

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

Name, Residence, and Invention.	No.	Date.
Smethurst, E., Christchurch, N.Z. Regulating the heat of cooking-ovens	12223	4 Dec.
Smith, Brooke-. (See under B.)		
Smith, A., Dannevirke, N.Z. Cleaning sheep-dags	12269	29 Dec.
Smith, A., Wakatipu, N.Z. Dammings rivers for gold-mining	11739	12 July.
Smith, A. L., and another, Mornington, N.Z. Feed for seed-drills	11940	31 Aug.
Smith, H., and others, Linwood, N.Z. Cutter and perforator for printing-machinery ..	11457	18 March.
Smith, I., Nottingham, Eng. Meter, motor, or pump	12191	23 Nov.
Smith, I., Nottingham, Eng. Meter, motor, or pump	11706	12 June.
Smith, J., Salt Lake City, U.S.A. Treating ores	12163	10 Nov.
Smith, R. S., and another, Wellington, N.Z. Separating gold from sand, &c. ..	12104	20 Oct.
Smith, T., Tamworth, N.S.W. Bridle	11872	9 Aug.
Somes, H. A., Sydney, N.S.W. Manufacture of fertilisers from blood	11629	18 May.
Somes, H. A., Sydney, N.S.W. Manufacture of fertilisers from digester soup ..	11630	18 May.
Somes, H. A., Sydney, N.S.W. Meat extract	11631	18 May.
Sommer, A., Cambridge, U.S.A. Solutions of carbamides in oils, &c.	12155	8 Nov.
Soper, W. F., and another, Christchurch, N.Z. Ash-pan and cinder-sieve ..	11789	12 July.
Soule, Merrell. (See under M.)		
Sparrow, F., and another, Fitzroy, Vic. Hand-shield for cyclists	11590	4 May.
Spear, T., Gore, N.Z. Gold-saving apparatus	12018	27 Sept.
Speight, J., Kirwee, N.Z. Steam tubular motor	11784	12 July.
Stahlecker, C., Sydney, N.S.W. Attachment to clock for recording events	11978	13 Sept.
Stamm, W., London, Eng. Ball grinding-mill. (H. L. Sulman)	11650	25 May.
Standfield, E. R., Melbourne, Vic. Dish-cover	11836	27 July.
Stanley, F. E., and another, Newton, U.S.A. (See A. L. Barber, No. 11862.) ..		
Stanley, F. O., and another, Newton, U.S.A. (See A. L. Barber, No. 11862.) ..		
Stanley, J. C. W., and others, London, Eng. Extracting oil	11416	3 March.
Stenson, W. H., Oamaru, N.Z. Lifting-jack	11482	22 Mar.
Steiger, J., London, Eng. Manufacture of cement	12178	15 Nov.
Stenhouse, A., and another, Broken Hill, N.S.W. Valve operating apparatus ..	11896	15 Aug.
Stephenson, J. F., Glenferrie, Vic. Supporting frame of bedstead	11705	12 June.
Stephenson, P., Greymouth, N.Z. Fire-escape	11485	27 Mar.
Sterne, A. J., New York, U.S.A. Igniting device for gas-burner	11765	3 July.
Stevens, A., and another, London, Eng. Vehicle-brake	12120	27 Oct.
Stevens, E., Melbourne, Vic. Fire-shutter or -screen	11863	5 Aug.
Stevens, R., Christchurch, N.Z. Preventing person's foot from becoming wedged in railway-points	11428	7 Mar.
Stevens, W. J., Christchurch, N.Z. Opening and closing doors of cabs, &c. ..	11918	21 Aug.
Stevenson, G., Dunedin, N.Z. Steam-engine	11672	5 June.
Stevenson, J. T. W., and another, Auckland, N.Z. Brickmaking-machine	12039	2 Oct.
Stevenson, T., Dunedin, N.Z. Centrifugal pump	11761	30 June.
Stevenson, W., Dunedin, N.Z. Rabbit-crate	11484	27 Mar.
Steward, J. F., and another, Chicago, U.S.A. (See Deering Harvester Company, No. 11529.)		
Stewart, R. T., Waikaiti, Otago, N.Z. Cycle	11289	6 Jan.
St. George, R., Otahuhu, N.Z. Plough	12136	30 Oct.
Stirling Boiler Company (Limited), and another, Edinburgh, Scotland. Water tube boiler	12239	14 Dec.
