

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

Name, Residence, and Invention.	No.	Date.
Cronin, F. B., Albert Park, Vic. Extracting gold	9877	9 Sept.
Crow, S., Dunedin, N.Z. Dredging	9591	7 May.
Crowden, C. T., Beeston, Eng. Making tubular joints	9261	12 Feb.
Cuming, A. J., Christchurch, N.Z. Trouser-clip	9333	5 March.
Cuming, A. J., Christchurch, N.Z. Preventing puncture of pneumatic tires	9452	15 April.
Cuming, A. J., Christchurch, N.Z. Cycle-frame	9477	28 April.
Cuming, A. J., Christchurch, N.Z. Locking nuts on bolts	9500	5 May.
Cuming, A. J., Christchurch, N.Z. Bicycle head-lock	9530	15 May.
Cuming, A. J., Christchurch, N.Z. Pump for inflating tires	9576	29 May.
Cuming, A. J., Christchurch, N.Z. Cycle-frame	9638	25 June.
Cuming, A. J., Christchurch, N.Z. Cycle	9670	8 July.
Cuming, A. J., Christchurch, N.Z. Cycle handle-bar	9671	8 July.
Cuming, A. J., Christchurch, N.Z. Tube-bending machine	9776	10 Aug.
Cuming, A. J., Christchurch, N.Z. Bicycle	9794	14 Aug.
Cuming, A. J., Christchurch, N.Z. Hub and bearing for vehicles	9837	23 Aug.
Cuming, A. J., Christchurch, N.Z. Indicating form of bicycle suitable for a rider	9851	31 Aug.
Cuming, A. J., Christchurch, N.Z. Cycle crank spindle and bearing	9901	10 Sept.
Cuming, A. J., Christchurch, N.Z. Bicycle-frame	9948	30 Sept.
Cuming, A. J., Christchurch, N.Z. Propelling vehicles	10190	2 Dec.
Cuming, A. J., and another, Christchurch, N.Z. Treating flax	9174	5 Jan.
Cuming, A. J., and another, Christchurch, N.Z. Utilising tow from flax-mills	9340	22 Feb.
Cuming, A. J., and another, Christchurch, N.Z. Treating flax	10169	3 Dec.
Cunningham, A. J., Dunedin, N.Z. Purifying fish-oil	9649	30 June.
Cunnington, H. J., Christchurch, N.Z. Pulsator for milking-machine	9257	6 Feb.
Cunnington, H. J., Christchurch, N.Z. Pulsating milking-machine	9826	23 Aug.
Curran, E. J., Bathurst, N.S.W. Drafting garment patterns	9277	17 Feb.
Curties, W. W., Christchurch, N.Z. Cycle-driving mechanism	9316	1 March.
Curtis, E., and another, Windsor, Vic. Cycle roundabout	9890	9 Sept.
Cutten, W., and another, Dunedin, N.Z. Clutch for winch	10236	22 Dec.
Cutten, W., and another, Dunedin, N.Z. Driving-gear for winch	10238	22 Dec.
Cutten, W. H., and another, Dunedin, N.Z. Clutch for winch	10236	22 Dec.
Cutten, W. H., and another, Dunedin, N.Z. Driving-gear for winch	10238	22 Dec.
Dacombe, T., Christchurch, N.Z. Draught-plate for register-grate	9614	15 June.
Dalton, R. S., and another, Melbourne, Vic. Reproducing phonographic records	9265	12 Feb.
Dalton, W., Stratford, N.Z. Ear for bucket	9444	14 April.
Danks, T., Christchurch, N.Z. Hydraulic ram	9285	18 Feb.
Danks, T., Christchurch, N.Z. Closet	9399	29 March.
Danks, T., Christchurch, N.Z. Hydraulic ram	9469	23 April.
Davidson, J., and another, Sydney, N.S.W. Refining fats and oils	9512	10 May.
Davidson, W., Dunedin, N.Z. Plough	9634	25 June.
Davies, C. L., and another, Kirwee, N.Z. Floor- and lining-cramp	9522	22 May.
Davies, C. L., and another, Kirwee, N.Z. Floor- and lining-cramp	9932	25 Sept.
