Wellington, N.Z. Boot heel. (The Revolving Heel Company; G. Wood)	11874	10 Aug.
Tingley, E. M. and another, Pittsburg, U.S.A. (See W. E. Hughes, No. 11356.)		
Tissington, G. E., and another, Sydney, N.S.W. Propelling bicycles	11852	3 Aug.
Todd, C., Heriot, N.Z. Recovering gold	12209	28 Nov.
Toft, E., and another, London, Eng. Sporting gloves	12237	14 Dec.
Tomline, R., and another, Christchurch, N.Z. Wool-press	12168	11 Nov.
Tomline, R., and another, Christchurch, N.Z. Seed-cleaning machinery	12103	18 Oct.
Tomline, R., and another, Christchurch, N.Z. Plough	12037	29 Sept.
Tomline, R., and another, Christchurch, N.Z. Sheet-metal shears	12097	16 Oct.
Tomline, R., and another, Christchurch, N.Z. Cycle toe-clip	12102	18 Oct.
Tomline, R., and others, Christchurch, N.Z. Apparatus for steeping grain	11783	13 July.
Toogood, W., Featherston, N.Z. Stripper for flax-dressing	11363	10 Feb.
Torr, J. A., Opotiki, N.Z. Washing and scouring liquid	11737	21 June.
Torrens, J., Auckland, N.Z. Fire-escape	11899	14 Aug.
Torrens, J., Auckland, N.Z. Button and pin	12060	3 Oct.
Torrens, J., Auckland, N.Z. Spittoon	12061	3 Oct.
Travis, W. H., Christchurch, N.Z. Horse-cover fastenings	11442	2 March.
Treadwell, A., Wellington, N.Z. Type-engraving process	11775	7 July.
Tremain, W., Auckland, N.Z. Safety draught-hook	12260	27 Dec.
Trengrove, W. H., Christchurch, N.Z. Gear-wheel	11774	5 July.
Trevaskis, W. P., and another, Benalla, Vic. Butter-box	11404	27 Feb.
Trevethick, J., and another, Auckland, N.Z. Billiard-table	11335	25 Jan.
Trevor, R. C., Christchurch, N.Z. Utilization of indiarubber	11351	31 Jan.
Trollope, H. C., and another, Wellington, N.Z. Tobacco-cutting machine	11908	21 Aug.
Trudgeon, W. T., Auckland, N.Z. Rein-holder	12096	16 Oct.
Turnbull, W., Wellington, N.Z. Drawing off fixed quantities of liquids	11386	18 Feb.
Turner, W. M., Toowoomba, Queensland. Horse-race starting-machine	11319	18 Jan.
Türr, R., Paris, France. (See Türr's Acetylene Gas Syndicate, Limited, Nos. 11396, 11397.)		
Turri, G. G., Melbourne, Vic. Printing-surface. (The American Lithographic Company; E. Hett)	12186	21 Nov.
Turri, G. G., Melbourne, Vic. Printing mechanism. (The American Lithographic Company; E. Hett)	12187	21 Nov.
Turri, G. G., Melbourne, Vic. Trunk or case. (M. Glover)	11511	6 April.
Turri, G. G., Melbourne, Vic. Transferring and printing mechanism. (The American Lithographic Company; E. Hett)	12185	21 Nov.
Türr's Acetylene Gas Syndicate (Limited), London, Eng. Acetylene-gas burner. (R. Türr)	11397	23 Feb.
Türr's Acetylene Gas Syndicate (Limited), London, Eng. Production and combustion of acetylene gas. (R. Türr.)	11396	23 Feb.
Tyree, W., Sydney, N.S.W. Acetylene-gas generator	11846	1 Aug.
Tyson, J., Rongahere, N.Z. Gold-saving and cloth-washing machine	11638	22 May.
Tzamis, A., Sydney, N.S.W. Stove for heating irons	12156	10 Nov.