Stock, W., and another, Hastings, N.Z. Cooling malt liquors	12126	26 Oct.
Stonyer, J. W., Linwood, N.Z. Seed-feeder for agricultural drill	12050	2 Oct.
Stonyer, J. W., Linwood, N.Z. Seed-feeder for agricultural drill	12101	16 Oct.
Storrie, A., Invercargill, N.Z. Seed-sower and cultivator	11411	28 Feb.
Storrie, A., Invercargill, N.Z. Seed-sower	11933	26 Aug.
Story, J. W., and another, Melbourne, Vic. Rabbit-crate	11855	3 Aug.
Strawbridge, H., Waihakeke, N.Z. Blight exterminator	12075	12 Oct.
Stuart, D., Auckland, N.Z. Knife-cleaner	12207	28 Nov.
Stubbs, F., and another, Sheffield, Eng. Treating ores	11486	28 Mar.
Stubbs, F., and another, Sheffield, Eng. Precipitation of gold	11556	26 April.
Stumpf, J., Berlin, Germany. (See Fraser and Chalmers, Limited, No. 12119.) ..		
Sulman, H. L., London, Eng. Obtaining gold from its ores	11394	23 Feb.
Sulman, H. L., London, Eng. (See W. Stamm, No. 11650.)		
Sutton, H. A. C., Flemington, Vic. Upholstered chair-seat	11446	15 Mar.
Swann, J., and another, Brim, Vic. Elevator for loading bags of wheat, &c. ..	12228	7 Dec.
Sweet, L. D., and others, Denver, U.S.A. Rock-drill	12122	27 Oct.
Symes, H., Dunedin, N.Z. Gold-saving apparatus	11769	5 July.
Symington, J., Glasgow, Scotland. Pumping- and winding machinery	11358	2 Feb.
Tait, A. L. J., Dunedin, N.Z. Dressing fibre	11422	2 Mar.
Tait, A. L. J., Dunedin, N.Z. Pot-cleaning instrument	12183	16 Nov.
Talbot-Crosbie, J. B., and another, Renfrew, Scotland. Refrigerating apparatus	11800	17 July.
Tandy, C., Wellington, N.Z. Horse-shoe	12180	16 Nov.
Tannett-Walker, F. W., and another, Leeds, Eng. Refrigerating-machine	11392	23 Feb.
Taylor, A., Orepuki, N.Z. Tin-opener	11937	21 Aug.
Taylor, F. C., New York, U.S.A. Printing in several colours at one impression ..	11975	7 Sept.
Taylor, J., Dunedin, N.Z. Rabbit-crate	11543	18 April.
Taylor, J. M., and another, Christchurch, N.Z. Acetylene-gas generator	11881	9 Aug.
Taylor, J. M., and another, Christchurch, N.Z. Water-closet flushing-cistern ..	12234	12 Dec.
Taylor, T. L., Melbourne, Vic. Advertisement display	11710	12 June.
Temperley, J., Marton, N.Z. Strapping horse or cow-covers	11776	8 July.
Terry, C. A., and others, New York, U.S.A. Electric railway	11536	15 April.
Tevlev, T., Kisslovodsk, Russia. Explosive	11718	16 June.
Theilgaard, A. E. J. V. J., Copenhagen, Denmark. Disulcanising indiarubber ..	11707	12 June.
Thomas, A. C., and another, Liverpool, Eng. Suspender for billiard-chalks	11455	16 March.
Thomas, E., Auckland, N.Z. Stopping growth of marketable onions	12244	15 Dec.
Thomas, E. W., and another, Sydney, N.S.W. Recovering gold from metallurgical fumes	12215	1 Dec.
Thomas, E. W., and another, Sydney, N.S.W. Recovering gold from metallurgical fumes	12216	1 Dec.
Thomas, J., London, Eng. Saddle-clip for cycle	12200	21 Nov.
Thompson, T., and another, Invercargill, N.Z. Rabbit-crate	11658	23 May.
Thomson, G. L., Auckland, N.Z. Covering for grain-stacks, &c.	11510	5 April.
Thomson, J., Invercargill, N.Z. Lifting gold from rocky bottoms	12222	2 Dec.
Thomson, J. R., and another, Sydney, N.S.W. Propelling bicycles	11852	3 Aug.
Thomson, W., and another, Christchurch, N.Z. Furnace-boiler for baker's oven	11970	7 Sept.
Thornley, W., and others, Marrickville, N.S.W. Rail-joint	11367	10 Feb.