

ALPHABETICAL LIST OF APPLICANTS FOR PATENTS FOR THE YEAR 1897—continued.

Name, Residence, and Invention.	No.	Date.
Hartley, W. H., and another, London, Eng. Pulverising apparatus	10179	3 Dec.
Hartt, J., and another, Perth, W. A. "X-radioscope"	10244	23 Dec.
Harvey, A. R., and another, Liverpool, Eng. Electrolyser	10094	4 Nov.
Harvey, G., Invercargill, N.Z. Wire-strainer	9848	27 Aug.
Harvey, J., Sydenham, N.Z. Wool-press	9289	20 Feb.
Harvey, J., Dunedin, N.Z. Letters, figures, and designs for educational purposes ..	9654	1 July.
Harvey, W. H., Westminster, Eng. (See the Incandescent Fire-mantel and Stove Company, Limited, No. 10249.)		
Harvey-Metcalf, J., Melbourne, Vic. Dickey	9566	25 May.
Haslam, J. J., Auckland, N.Z. Silt-punt	9726	24 July.
Hatch, J., Invercargill, N.Z. Lifting-jack	10093	4 Nov.
Hatch, W. P., and another, New York, U.S.A. Book type-writer	9890	10 Sept.
Hatfield, B., Dunedin, N.Z. Horse-collar	9240	22 Dec. '96.
Haviland, F. H., and another, Bournemouth, Eng. Acetylene-gas generator	9455	22 April.
Haviland, F. H., and others, Bournemouth, Eng. Manufacture of calcium-carbide ..	9306	26 Feb.
Hawke, T., Remuera, N.Z. Skeith-attachment to ploughs	9617	15 June.
Hayes, E., Rough Ridge, Otago, N.Z. Wheel	9374	3 March.
Hazard, J. J., London, Eng. Preservation of organic matters	10030	21 Oct.
Healy, M. C., Hughenden, Queensland. Raising water	9953	2 Oct.
Heberlein, F., and another, Pertusola, Italy. Treating sulphide ores of lead	9421	8 April.
Heck, J., Stawell, Vic. Hand sheep-shears	10159	25 Nov.
Hedge, H., Christchurch, N.Z. Fire-alarm	10154	23 Nov.
Hedley, T. A., and another, Yackandandah, Vic. Centrifugal pump	10165	26 Nov.
Heenan, D. J., Dunedin, N.Z. Tool for boring holes in ground for posts	10146	22 Nov.
Heighton, A. L., Wellington, N.Z. Fencing-standard	9331	8 March.
Heighton, A. L., Wellington, N.Z. Stencil-case for branding	10195	7 Dec.
Heighton, A. L., and another, Wellington, N.Z. Bicycle driving-gear	9227	26 Jan.
Henderson, F., and another, Auckland, N.Z. Electric ignition for engines	9748	29 July.
Henderson, F., and another, Auckland, N.Z. Valve-gearing for engines	9749	29 July.
Henderson, F., and another, Auckland, N.Z. Vaporizer for oil- or spirit-engine ..	9750	29 July.
Henderson, F., and another, Auckland, N.Z. Gas, oil, or internal-combustion engine ..	10231	15 Dec.
Henderson, J. A., and another, Christchurch, N.Z. Composition for railway-sleepers, &c.	9235	28 Jan.
Henry, F., Riverton, N.Z. Wire-strainer	9660	30 June.
Henry, W., Auckland, N.Z. Combined earth-scoop and cart	9303	24 Feb.
Hepburn, C. G., Sydney, N.S.W. Treating fats and oils	10171	1 Dec.
Hepburn, C. G. and another, Sydney, N.S.W. Refining fats and oils	9512	10 May.
Herdman, W. H., Warragul, Vic. Compressing wool, &c.	10204	9 Dec.
Heskett, T. J., and another, Adelaide, S.A. Manufacturing steel	9770	11 Aug.
Hesp, J. W., and others, Adelaide, S.A. Boot- or shoe-protector	9965	7 Oct.
Hicks, G. H., Mosgiel, N.Z. Blight- and insect-killer	9397	27 March.
Higgins, H., Cambridge, Eng. Treating "separated" milk	9445	14 April.
Hill, H., Westport, N.Z. Fish-plate	9479	5 April.
Hill-Jones, T., and another, London, Eng. Alimentary extract	9971	8 Oct.
