

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

Name, Residence, and Invention.	No.	Date.
Caspers, H., and others, Young, N.S.W. Producing and distributing acetylene gas ..	10127	10 Nov.
Cassell, H. R., and another, New York, U.S.A. Extracting gold ..	9357	16 March.
Cassels, R. A., Invercargill, N.Z. Filler or funnel ..	9283	1 Feb.
Cato, T. A., Wairoa, Hawke's Bay, N.Z. Preventing dropping of candle-grease ..	9904	14 Sept.
Cave, H., Papanui, N.Z. Potato-digger ..	9274	12 Feb.
Cavell, A. T., and another, St. Bathans, N.Z. Cycle-gearing ..	9319	3 March.
Chalmers, G. W., Footscray, Vic. Incandescent burner ..	10037	21 Oct.
Chambers, J. S., and another, Melbourne, Vic. Burner for oil-stoves. (B. A. Hjorth)	9579	31 May.
Chapman, A. J., Coburg, Vic. Mail-fastening device ..	9214	21 Jan.
Chapman, A. J., Coburg, Vic. Mail-fastening device ..	10246	23 Dec.
Charleton, R. H., Dovercourt, Eng. Hat-grip ..	9698	19 July.
Charlton, J. J., and another, Barraba, N.S.W. Toilet-powder ejector ..	9197	14 Jan.
Cherry, H., and another, Ballarat, Vic. (See C. D. Lightband, No. 9977.)		
Chillingworth, R., Ostbahnhof, Germany. Truing up tubes, &c. ..	9618	18 June.
Chillingworth, R., Ostbahnhof, Germany. Manufacturing hubs for wheels ..	9674	12 July.
Chisholm, J., and another, Dunedin, N.Z. Gas- or oil-engine ..	9451	9 April.
Christie, R. L., Waikaka Valley, Otago, N.Z. Traction-engine gripper-key ..	9684	12 July.
Christophersen, J., and others, Dannevirke, N.Z. Cycle driving-gear ..	10168	27 Nov.
Christophersen, M., and others, Dannevirke, N.Z. Cycle driving-gear ..	10168	27 Nov.
Christy, H. A., Chicago, U.S.A. Bicycle-seat ..	9787	13 Aug.
Clapperton, P., Melbourne, Vic. Cycle handle-bar ..	9547	19 May.
Clark, E. L., Auckland, N.Z. Surface-propeller ..	9661	28 June.
Clark, E. L., Auckland, N.Z. Boat ..	9962	30 Sept.
Clark, E. L., Auckland, N.Z. Saw-frame ..	9969	1 Oct.
Clark, E. L., Auckland, N.Z. Tube engine ..	10026	15 Oct.
Clark, W. C., and another, London, Eng. Fire-escape ..	9572	28 May.
Clark, W. W., and another, Essex, Eng. Crushing and grading ore, &c. ..	9695	17 July.
Clarke, G. T., and another, Lyttelton, N.Z. Lever-attachment to pliers ..	9426	5 April.
Clarke, W. H., Wellington, N.Z. Treating dust from stamper-boxes ..	9650	30 June.
Clay, W. R., and another, Bolton, Eng. Support for gas-burner ..	10138	18 Nov.
Claydon, G., Addington, N.Z. (See the Wood and Claydon Automatic Stoker, Coal crusher, Self-feeder, and Smoke-consumer Company, Limited, No. 9182.)		
Clemoe, W. G., Eltham, Taranaki, N.Z. Horse-shoe ..	9395	8 March.
Clemoe, W. G., Eltham, Taranaki, N.Z. Horse-shoe ..	9552	20 May.
Clemoe, W. G., Normanby, N.Z. Brand ..	9982	14 Oct.
Clendinnen, F. J., and another, Hawksburn, Vic. Coin-operated telephone instrument ..	10250	24 Dec.
Clerc, C. P. E., and another, Paris, France. Electric propulsion ..	9386	27 March.
Clerihew, G. W., Toronto, Canada. Can ..	9540	19 May.
Coats, J., jun., and others, Glasgow, Scotland. Honeycombing-attachment for sewing-machine ..	10221	17 Dec.
Cobb, R., and another, Palmerston North, N.Z. Changing courses of rivers ..	10033	21 Oct.
Cochrane, R. M., and another, Kalgoorlie, W.A. Extracting metals from ores ..	9457	22 April.