Ulrich, C. A., Auckland, N.Z. Saving fine gold	11373	15 Feb.
Unwin, H. J., and another, Featherston, N.Z. Apparatus for stumping and logging	11516	5 April.
Vaile, E. B., Auckland, N.Z. Railway brake	11504	30 March.
Vaile, E. B., Auckland, N.Z. Music leaves	12095	16 Oct.
Vaile, E. B., and another, Auckland, N.Z. Envelope	11423	3 March.
Vaile, E. B., and another, Auckland, N.Z. Tap	11600	3 March.
Vaile, J. R., Auckland, N.Z. Ink- and pencil-eraser	11541	14 April.
Vaile, P. A., Auckland, N.Z. Connecting bridle-reins, &c.	11641	20 May,
Vaile, P. A., Auckland, N.Z. Boot for horses	11668	30 May.
Vaile, P. A., Auckland, N.Z. Pen nib	12042	30 Sept.
Vaile, P. A., Auckland, N.Z. Envelope	11423	3 March.
Vaile, P. A., and another, Auckland, N.Z. Tap	11600	5 May.
Van der Vijgh, A. H., and others, Amsterdam, Holland. Artificial stone	11677	6 June.
Van der Vijgh, G., and others, Amsterdam, Holland. Artificial stone	11677	6 June.
Van der Vijgh, H., and others, Amsterdam, Holland. Artificial stone	11677	6 June.
Venables, J., Christchurch, N.Z. Lead-headed nails	11384	15 Feb.
Vernon, J., Wanganui, N.Z. Ventilator for boots and shoes	11979	9 Sept.
Verschoyle, W. D., Auckland, N.Z. Vessel for containing edible substances	11287	4 Jan.
Vijgh, Van der. (See under Van.)		
Vogt, A., Vienna, Austria. Manufacture of electrical resistances	11648	*23 Aug.,'98
Vogt, A., and others, Vienna, Austria. Electrical resistances of artificial stone composition	11743	*24 Aug.,'98
Vogt, A., and others, Vienna, Austria. Electrical heating apparatus	11744	*24 Aug.,'98
Von Bechtolsheim, Baron, Munich, Germany. Milking apparatus	11491	29 March.
Von Linde, C., Munich, Germany. (See Oxyliquit Gesellschaft, No. 11802.)		
Wakelin, O., Ballance, N.Z. Marking butter-box	11654	25 May.
Walker, J. H., Christchurch, N.Z. Acetylene-gas generator	11646	23 May.
Walker, Tannett-. (See under T.)		
Walsh, J. D., Otakia, N.Z. Hair-pin	12073	10 Oct.
Walsh, J. D., Otakia, N.Z. Instrument for slaughtering cattle	12171	14 Nov.
Walton, F., London, England. Mosaic floor-cloth	11454	16 Mar.
Ward, C. H., and another, Sydney, N.S.W. Recovering gold from metallurgical fumes	12215	1 Dec.
Ward, C. H., and another, Sydney, N.S.W. Recovering gold from metallurgical fumes	12216	1 Dec.
Ward, J., Riversdale, N.Z. Gold-dredging bucket and screen	12110	20 Oct.
Warner, F. A., Hawera, N.Z. Knife-cleaner	12157	10 Nov.
Warren, J., Broken Hill, N.S.W. Pulveriser	11374	15 Feb.
Waters, E., jun., Melbourne, Victoria. Electric traction. (E. Bede)	11684	6 June.
Waters, E., jun., Melbourne, Victoria. Closing provision-tins. (A. W. Maconochie and W. Mackie)	11766	18 July.
Waters, E., jun., Melbourne, Victoria. Internal combustion engine. (G. Westinghouse and E. Ruud)	12002	20 Sept.
Waters, E., jun., Melbourne, Victoria. Machine for making printing bars. (The Linotype Company, Limited; O. Mergenthaler)	12027	28 Sept.