

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

Name, Residence, and Invention.	No.	Date.
Rodgers, J. G., Springfield, U.S.A. Manufacture of rubber tires	12128	28 Oct.
Roeback, W. J., Dunedin, N.Z. Gold-saving screen	11596	5 May.
Rogers, G. T., and another, Sydney, N.S.W. Metal-sheet moulding machine	11614	12 May.
Roseman, S. G., Wellington, N.Z. Brush	11579	3 May.
Rosenberg, C. O., Wellington, N.Z. Subdivider for use of artists	12017	27 Sept.
Ross, A., and another, Invercargill, N.Z. Flax heckling-machine	11619	9 May.
Ross, E. S., Hobart, Tasmania. Umbrella	11586	4 May.
Ross, G., Dunedin, N.Z. Boots	11544	18 April.
Ross, W., and another, Invercargill, N.Z. Flax heckling-machine	11619	9 May.
Ross-Lewin, G. E., and others, Denver, U.S.A. Rock-drill	12122	27 Oct.
Roth, J. J., Sydney, N.S.W. Soap-cake and advertising-tablet	12177	15 Nov.
Rowe, G. R., and another, Auckland, N.Z. Billiard-table	11835	25 Jan.
Rowe, N., Wilkesburg, U.S.A. Regulation of electro-motive force	11690	8 June.
Rudd, E. W., Melbourne, Vic. Gear and motor for self-propelled vehicle. (W. Baines)	12252	21 Dec.
Ruping, E., and another, Bremerhaven, Germany. Preserving perishable food	11900	18 Aug.
Rust, A. M., Whangarei Heads, N.Z. Controlling marine-engines	12067	6 Oct.
Rund, E., and another, Chicago, U.S.A. (See E. Waters, jun., No. 12002.)		
Salomon, M., Aldenhoven, Germany. (See W. E. Hughes, No. 11834.)		
Saltmarsh, H. A., Brisbane, Queensland. River-bed mining apparatus	11498	30 March.
Salzenberg, E., Orefeld, Germany. (See Kugellicht Gesellschaft, No. 11559.)		
Sanders, R. D., Eastbourne, Eng. Manufacture of wire	11813	20 July.
Sandford, W., and others, Lithgow, N.S.W. Rail-joint	11367	10 Feb.
Sandlant, T., Gisborne, N.Z. Propeller	11876	3 Aug.
Sandow, E., London, Eng. Dumb-bell	12256	21 Dec.
Sankey, H., and another, Auckland, N.Z. Treating flax	11408	27 Feb.
Sankey, H., and another, Auckland, N.Z. Extracting oil from vegetable substances	11445	15 March.
Sankey, H., and another, Auckland, N.Z. Treating flax	12165	11 Nov.
Saunders, A., London, Eng. (See F. C. Saunders, No. 11958.)		
Saunders, F. C., St. Kilda, Vic. Framing or support for bottles, &c. (A. Saunders)	11958	4 Sept.
Savage, A. E., Cockle Creek, N.S.W. Treating zinc-bearing ores	12069	9 Oct.
Schadick, J. F. W. H., Westport, N.Z. Nut and washer	11362	12 Jan.
Schadick, J. F. W. H., and another, Westport, N.Z. Quicksilver-injector	12146	2 Nov.
Schadick, J. F. W. H., and another, Westport, N.Z. Gold-saving block	12147	2 Nov.
Schilz, E., Johannesburg, S.A. Republic. Treating ores	12098	18 Oct.
Schlaadt, H., Dunedin, N.Z. Fencing-standard	11430	3 March.
Schlaadt, J. A., and another, Dunedin, N.Z. Prospecting apparatus	12230	6 Dec.
Schmidt, A. P., and another, Invercargill, N.Z. Rabbit-crate	11490	24 March.
Schmidt, A. P., and another, Invercargill, N.Z. Rabbit-crate	11563	22 April.
Schmoll, E., and another, Christchurch, N.Z. Boot or shoe	11317	14 Jan.
Schmoll, L., and another, Christchurch, N.Z. Boot or shoe	11317	14 Jan.
Schmucker, A. P., and others, Denver, U.S.A. Rock-drill	12122	27 Oct.
Schnée, C. E., Karlsbad, Austria. Electric-bath apparatus	11922	24 Aug.
Schneider, Henrietta, Christchurch, N.Z. Corset	11639	20 May.
