

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

Name, Residence, and Invention.	No.	Date.
Salenius, E. G. N., Stockholm, Sweden. Manufacturing butter	9442	14 April.
Sanche, H., New York, U.S.A. Utilising dynamic energies of matter	9875	8 Sept.
Sanderson, C. J., and another, Thames, N.Z. Plant-protector	9812	4 Aug.
Sanderson, T. C., London, Eng. Manufacture of white-lead	9972	8 Oct.
Sandilands, W. A., and another, Feilding, N.Z. Sash-fastener	9973	8 Oct.
Sandlant, J., Gisborne, N.Z. Window-frame and -sash	9746	8 Aug.
Sandlant, W., Gisborne, N.Z. Candle-guard	9764	11 Aug.
Sargent, I., Ashburton, N.Z. Drill for sowing seed with manure	9651	7 June.
Saunders, A., Brighton, Eng. Cheese-cutting apparatus	9497	6 May.
Saville, R. E., Christchurch, N.Z. Advertising medium in form of a tricycle	9400	24 March.
Sayles, F. D., Akaroa, N.Z. Horse-cover	10003	18 Oct.
Scarth, J. W., and another, Pudsey, York, Eng. Generating acetylene gas	10158	25 Nov.
Schaefer, A. W., Greymouth, N.Z. Producing bas-relief photographs	10156	18 Nov.
Schatz, L., and another, Wellington, N.Z. Anti-refilling bottle	9667	9 July.
Schloesser, R., Melbourne, Vic. Ventilating mines	9857	2 Sept.
Schmidt, A. P., Woodlands, Southland, N.Z. Milk-can lid	9996	28 Sept.
Schmidt, J. L., and others, Young, N.S.W. Producing and distributing acetylene gas	10127	10 Nov.
Schmoll, E., and another, Christchurch, N.Z. Cycle-propelling mechanism	9488	1 May.
Schmoll, L., and another, Christchurch, N.Z. Cycle-propelling mechanism	9488	1 May.
Schodt, P. G. De. (See under D.)		
Schoeneberg, F. H., and others, Wellington, N.Z. Registering votes at elections	10233	20 Dec.
Schoenfelder, E. P., and another, Newark, U.S.A. Photographic camera	9193	14 Jan.
Scofield, R. J., Manchester, Eng. Locating punctures in tires	9211	21 Jan.
Scott, H. J. C., Hawera, N.Z. Carving wood	10148	22 Nov.
Scott, J. L., and another, Christchurch, N.Z. Indicating cost of goods sold by lineal measurement	9256	4 Feb.
Scott, J. W., Albionville, Queensland. Curing hides	9249	4 Feb.
Scott, M., Opawa, N.Z. Cycle propelling gear	9241	12 Jan.
Scott, M., Opawa, N.Z. Cycle propelling-gear	9242	12 Jan.
Scott, M., Rangiora, N.Z. Water-filter	9332	5 March.
Scott, M., Opawa, N.Z. Cycle driving-gear	9562	21 May.
Scott, M., Opawa, N.Z. Cycle driving-gear	9594	2 June.
Scott, M., Opawa, N.Z. Double-seated bicycle	10211	11 Dec.
Scott, R. M., and another, Sydney, N.S.W. Breaking up submarine rocks	10116	11 Nov.
Scully, W. R., Christchurch, N.Z. Lasting-pliers	9438	9 April.
Scully, W. R., Christchurch, N.Z. Boot-last	9828	24 Aug.
Searle, C., and another, Bridgewater, Tasmania. Match-box holder	10088	4 Nov.
Seelye, J. C., Wellington, N.Z. Churn	9934	27 Sept.
Sellenger, W. R., Geelong, Vic. (See S. M. Smith, No. 9363.)		
Seymour, J. G., and another, Melbourne, Vic. Burner for oil-stoves. (B. A. Hjorth)	9579	31 May.
Shailer, G. W., Wellington, N.Z. Mail-bag fastener	9216	21 Jan.
Shannessy, J. J., Newcastle-on-Tyne, Eng. Closing punctures in tires. (F. D. Bell)	9253	5 Feb.
Sharples, P. M., West Chester, U.S.A. Separating liquids. (H. McCornack.)	9602	10 June.
