

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

Name, Residence, and Invention.	No.	Date.
Hooker, Lucy, Sydney, N.S.W. Incandescent illuminating apparatus	11057	13 Oct.
Hope, G. H., South Yarra, Vic. Smoke-consumer and fuel-economiser. (C. H. Gould) ..	10895	20 Aug.
Hopkins, J., Timaru, N.Z. Sparrow-trap	10999	24 Sept.
Hopkinson, J., Bradford, York, Eng. (See Lanoscap, Limited, No. 11016.) ..		
Horton, C. A., and another, Brunswick, Vic. Bicycle driving-gear	10532	27 April.
Horton, C. A., and others, Brunswick, Vic. Bicycle driving-gear	11053	11 Oct.
House, H., Christchurch, N.Z. Grain and seed cleaning and separating machine ..	11088	19 Oct.
Howard, A., San Francisco, U.S.A. Motive engine	11254	20 Dec.
Howard, A., San Francisco, U.S.A. Induction-valve for motive engine	11255	20 Dec.
Howard, A., San Francisco, U.S.A. Shearing-machine	11256	20 Dec.
Howard, A., San Francisco, U.S.A. Propeller	11257	20 Dec.
Howard, A., and another, San Francisco, U.S.A. Converting energy of fuel and an expansion medium into power	11258	20 Dec.
Howard, T. B., and another, Auckland, N.Z. Rotary engine	10419	4 March.
Howard, T. B., and another, Auckland, N.Z. Rotary engine	10481	1 April.
Howden, T. G., Kew, Melbourne, Vic. Speed-governor and clutch-gear	10533	27 April.
Howe, C. S., and another, Cleveland, Ohio, U.S.A. Leak-repairing composition for pneumatic tire ..	10330	31 Jan.
Howe, G., and another, Palmerston North, N.Z. Blackboard-stand	10941	3 Sept.
Howell, F., Dunedin, N.Z. Leaf-holder	10731	24 June.
Hudson, J., and another, Sydenham, Canterbury, N.Z. Point or switch for overhead rails ..	10397	1 March.
Hughes, W. E., Wellington, N.Z. Leaf-stemming machine. (J. E. Evans-Jackson) ..	10306	21 Jan.
Hughes, W. E., Wellington, N.Z. Fertiliser-distributor for seed-drill. (J. G. Turton) ..	10921	29 Aug.
Hughes, W. E., Wellington, N.Z. Artificial fuel. (The Petolite Fuel Syndicate, Limited, and J. W. Leadbeater)	11013	28 Sept.
Hughes, W. E., Wellington, N.Z. Constructing floors. (E. Jensen)	11156	14 Nov.
Hughes, W. E., Wellington, N.Z. Manufacturing concrete pipes. (E. Jensen)	11163	15 Nov.
Hull, F., Auckland, N.Z. Shipping boat-rudders	10696	13 June.
Hull, F., Auckland, N.Z. Shipping boat-rudders	10846	2 Aug.
Hulls, A. E., Moonee Ponds, Vic. Rubber tire	10953	8 Sept.
Humble, T. S., Geelong, Vic. (See W. Humble and W. Nicholson, No. 10690.) ..		
Humble, W., and another, Geelong, Vic. Monkey-plate and ram for baling-press. (T. S. Humble)	10690	14 June.
Humphreys, R. C., Palmerston North, N.Z. Bench-cramp or work-holder	11166	17 Nov.
Humphreys, W. H., Wavertree, Lancaster, Eng. Tire	10584	13 May.
Hunter, A. G. K., and another, Dunedin, N.Z. Flax-dressing machine	10318	25 Jan.
Hupton, H. E., and others, Brighton, Eng. Indicating and recording distance, time, and fare for vehicles	10754	7 July.
Hutcheson, J., Wellington, N.Z. Fire-escape ladder	11279	31 Dec.
Hutton, G. B., and another, Auckland, N.Z. Soap-holder	10269	31 Dec., '97
Hutton, G. B., and another, Auckland, N.Z. Clothes-peg	10313	17 Jan.
Inder, A. E., and others, Dunedin, N.Z. Machine-belt fastener	10633	30 May.
Inder, C. J., and others, Dunedin, N.Z. Machine-belt fastener	10633	30 May.
