

## ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1900—continued.

Name, Residence, and Invention.	No.	Date.
Trommlitz Vote-register Company, The, Denver, U.S.A. Voting-machine. (G. W. Trommlitz and W. H. Powers)	12591	10 May.
Tropenas, A., Paris, France. Manufacture of steel .. .. .	13063	12 Oct.
Tropenas, A., Paris, France. Manufacture of steel .. .. .	12429	1 March.
Trotter, C. A., Opunake, N.Z. Ascertaining distances .. .. .	13042	5 Oct.
Trotter, C. A., Opunake, N.Z. Cramp .. .. .	12916	23 Aug.
Tuck, G. E. T., Auckland, N.Z. Hoisting-gear .. .. .	12874	16 Aug.
Tucker, F. H., Invercargill, N.Z. Brush for wetting paper .. .. .	12784	9 July.
Tunnichiffe, H. S., and another, Nelson, N.Z. Tire .. .. .	13147	8 Nov.
Turland, J. H., and others, Young, N.S.W. Harvesting-machine .. .. .	13070	15 Oct.
Turnbull, R., Wellington, N.Z. Conveying electrical energy to dredges. . . . .	13113	29 Oct.
Turner, E. E., and another, Sydney, N.S.W., and Melbourne, Vic. Tobacco-cutting machine. (H. Jones)	12384	15 Feb.
Turner, H., Blackwood, Vic. (See J. B. Cameron and P. R. Sutherland, No. 12840.)		
Turri, G. G., Melbourne, Vic. Flexible-rim wheel. (E. Olund and P. J. Cæsar) .. .. .	12780	12 July.
Twidle, A., Whangarei, N.Z. Sheet-metal shears .. .. .	13035	2 Oct.
Tyberg, O., and others, New York, U.S.A. (See American Cigar Machinery Company, No. 12763.)		
Tychsen, E. A., Oruawharo, N.Z. Cycle-driving mechanism .. .. .	12515	6 April.
Tyree, W., Sydney, N.S.W. Acetylene-generator .. .. .	13008	24 Sept.
Tyree, W., Sydney, N.S.W. Acetylene-lamp .. .. .	13009	24 Sept.
Tyrrell, J., jun., Queenstown, N.Z. Gold-saving ripples .. .. .	13090	20 Oct.
Tyrrell, J., jun., and another, Queenstown, N.Z. Spark-extinguisher .. .. .	12859	7 Aug.
United Shoe Machinery Company, Paterson, U.S.A. Stitch-forming and finishing machine. (E. F. Mower and P. A. Coupal)	12372	8 Feb.
United Shoe Machinery Company, Paterson, U.S.A. Pulling-over machine. (R. F. McFeely)	12790	17 July.
United Shoe Machinery Company, Paterson, U.S.A. Lasting-machine. (S. W. Ladd) .. .. .	12791	17 July.
United Shoe Machinery Company, Paterson, U.S.A. Boot and fastening. (L. A. Casgrain) .. .. .	12837	2 Aug.
United Shoe Machinery Company, Paterson, U.S.A. Machine for forming screw-threaded wire. (G. Goddu)	12947	4 Sept.
Universal Fuel Company, Chicago, U.S.A. Making coke. (J. Hemingway) .. .. .	12280	4 Jan.
Valentine, T., and others, Auckland, N.Z. Gas-generator .. .. .	13153	8 Nov.
Van Laak, L., and others, San Francisco, U.S.A. Manufacture of brooms from N.Z. flax .. .. .	13030	27 Sept.
Vaughan-Sherrin, J., Westminster, Eng. Manufacture of varnish, &c. .. .. .	12326	20 Jan.
Venables, W. J., Christchurch, N.Z. Bicycle-muff .. .. .	12564	24 April.
Verey, W. A., Oamaru, N.Z. Railway-road lever .. .. .	12449	6 March.
Victor Motor Company (Limited), Sydney, N.S.W. Igniter for gas-engine. (G. Ely)	12914	23 Aug.
Vincent, A., Normanby, N.Z. Ointment .. .. .	13054	11 Oct.
Vine, H. G., Wanganui, N.Z. Cash-book .. .. .	12962	7 Sept.
Vivian, T., Auckland, N.Z. Means for keeping salt in powdered state .. .. .	12403	20 Feb.
Voelker, W. L., London, Eng. Incandescing electric lamp .. .. .	12832	2 Aug.
Voelker, W. L., London, Eng. Incandescing electric-lamp filament .. .. .	12833	2 Aug.
Voelker, W. L., London, Eng. Incandescing electric-lamp filament .. .. .	12922	29 Aug.
Wales, R., and another, Dunedin, N.Z. Rope-coupling .. .. .	13215	4 Dec.
