

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

Name, Residence, and Invention.	No.	Date.
Waters, E., jun., Melbourne, Victoria. Linotype machine. (The Linotype Company, Limited)	12141	4 Nov.
Waters, E., jun., Melbourne, Victoria. Linotype machine. (The Linotype Company, Limited)	12142	4 Nov.
Watt, J. B. O., Dunedin, N.Z. Newspaper rack	11369	13 Feb.
Watts, D., Ballarat, Victoria. Two-speed gearing for cycle	11674	6 June.
Watty, F. J., and another, Wanganui, N.Z. Fire-escape ladder	11755	29 June.
Webb, G. B., Westfield, U.S.A. Measuring faucet	12047	4 Oct.
Webster, R. F., Pukekohe, N.Z. Horse-cover	11748	23 June.
Weiner, C. C., and others, Vienna, Austria. Electrical resistances of artificial stone composition	11743	*24 Aug.'98
Weiner, C. C., and others, Vienna, Austria. Electrical heating appliance	11744	*24 Aug.'98
Welsby, J., Wellington, N.Z. Dredging machinery	12242	18 Dec.
Welsby, J., and another, Wellington, N.Z. Spouting dies	11662	30 May.
Welsby, J., and another, Wellington, N.Z. Ball-cock for water-cistern	11719	16 June.
Welsby, J., and another, Wellington, N.Z. Raising water	11848	1 Aug.
Welsby, J., and another, Wellington, N.Z. Lead-heading nails	12117	26 Oct.
Werner, J., Lowburn Ferry, Otago, N.Z. Obtaining gold from river-beds	11977	12 Sept.
Westinghouse, G., Pittsburg, U.S.A. Electro-pneumatic controlling apparatus	11497	29 Mar.
Westinghouse, G., and another, Pittsburg, U.S.A. Securing core-plate in dynamo electric machinery	11659	29 May.
Westinghouse, G., and others, Pittsburg, U.S.A. Electric railway	11536	15 April.
Westinghouse, G., and another, Pittsburg, U.S.A. (See E. Waters, jun., No. 12002.)		
Wetherill, J. P., South Bethlehem, U.S.A. (See Metallurgische Gesellschaft, A. G., No. 11311.)		
Whelan, D. J., and another, Auckland, N.Z. Window-sash spring suspender	11332	18 Jan.
Whitburn, D., Auckland, N.Z. Leggings	12105	18 Oct.
Whitburn, D., Auckland, N.Z. Vegetable-cutter and grater	11945	31 Aug.
Whitburn, D., and another, Auckland, N.Z. Hair-curler	11931	23 Aug.
White, C., Wellington, N.Z. Acetylene-gas generator	11607	11 May.
White, J., and another, Dunedin, N.Z. Gold-saving apparatus	11768	5 July.
White, J. S., Dunedin, N.Z. Funnel for filling narrow-necked vessels	11637	16 May.
White, R. H., Wanganui, N.Z. Exchange-slip and coupon trading system	11667	31 May.
White, R. C., and another, Dunedin, N.Z. Gold-saving mat.	12240	11 Dec.
White, T., Rangiora, N.Z. Heating rooms, &c.	11420	2 March.
Whitehead, E. A., and another, Broken Hill, N.S.W. Valve operating apparatus	11896	15 Aug.
Whitehorn, T., and another, Melbourne, Vic. Cigarette mouthpiece-making machine	11431	9 March.
Whitelaw, A. A., Wellington, N.Z. Treadle attachment for linotype machine	11911	22 Aug.
Whitmore, E. H., and another, Invercargill, N.Z. Purifying water	12245	15 Dec.
Whitney, A. C., and another, Auckland, N.Z. Cleaner for breech-block of rifles	12076	10 Oct.
Whyte, D. A., Dunedin, N.Z. Safety stop valve and governor	11569	24 April.
Whyte, W. R., Wellington, N.Z. Typewriter	11928	25 Aug.
Wildbore, C. E., Pohangina, N.Z. Rein-holder	11336	4 Feb.
Willey, E. M., Dunedin, N.Z. Measuring liquids	11542	18 April.
Wildridge, J., Sydney, N.S.W. Sub-aqueous dredger	12238	14 Dec.
Wilkins, J., and others, Auckland, N.Z. Bicycle	11344	26 Jan.