Davies, G. W., and another, Wellington, N.Z. Beverage	10051	26 Oct.
Davies, P., Southfields, Eng. Ball-bearing	9292	23 Feb.
Davis, H. L., London, Eng. Bicycle-support	9370	23 March.
Davis, I., London, Eng. Wheel	9167	5 Jan.
Davis, P. Z., Lometa, U.S.A. Wheel	9390	27 March.
Davis, R., Christchurch, N.Z. Preventing draught in chimneys	9734	30 July.
Dawes, A., Dunedin, N.Z. Butter-box fastener	9343	11 Feb.
Dawson, T., Maraekakaho, N.Z. Sharpening blades of chaff-cutter	9896	8 Sept.
Day, A. J., Exeter, S.A. Dial	9361	18 March.
Decker, W., and another, Mittweida, Germany. (See G. G. Turri, No. 10091.)		
Deep-sea Diving Company (Limited), Brisbane, Queensland. Diving-dress. (W. McQuillan)	9362	18 March.
De Estève-Llatas, C., Paris, France. Manufacturing steel	9891	*16 Dec., '96.
Dellow, S., and another, Charters Towers, Queensland. Amalgamating-pan	9711	22 July.
De Montalk, R. W., and another, Auckland, N.Z. Tobacco-pipe	10044	23 Sept.
Denehy, J. J., Brunswick, Vic. Draught-preventer for door	9853	2 Sept.
Dennes, H. M., and another, Auckland, N.Z. Railway-station indicator	9866	6 Sept.
Dennes, W. C., and another, Auckland, N.Z. Railway-station indicator	9866	6 Sept.
Dennison, T. C., and another, Oamaru, N.Z. Bicycle driving-gear	10042	18 Oct.
De Schodt, P. G., Namur, Belgium. Gas-lighting and -heating system	9863	4 Sept.
Desgoiffe, A., and another, Paris, France. Converting grain into dough	9165	4 Jan.
Devy, S., and another, Ballarat, Vic. Ventilating mines	9708	22 July.
De Wolf, G., and others, Vancouver, British Columbia. (See W. E. Hughes, No. 10059.)		
Dexter, R. A., and another, Auckland, N.Z. Bicycle driving-gear	9997	12 Oct.
Dickinson, J., and others, Dunedin, N.Z. Driving mechanism for velocipedes	9199	14 Jan.
Dickinson, J., and others, Dunedin, N.Z. Pedal-crank for velocipedes	9345	13 March.
Dickinson, J., and others, Dunedin, N.Z. Pedal-crank for velocipede	9644	30 June.
Dickinson, W., and others, Dunedin, N.Z. Pedal-crank for velocipede	9644	30 June.
Dobbie, J., Caversham, N.Z. Hand signal-lamp	9895	6 Sept.
Dodge, A. P., New York, U.S.A. Steam motor	9700	19 July.
Dodgshun, J. E., and another, Melbourne, Vic. Shirt-collar attachment	9204	19 Jan.
Doherty Iron-castings Process (Limited), The, London, Eng. Melting iron. (T. Doherty, P. D. Cramer)	9630	24 June.
Doherty, T., and another, Sarnia, Canada. (See E. Waters, No. 9549.)		
Doherty, T., and another, Sarnia, Canada. (See the Doherty Iron-castings Process, Limited, No. 9630.)		
Dolbel, C., Wellington, N.Z. Veterinary mixture	9232	28 Jan.
Dolton, A., Sydney, N.S.W. Carbonated aerated drinks	9279	17 Feb.
Donnelly, H. W., Auckland, N.Z. Match-box striker	10230	13 Dec.
Doolittle, P. E., Toronto, Canada. Bicycle-brake	9537	19 May.
Dose, H., Sydney, N.S.W. Cask or vat	9919	21 Sept.
Dougherty, J., Palmerston North, N.Z. Trapping rabbits	9318	25 Feb.
Douglas, E. J., Melbourne, Vic. Bath-heater	9900	13 Sept.
Downing, H. W., and another, Christchurch, N.Z. Horse-collar	10086	2 Nov.
Downton, H. G., and another, Croydon, N.S.W. Destroying night-soil, &c.	9884	9 Sept.