Cochrane, T., Pollok Settlement, Auckland, N.Z. Knife harrow ..	9814	21 Aug.
Cockerell, J., and another, South Yan Yean, Vic. Axle and box for disc coulters, &c. ..	9545	19 May.
Cockerell, R., Dunedin, N.Z. Stamper battery ..	9555	30 April.
Cody, M. S., Stockton, U.S.A. Mail-bag fastener ..	9207	20 Jan.
Collette, A., jun., and another, Seclin, France. Extracting alcohol ..	10164	26 Nov.
Collier, J. B., and others, Bournemouth, Eng. Manufacture of calcium-carbide ..	9306	26 Feb.
Collings, E. Z., and another, Laurel Springs, U.S.A. Guard for bicycle-tire ..	9620	18 June.
Collins, W. G., Caramba, N.S.W. Prospecting-dish ..	10126	10 Nov.
Colvin, J., Dunedin, N.Z. Railway-truck ..	9551	15 May.
Colwell, W. S., Chicago, U.S.A. Rotary engine ..	10161	25 Nov.
Commis, F. J., and others, Exeter, Eng. Treating sewage ..	9419	8 April.
Commis, F. J., and others, Exeter, Eng. Treating sewage ..	9420	8 April.
Consolidated and McKay Lasting-machine Company, Boston, U.S.A. Lasting-machine. (S. W. Ladd and R. F. McFeely.)	9854	2 Sept.
Cope, H. S., Melbourne, Vic. Amalgamator ..	9546	19 May.
Corbett, J. C., Melbourne, Vic. Water-filter ..	10050	25 Oct.
Corbett, J. C., Melbourne, Vic. Foundation for drawn-thread stitches ..	10118	13 Nov.
Corbett, J. C., Melbourne, Vic. Making flax-rugs, &c. ..	10119	13 Nov.
Corfe, W., Liverpool, Eng. Printing-machine ..	9538	19 May.
Cork, C. F., and others, Wellington, N.Z. Egg-preservative ..	9865	6 Sept.
Coubrough, A., Dunedin, N.Z. Preparing ironsand for smelting ..	9177	7 Jan.
Coubrough, A., Wellington, N.Z. Preparing ironsand for smelting ..	9492	4 May.
Coubrough, A., Wellington, N.Z. Furnace for smelting ironsand ..	10225	17 Dec.
Coubrough, A., Wellington, N.Z. Smelting ironsand ..	10226	17 Dec.
Coull, P., Christchurch, N.Z. Washing-board ..	9974	27 Sept.
Courtois, C. D., and another, Laon, France. (See the Anglo-French Motor-carriage Company, Limited, No. 9309.)		
Cowles, E., Richmond, Nelson, N.Z. Projectile ..	9271	13 Feb.
Cowles, E., Richmond, Nelson, N.Z. Tooth-brush ..	9272	13 Feb.
Cowles, E., Richmond, Nelson, N.Z. Furniture ..	9305	13 Feb.
Cowper, F. R., and another, Sydney, N.S.W. Tuyère for forge ..	9534	19 May.
Cowperthwaite, W. T., and another, Auckland, N.Z. Marine-speed acceleration ..	9473	6 April.
Coxen, J. H., Johannesburg, South African Republic. Washing fabrics, wool, &c. ..	10057	27 Oct.
Coxon, J., Dunedin, N.Z. Laundry-iron ..	9713	22 July.
Craig, J. J., Auckland, N.Z. Preventing drains blocking and gas escaping ..	9779	10 Aug.
Craven, G. J., London, Eng. Nail ..	9503	8 May.
Craveri, J., Buenos Ayres, Argentine Republic. Manufacturing matches ..	9954	2 Oct.
Crawford, B., Auckland, N.Z. Ventilator ..	10053	9 Oct.
Crawford, E. H. K., Walcha, N.S.W. Cooling-chamber and filter combined ..	9988	14 Oct.
Creasy, J., London, Eng. (See E. Atkinson, No. 10103.)		
Creech, D. J. T., Wellington, N.Z. Rail-joint ..	9929	25 Sept.
Crehore, A. C., and another, Hanover, U.S.A. Controlling electric currents ..	9541	19 May.
Crerar, P. D., and another, Hamilton, Canada. (See E. Waters, No. 9549.)		
Crerar, P. D., and another, Hamilton, Canada. (See the Doherty Iron-castings Process, Limited, No. 9630.)		