Williams, C., Levin, N.Z. Appliance for washing and peeling potatoes, &c.	11597	1 May.
Williams, D., and another, Adelaide, S.A. Amalgamator	11347	1 Feb.
Williams, Elizabeth T., Picton, N.Z. Dress-making chart	11842	28 July.
Williams, R. K., Thames, N.Z. Filtering oil	11801	17 July.
Williams, R., and another, Hastings, N.Z. Cooling malt liquors	12126	26 Oct.
Williams, W. F., London, Eng. Tire and rim for wheel	11537	15 April.
Williamson, D. H., Wanganui, N.Z. Apparatus for rapid issue of railway-tickets	11885	17 Feb.
Willis, A. D., and another, Wanganui, N.Z. Photographic camera	11441	13 March.
Wilson, C. R., Christchurch, N.Z. Cycle driving-gear	11938	28 Aug.
Wilson, D., Wellington, N.Z. Envelope	11818	22 July.
Wilson, W. R., Narandera, N.S.W. Cultivator	11283	4 Jan.
Windle, C. H., Calcutta, India. (See W. E. Hughes, No. 12107.)		
Wireless Telegraph and Signal Company (Limited), The, London, Eng. Wireless telegraphy. (G. Marconi)	11550	22 April.
Wireless Telegraph and Signal Company (Limited), The, London, Eng. Wireless telegraphy. (G. Marconi)	11812	20 July.
Wiseman, J., Auckland, N.Z. Breeching attachment for horse cover	11329	19 Jan.
Withers, W., Palmerston North, N.Z. Fireplace screen	11387	9 March.
Wood, G., Burnley, Eng. (See A. Tindill, No. 11874.)		
Wood, W., Dunedin, N.Z. Gold-saving apparatus	11764	3 July.
Wood, W. H., and another, Philadelphia, U.S.A. (See Lanston Monotype Machine Company, No. 11816)		
Woodger, R. A., Wellington, N.Z. Fire-escape	11343	30 Jan.
Woods, P., Kawakawa, N.Z. Horse-cover attachments	12006	19 Sept.
Woolf, I., and another, Christchurch, N.Z. Scrubbing-brush	11880	9 Aug.
Woolhouse, G., Ross, N.Z. Feed-regulator for use in treating auriferous sand	11909	17 Aug.
Worthington, C. C., Westchester, U.S.A. Steam pump	11235	5 Jan.
Worthington, C. C., Dunnfield, U.S.A. Steam-engine	11664	1 June.
Wren, J., and another, Collingwood, Vic. Fan and motor therefor	11584	3 May.
Wright, G., and another, Wilkinsburg, U.S.A. (See J. P. Campbell, No. 11948)		
Wright, G., and another, Wilkinsburg, U.S.A. (See W. E. Hughes, No. 11941)		
Wright, G., Wilkinsburg, U.S.A. Switch for electric circuit	11425	7 March.
Wright, G., and another, Wilkinsburg, U.S.A. (See J. P. Campbell, No. 11897)		
Wright, G., and others, Wilkinsburg, U.S.A. Switch for electric circuit	11530	14 April.
Wright, G. and others, Wilkinsburg, U.S.A. Controller for electric motor	11731	22 June.
Wright, J., and others, Dunedin, N.Z. Mixing and preparing chemical manures	12066	6 Oct.
Wright, J., and another, Wellington, N.Z. Jug	12083	13 Oct.
Wright, W. W., Christchurch, N.Z. Animal-trap	11456	15 March.
Wright, W. H., Ontario, Canada. (See Wright's Taper-Roller Bearings Syndicate, Limited, No. 12025)		
Wright's Taper-Roller Bearings Syndicate (Limited), London, Eng. Roller-bearings. (W. H. Wright)	12025	28 Sept.
Wurts, A. J., and others, Pittsburg, U.S.A. Controller for electric motor	11731	22 June.
Wyatt, J., and another, Kaiwairua, N.Z. Apparatus for stumping and logging	11516	5 April.
Young, A., and another, Sydney, N.S.W. (See E. H. and H. A. Jull, No. 11432.)		
Young, W. P., and another, Dunedin, N.Z. Feed for seed drill	11940	31 Aug.
Zinsli, R., Stratford, N.Z. Horse-cover	11419	1 March.