

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1898—continued.

Name, Residence, and Invention.	No.	Date.
Vidal, H. R., Paris, France. Process for manufacturing alkaline cyanides and cyanated products	10798	21 July.
Villiers, S. J., and another, Melbourne, Vic. Tell-tale clock attachment	10802	22 July.
Vincent, A., Normanby, N.Z. Preserving apples	10454	23 March.
Volenite (Limited), London, Eng. Method and apparatus for vulcanising and oxidizing fibrous materials for insulating purposes. (F. Lamplough)	11074	17 Oct.
Von Welsbach, C. R. A., Vienna, Austria. Incandescence electric lamp	11159	14 Nov.
Voyce, W. E., Gisborne, N.Z. Egg-lifter	10931	25 Aug.
Wah, Wong Young. (See Wong Young Wah.)		
Wales, J., Newport, Vic. Apparatus for collecting and sedimenting auriferous slimes	10689	14 June.
Walker, A. S., and another, Auckland, N.Z. Gold- and silver-extraction	11242	17 Dec.
Walker, E., Christchurch, N.Z. Fencing-post	10887	17 Aug.
Walker, H. R., New Brighton, N.Z. Non-refillable bottle	11027	28 Sept.
Walker, J., and another, Dunedin, N.Z. Safety appliance for acetylene-gas generator	10648	31 May.
Walker, J. J. F., and another, Christchurch, N.Z. Toast-making apparatus	11062	13 Oct.
Walker, T. B., Leytonstone, Eng. Manufacture of folding boxes	10618	26 May.
Walker, T. B., Leytonstone, Eng. Cardboard box	10968	14 Sept.
Waller, G. A., and another, Zeehan, Tas. Percussion-table	11170	21 Nov.
Waller, R. F., and another, Zeehan, Tas. Percussion-table	11170	21 Nov.
Walliman, J., and others, Christchurch, N.Z. Mode of marking meat	11092	21 Oct.
Walters, W. B., Wellington, N.Z. Apparatus for concentrating milk	11196	26 Nov.
Wapshare, R., Narramore, Devonshire, Eng. (See E. T. D. Bell, No. 10998.)		
Warren, J. G., Gravesend, Kent, Eng. Golf-practice apparatus	10634	30 May.
Waterhouse, W., and others, Birmingham, Eng. Attaching wire fabrics to bedsteads, &c.	10388	28 Feb.
Waters, A. M., Gore, N.Z. Potato digger, bagger, and separator	11154	14 Nov.
Watson, W. W., Dunedin, N.Z. Reproducer for graphophone	10910	26 Aug.
Waugh, E., and another, Denver, U.S.A. Dry-ore concentrator and separator	10559	5 May.
Waugh, R. E., and another, Denver, U.S.A. Dry-ore concentrator and separator	10559	5 May.
Wearne, J. E., Waihi, Auckland, N.Z. Mining-cage extension-frame for shaft-sinking	10654	6 June.
Weber, M., Adelaide, S.A. Stamper-battery	11178	22 Nov.
Weeks, H. J., Christchurch, N.Z. Method of producing a plurality of half-tone printing-blocks of the same object	10639	31 May.
Welch, C. K., Coventry, Eng. Pneumatic tire	10811	6 Oct., '97*
Welch, C. K., Coventry, Eng. Wheel-tire	11075	4 May, '98*
Welch, C. K., Coventry, Eng. Wheel-rim	11076	5 July, '98*
Weld, S., Christchurch, N.Z. Medicinal compound	10861	10 Aug.
Wells, A. G., London, Eng. Grinding-mill	10739	28 June.
Wells, A. G., London, Eng. Ore-furnace	10845	3 Aug.
Welsbach, Von. (See under V.)		
Welsby, J., and another, Wellington, N.Z. Skylight	10761	8 July.
Welsby, J., and another, Wellington, N.Z. Apparatus for raising water	11045	10 Oct.
Welsby, J., and another, Wellington, N.Z. Water-closet siphon	11095	25 Oct.