Sharpneck, W. S., Chicago, U.S.A. Cycle-propelling mechanism	9625	19 June.
Shedlock, J. J., London, Eng. (See Mudros Syndicate, Limited, No. 9767.)		
Shenstone, J. N., and another, Toronto, Canada. Tire	10137	18 Nov.
Shepard, G. B., Ogdensburg, U.S.A. Rotary machine	9739	2 Aug.
Shepherd, J., Invercargill, N.Z. Hauling-block	9838	26 Aug.
Shepherd, J., and another, Invercargill, N.Z. Smoke-consumer and spark-catcher	9940	24 Sept.
Sheppard, F. J., Palmerston North. Milk-pail	9913	18 Sept.
Sheppard, F. J., Palmerston North, N.Z. Vessel for boiling milk	9914	18 Sept.
Sheppard, H. A. D., and others, Melbourne, Vic. Puncture-resisting shield for pneumatic tire	9325	4 March.
Sheppard, J. M., and others, Auckland, N.Z. Sauce	9428	27 March.
Sherriff, D., Christchurch, N.Z. Windmill	10205	8 Dec.
Sherrin, H. H., and another, Ramsgate, Eng. Secondary battery	9785	13 Aug.
Sherrin, Vaughan. (See under V.)		
Sicklemore, S., Launceston, Tasmania. Doorstep-whitener	9757	6 Aug.
Simeon, H. R., Gisborne, N.Z. Mixture for cure of piles	10142	17 Nov.
Simes, H. W., Wellington, N.Z. Motor	9868	6 Sept.
Simmons, J. P., San Francisco, U.S.A. Hydraulic giant	9843	1 Sept.
Simpson, A. H., Invercargill, N.Z. Wash-boiler	9683	12 July.
Skates, W., Auckland, N.Z. Igniting blasting material	10206	7 Dec.
Skeet, R. C., and another, Oamaru, N.Z. Extracting gold	9648	30 June.
Skeet, R. C., and another, Oamaru, N.Z. Extracting gold	9763	9 Aug.
Skeet, R. C., and another, Oamaru, N.Z. Bicycle driving-gear	10042	18 Oct.
Skelton, F. O., Taradale, N.Z. Shaft-tug for vehicle	9356	16 March.
Small, J., Christchurch, N.Z. Windmill	9960	4 Oct.
Smale, B., and another, Featherston, N.Z. Bicycle mud-guard	9831	26 Aug.
Smart, J. M., Melbourne, Vic. Preserving perishable substances. (A. T. Perkins)	9464	22 April.
Smart, J. M., Melbourne, Vic. Preserving perishable substances. (A. T. Perkins)	9465	22 April.
Smart, T., Hawera, N.Z. Window-ventilator	10001	16 Oct.
Smellie, P., and another, Dunedin, N.Z. Measuring-apparatus for liquids	9635	25 June.
Smethurst, E., Christchurch, N.Z. Cover for cooking-utensil	9523	13 May.
Smith, A., Christchurch, N.Z. Measuring and cost-indicating machine	9183	9 Jan.
Smith, A., Invercargill, N.Z. Carrying eggs, fruit, &c.	9958	13 Sept.
Smith, A., and another, Christchurch, N.Z. Indicating cost of goods sold by lineal measurement	9256	4 Feb.
Smith, C., Casterton, Vic. Office-indicator	9876	9 Sept.
Smith, C. B., and another, Dunedin, N.Z. Holder for invoice-forms, &c.	9454	21 April.
Smith, D. E., and another, Christchurch, N.Z. Attachment to lasting-pliers	9295	16 Feb.
Smith, D. E., and another, Christchurch, N.Z. Lasting-pliers	9687	15 July.
Smith, F. W., Christchurch, N.Z. Wire-mattress	9296	23 Feb.
Smith, G. F., Sydney, N.S.W. Extracting metals	9578	31 May.
Smith, H. T., and another, Dunedin, N.Z. Two-wheeled vehicle or gig	9505	21 April.
Smith, J. R., Bluff, N.Z. Fish-cleaning apparatus	10198	6 Dec.
Smith, P., Wellington, N.Z. Saddle-cloth	10143	19 Nov.
Smith, S., Christchurch, N.Z. Heel for boot or shoe	9173	4 Jan.