Internationale Hydro-Press-Gas Compagnie Gesellschaft mit Beschränkter Haftung, Hamburg, Germany. Gas-compressing and pressure-regulating apparatus for incandescent lighting. (G. Rothgiesser)	10799	21 July.
Iorns, C. R., and another, Stoke Newington, London, Eng. Blind	10814	26 July.
Isitt, F., Leichhardt, Sydney, N.S.W. Illuminating appliance to be used with a Bunsen or other burner	10597	17 May.
Ives, C., East Molesey, Surrey, Eng. Forming rubber- or gutta-percha-like substance from gelatine ..	10900	4 Feb.*
Ives, H. L., and another, St. Albans, Christchurch, N.Z. Advertising-signs	10465	7 April.
Izard, C. H., Wellington, N.Z. Treating animal fats. (J. N. Harris)	11183	25 Nov.
Jack, A., and another, Palmerston North, N.Z. Milk cooler and aerator	11173	22 Nov.
Jack, A., and another, Palmerston North, N.Z. Drawing off liquids	11174	22 Nov.
Jackson, Evans-. (See under E.)		
Jackson, J. A., and another, Dunedin, N.Z. Cigar or cigarette	11109	27 Oct.
Jacobsen, T. B., Thames, Auckland, N.Z. Safety-grip for lifts, &c.	10796	20 July.
James, U. S., Helena, Montana, U.S.A. (See Parke and Lacy Company, No. 10991.) ..		
James, W. F., Wellington, N.Z. Totalisator	11103	29 Oct.
Jameson, S. G., and another, Brisbane, Queensland. Enumerating-machine	10888	19 Aug.
Jamieson, R. H., Sydney, N.S.W. Acetylene-gas generator	10435	18 March.
Jamieson, W., Melbourne, Vic. Separating ores from gangue	11143	10 Nov.
Jamieson, W., Melbourne, Vic. Separating ores from gangue	11218	8 Dec.
Jandus, W., Cleveland, Ohio, U.S.A. Arc lamp	10322	27 Jan.
Jenkins, D. C., Ballarat, Vic. Draw-off tap for kerosene-tins, &c.	11031	5 Oct.
Jennet, J., and another, Christchurch, N.Z. Appliance for cleaning the rails of tram-cars ..	10762	7 July.
Jennings, W., Beechworth, Vic. Raising gravel, &c.	10574	10 May.
Jensen, E., Copenhagen, Denmark. (See W. E. Hughes, No. 11156.)		
Jensen, E., Copenhagen, Denmark. (See W. E. Hughes, No. 11163.)		
Johnson, F. A., and another, Wellington, N.Z. Torch-lamp	10988	20 Sept.
Johnson, I., and another, Wellington, N.Z. Torch-lamp	10988	20 Sept.
Johnston, A., Devonport, Auckland, N.Z. Lifting liquid by means of a partial vacuum ..	10391	25 Feb.
Johnston, Kent-. (See under K.)		
Johnston, P. C., Marrickville, N.S.W. Treating leather to render it less liable to puncture ..	11141	10 Nov.
Jonas, Florence N., and another, Fitzroy, Vic. Photographing on china, &c.	10879	17 Aug.
Jonasen, M. P., and another, Christchurch, N.Z. Hydraulic ram	10383	21 Feb.
Jonasen, M. P., and another, Christchurch, N.Z. Hydraulic ram	10765	8 July.
Jones, A. R., Drummond, Invercargill, N.Z. Tallow-lamp	10547	29 April.
Jones, Gordon-. (See under G.)		
Jones, H., and another, Marrickville, N.S.W. (See A. H. Nathan, No. 10657.) ..		
Jones, W., Footscray, Vic. Cartridge-wad	11043	10 Oct.
Juriss, W., Christchurch, N.Z. Spanner for hose-coupling	10358	12 Feb.
Kay, A., Salford, Manchester, Eng. Generation and storage of acetylene gas	10764	8 July.
Keir, J., Christchurch, N.Z. Feed for agricultural drills and sowers	10916	26 Aug.
Kellie, J., Woolston, Canterbury, N.Z. Tire	10763	7 July.
Kellogg, J. H., Battle Creek, U.S.A. Alimentary product,	10617	26 May.
Kelly, J., jun., Bell Block, Taranaki, N.Z. Grain reels or beaters for reaping-and-binding machinery	10453	19 March.