Welsby, J., and another, Wellington, N.Z. Ball-cock for water-cistern	11096	25 Oct.
Welsby, J., and another, Wellington, N.Z. Valve for flushing water-closets and drawing off liquids	11231	13 Dec.
Westinghouse, G., Pittsburg, U.S.A. Rotary motor or pump	10564	5 May.
Wetherill, J. P., South Bethlehem, U.S.A. (See Metallurgische Gesellschaft, No. 10594.)		
Wetherwax, C., Best, N.Y., U.S.A. Process of removing gummy matters from vegetable fibres	10993	22 Sept.
Whitburn, D., Kuaotunu, A., N.Z. Combined knife, detonating-cap and fuse clinch, and cartridge-punch, for use in blasting operations	10904	17 Aug.
Whitburn, D., Auckland, N.Z. Scale attachment to compasses for defining distances between points of legs	11145	7 Nov.
Whitburn, S., Te Aroha, N.Z. Tack-holder	10858	5 Aug.
White, G., and another, Leicester, Eng. Producing coloured yarns	10897	22 Aug.
"White" Patent Rail Fastening Company (Limited), The, Adelaide, S.A. Rail-fastening. (R. A. White)	10851	8 Aug.
White, R. A., Adelaide, S.A. (See the "White" Patent Rail Fastening Company, Limited, No. 10851.)		
Whitefield, J., and another, Auckland, N.Z. Airtight closet-pan	10688	8 June.
Whitehead, E., and another, Auckland, N.Z. Machine for sewing mouths of bags or sacks when full	10906	20 Aug.
Whitelaw, A. A., and another, Wellington, N.Z. Toy cinematograph	10627	27 May.
Whitelaw, A. A., and another, Wellington, N.Z. Apparatus for calculating slide-valves	11211	5 Dec.
Whitney, A. C., Auckland, N.Z. Granulated gas-check for cartridge	10556	29 April.
Whittaker, A. J., Hawera, N.Z. Doormat-fastener	10642	2 June.
Wilbey, E. M., and another, Dunedin, N.Z. Invoice-form holder	11003	26 Sept.
Wilbey, E. M., and another, Dunedin, N.Z. Bicycle-brake	11050	10 Oct.
Wilkins, J., and another, Auckland, N.Z. Piston-wheel rotary steam-, gas-, or oil-engine	10813	21 July.
Wilkins, J., and another, Auckland, N.Z. Piston-wheel rotary steam-, gas-, or oil-engine	10912	23 Aug.
Wilkins, J., and another, Auckland, N.Z. Rotary steam-, gas-, or oil-engine	11238	13 Dec.
Wilkinson, R., Auckland, N.Z. Toe-plate	10826	25 July.
Williams, C., Masterton, N.Z. Wire-grip for fencing	10553	3 May.
Williams, C., Christchurch, N.Z. Machine for peeling and washing potatoes, turnips, &c.	10839	2 Aug.
Williams, H. E. B., Wellington, N.Z. Indigestion cure	11250	19 Dec.
Williams, H. G., and others, Dunedin, N.Z. Brush	10526	21 April.
Williams, H. W., Onehunga, N.Z. Clean-ing polish	10713	22 June.
Williams, W. F., London, Eng. Elastic tire	10651	1 June.
Williams, W. F., and another, Invercargill, N.Z. Cricket-pads	10385	23 Feb.
Williamson, G. H., Worcester, Eng. Cover and cutter for hermetically sealed metallic box	10292	17 Jan.
Williamson, W. A. S., Camberwell, Vic. Rabbit-trapping fence	11046	10 Oct.
Willmott, W., and another, Cooma, N.S.W. Operating mechanism for wool-press	11113	31 Oct.
Wilson, H., and another, Christchurch, N.Z. Split pulley	11222	8 Dec.
Wilson, T. C., Sydenham, N.Z. Gas-stove	10274	7 Jan.
Wilson, W. R., Narandera, N.S.W. Cultivator	10336	3 Feb.
Windham, F., and another, London, Eng. (See the Leather Pneumatic Tire Company, Limited, No. 10635.)		