Hilton, G. P., and another, Thames, N.Z. Plant-protector	9312	4 Aug.
Hinman, B. C., and another, New York, U.S.A. Extracting gold	9357	16 March.
Hitch, W., Christchurch, N.Z. Milk-strainer	10167	25 Nov.
Hitchen, T., Sydney, N.S.W. Oven	9803	18 Aug.
Hitchings, E., Christchurch, N.Z. Burnishing ink for leather	9218	20 Jan.
Hjorth, B. A., Stockholm, Sweden. (See J. G. Seymour and J. S. Chambers, No. 9579.)		
Hodsdon, H., Brisbane, Queensland. Totalisator or enumerating machine	10229	18 Dec.
Hogan, T., Wanganui, N.Z. Bridle	9728	23 July.
Hogan, T., Wanganui, N.Z. Saddle	9930	25 Sept.
Hogg, A., Dunedin, N.Z. Steam-engine	10028	16 Oct.
Hogg, J., Wanganui, N.Z. Fruit-picking apparatus	10106	14 Oct.
Holliday, T., Edgerton, Eng. Producing, storing, and utilising acetylene gas ..	9308	27 Feb.
Hollis, J., London, Eng. Bicycle-brake	9381	26 March.
Holloway, A., and others, Bournemouth, Eng. Manufacture of calcium-carbide ..	9306	26 Feb.
Holmes, F. E., and another, Auckland, N.Z. Door-check	9287	17 Feb.
Homes, H. S. D., Mangorei, N.Z. Plough	9903	20 Aug.
Hooker, L., Newtown, Sydney, N.S.W. Incandescent gaslight tassel	9707	21 July.
Hooker, L., Newtown, Sydney, N.S.W. Solution for making incandescent tassels, &c.	10176	2 Dec.
Hooper, W. C., and others, Adelaide, S.A. Boot- or shoe-protector	9965	7 Oct.
Horne, L., Blenheim, N.Z. Cycle chain-grip	10187	3 Dec.
Hornsby and Sons (Limited), R., Grantham, Eng. Plough. (J. Hornsby, J. Money, and W. Grice)	9315	1 March.
Hornsby, J., and others, Grantham, Eng. (See R. Hornsby and Sons, Limited, No. 9315.)		
Horsley, R. C. W., Invercargill, N.Z. Child's carriage	9521	10 May.
Horsley, R. C. W., Invercargill, N.Z. Pipe- or cigarette-holder	9605	8 June.
Hoskins, C. H., and another, Sydney, N.S.W. Joint for metal pipes	9771	11 Aug.
Hoskins, G. J., and another, Sydney, N.S.W. Joint for metal pipes	9771	11 Aug.
Hough, A., and another, San Francisco, U.S.A. Electrical or storage battery	9741	2 Aug.
Houston, J., and another, Hawera, N.Z. Ploughing and harrowing implement ..	10110	10 Nov.
Howden, T. G., Kew, Vic. Lighting an incandescent electric lamp	10046	23 Oct.
Howe, J. H., Christchurch, N.Z. Cycle-driving mechanism	9849	31 Aug.
Howe, J. H., Christchurch, N.Z. Gear-wheel	9850	31 Aug.
Hudson, F. M., and another, Christchurch, N.Z. Tire	9507	7 May.
Hughes, W. E., Wellington, N.Z. Wheel and axle. (E. L. Cantwell)	9790	13 Aug.
Hughes, W. E., Wellington, N.Z. Blasting-powder. (B.O.P. Powder Syndicate, Limited, G. de Wolf, B. C. Pettingell)	10059	27 Oct.
Hullett, A. C., and another, Christchurch, N.Z. Bicycle-pedal	9281	15 Feb.
Hullett, A. C., and another, Christchurch, N.Z. Bicycle-pedal attachment	9288	3 Feb.
Hume, R. D., Gold Beach, Oregon, U.S.A. Can-making machine	9673	12 July.
Huntington, T., and another, Pertusola, Italy. Treating sulphide ores of lead	9421	8 April.
Hyde, W., Wellington, N.Z. Jug-cover	9846	1 Sept.
Imperial Writing-machine Company (Limited), The, Montreal, Canada. Typewriting-machine.	10089	4 Nov.
(W. P. Kidder)		
Incandescent Fire-mantel and Stove Company (Limited), London, Eng. Fireplace devices.	10249	23 Dec.
(W. H. Harvey)		