Scott, C. F., Pittsburg, U.S.A. Electrical distribution	11533	15 April.
Scott, C. F., Pittsburg, U.S.A. Electrical distribution	11615	12 May.
Scott, C. F., and another, Pittsburg, U.S.A. Regulation of electro-motive force	11468	21 March.
Scott, C. F., and others, Pittsburg, U.S.A. Switch for electric circuit	11530	14 April.
Scott, H. A., Christchurch, N.Z. Sinking post-holes	11400	22 Feb.
Sears, J. J., Sydney, N.S.W. Weighing- and computing-scale	11589	4 May.
Seaton, D. M., San Francisco, U.S.A. Loom	12121	27 Oct.
Secor, J. A., New York, U.S.A. Marine propulsion	12024	3 Oct.
Sebillot, A. M. G., Paris, France. Dressing zinc ores	12137	3 Nov.
Sedcole, H., Wellington, N.Z. Wool press	11381	16 Feb.
Seffer, J., Queenstown, N.Z. Bicycle tire-protector	11405	11 March.
Seligmann-Lui, G., Paris, France. (See The Automatic Telephone Company (Limited), No. 11698.)		
Sell, A., Ellimint, Vic. (See L. M. Calvert, No. 11305.)		
Seymour, E., Chicago, U.S.A. Rotary engine	11571	28 April.
Shadgett, Eliza, Petone, N.Z. Draft-increaser for fireplace	11971	9 Sept.
Shale, T., Dunedin, N.Z. Dredging machinery	11957	4 Sept.
Shale, T., Dunedin, N.Z. Dredge	11976	12 Sept.
Shale, T., Dunedin, N.Z. Pasteurising and cooling milk	12051	2 Oct.
Shallenberger, M. W., and another, Rochester, U.S.A. (See W. E. Hughes, No. 11356.)		
Shaw, E., London, Eng. Manufacture of sweetmeats	12270	30 Dec.
Shaw, S. W., New Plymouth, N.Z. Fence. (J. and C. Lane)	11414	3 March.
Shaw, W. E., Sydney, N.S.W. Lid or cover for vessels	12092	16 Oct.
Shears, B., Geraldine, N.Z. Disc-arrow	11882	10 Aug.
Shepherd, J., Invercargill, N.Z. Timber-measurer	12217	30 Nov.
Shepherd, J., Invercargill, N.Z. Bullet-resisting garment	11893	15 Aug.
Shore, W. A., Dunedin, N.Z. Gold-saving mat	11616	12 May.
Shore, W. A., and another, Dunedin, N.Z. Gold-saving apparatus	11768	5 July.
Shorland, J. O., and another, Wellington, N.Z. Water-heating apparatus	11827	25 July.
Shorland, J. O., and another, Wellington, N.Z. Water-heating apparatus	11626	16 May.
Short, H. L., New Malden, Eng. Increasing sound from telephonic instrument	11680	6 June.
Siemsglüss, G., and another, Walsrode, Germany. Milking-machine	11438	11 March.
Siemsglüss, G., and another, Walsrode, Germany. Process and apparatus for milking	11439	11 March.
Silcocks, E., and others, Sydney, N.S.W. Rail-joint	11367	10 Feb.
Silley, J. H., and another, Sydney, N.S.W. Shearing-machine	11451	16 March.
Simon, J., and another, Dunedin, N.Z. Boot or shoe	12026	28 Sept.
Simon, J. P., and another, Dunedin, N.Z. Boot or shoe	12026	28 Sept.
Simultaneous Colour-printing Syndicate (Limited), The, and another, London, Eng. Poly-chrome printing-machine	11461	20 March.
Sinclair, A., Patea, N.Z. Cask-stave jointing machine	11997	19 Jan. '00.
Singer, I., and another, Petone, N.Z. Preparing and putting up colouring matters	11463	21 March.
Skeates, T. S., Auckland, N.Z. Horse- or cow-cover	11573	28 April.
Small, J., Port Chalmers, N.Z. Prospector and gold-saver	12198	21 Nov.
Smale, R. H., and others, Blenheim, N.Z. Dressing flax	11592	3 May.
Smart, W., and others, Linwood, N.Z. Cutter and perforator for printing-machinery	11457	18 March.
Smethurst, E., Christchurch, N.Z. Securing fencing-wires	11447	14 March.