Wales, R., and another, Invercargill, N.Z. Shirt, and means of securing cuffs and collars thereto	12473	20 March.
Wales, R., and another, Invercargill, N.Z. Fastener for shirt-collar .. .. .	12474	20 March
Wales, R., and another, Invercargill, N.Z. Securing shirt collars, cuffs, &c. .. .. .	12504	4 April.
Walker, H. R., New Brighton, N.Z. Operating semaphores .. .. .	12862	11 Aug.
Walker, H. R., New Brighton, N.Z. Coupling-gear .. .. .	12975	12 Sept.
Walker, H. R., New Brighton, N.Z. Spark-arrester .. .. .	12976	12 Sept.
Walker, J. H., Charters Towers, Queensland. Syringe and reservoir .. .. .	12838	2 Aug.
Walsh, T., Kuri Bush, N.Z. Toothache cure .. .. .	12692	19 June.
Walton, H., and others, Maitauro, N.Z. Gold-saving mat .. .. .	12582	3 May.
Ward, A., and another, New York, U.S.A. Amalgamating-machine .. .. .	12665	6 June.
Ward, C. H., Melbourne, Vic. Treating ores .. .. .	12901	22 Aug.
Ward, H., Camberwell, Vic. Door-closing mechanism .. .. .	12416	22 Feb.
Ward, J., Invercargill, N.Z. Tobacco-pipe .. .. .	13106	23 Oct.
Waschatz, O., Richmond, Vic. Coffin .. .. .	12300	11 Jan.
Waterman, C. H., Pompton Plains, U.S.A. Process of enamelling .. .. .	12325	20 Jan.
Waters, E., jun., Melbourne, Vic. Steam-engine. (B. Ljungstrom) .. .. .	12478	21 March.
Waters, E., jun., Melbourne, Vic. Extracting precious metals from their ores. (Illinois Reduction Company—E. A. Smith and M. H. Lyng)	12679	13 June.
Waters, E., jun., Melbourne, Vic. Tanning and treating hides and skins. (R. Combret) .. .. .	12680	13 June.
Waters, E., jun., Melbourne, Vic. Acetylene-generator. (A. Hutton and E. W. Lancaster) .. .. .	12725	22 June.
Waters, E., jun., Melbourne, Vic. Treating sulphides. (A. Germot) .. .. .	12789	16 July.
Waters, E., jun., Melbourne, Vic. Fuel for spirit-stove. (Spirittine, Limited—B. Hoffman) .. .. .	12886	17 Aug.
Waters, E., jun., Melbourne, Vic. Railway-switch and semaphore apparatus. (F. L. Dodgson)	13182	23 Nov.
Waters, E., jun., Melbourne, Vic. Linotype machine. (Linotype Company, Limited—W. H. Lock, P. C. Lawless, F. C. Dolby, R. C. Elliott, and C. Holliswell)	13263	20 Dec.
Waters, E., jun., Melbourne, Vic. Mould for linotype machine. (Linotype Company, Limited—I. Hall)	13264	20 Dec.
Waters, E., jun., Melbourne, Vic. Matrices for linotype machine. (Linotype Company, Limited—W. H. Lock, M. Barr, W. J. Lewis, and G. W. Hughes)	13265	20 Dec.
Watkins, J. E., Tinwald, Canterbury, N.Z. Crane and friction-hoist for traction-engine .. .. .	12888	18 Aug.
Watson, G. A., Invercargill, N.Z. Tin-opener .. .. .	12921	24 Aug.
Watson, G. A., Invercargill, N.Z. Securing tops, &c., to tins .. .. .	12943	30 Aug.
Watson, G. A., Invercargill, N.Z. Ventilating ridge-capping .. .. .	12929	28 Aug.
Watt, J. B. C., Maitauro, N.Z. Separating gold .. .. .	12678	8 June
Watts, B. E., Wellington, N.Z. Displaying photos .. .. .	12366	5 Feb.
Wearn, J. S., and another, Addington, Canterbury, N.Z. Candle shade and reflector .. .. .	12769	7 July.
Webb, A. J., Healesville, Vic. Label .. .. .	12710	22 June.
Webendorfer, C. P., Sydney, N.S.W. Breach-loading small-arm. (N. Pieper) .. .. .	13166	15 Nov.
Webster, G., Parramatta, N.S.W. Extracting gold .. .. .	12313	18 Jan.
Weir, G., Adelaide, S.A. Ore-dressing machine .. .. .	12935	31 Aug.
Welsby, J., and another, Wellington, N.Z. Lead-heading nails .. .. .	12811	25 July.
Welsby, J., and another, Wellington, N.Z. Water-closet siphon .. .. .	13015	27 Sept.