

980. (L.P.) 10th December. JAMES SCOTT INGRAM, of Auckland, in the Colony of New Zealand.—Ingram's Patent Metal Cheese-Hoop.
981. (L.P.) 15th December. JOSHUA RUTLAND, of the Pelorus Valley, in the Provincial District of Marlborough and Colony of New Zealand.—An invention for fastening the handles of knobs into the axles of door-locks.
982. (L.P.) 17th December. ROBERT CLARK, of Dunedin, in the Colony of New Zealand.—The Automatic Flush-closet Cistern.
983. (L.P.) 18th December. ALFRED COLVILLE, of Temuka, in the Colony of New Zealand.—An invention for the winnowing of grain and grass, styled "Colville's Patent Improved Grain-and Grass-winnowing Machine."
984. (L.P.) 19th December. EWEN ALEXANDER CAMERON, of Nokomai, in the Provincial District of Otago and Colony of New Zealand, Architect's Articled Pupil.—An invention for exterminating rabbits, and titled "Cameron's Rabbit Exterminator."
985. (L.P.) 19th December. EWEN ALEXANDER CAMERON, of Nokomai, in the Provincial District of Otago and Colony of New Zealand, Architect's Articled Pupil.—An invention for exterminating rabbits, and titled "Cameron's Centrifugal Fan Rabbit Exterminator."
986. (L.P.) 19th December. CHARLES REYNOLDS, of Rakaia, in the Colony of New Zealand, Agricultural Engineer.—A labour-saving threshing machine, styled "Reynolds's Labour-saving Threshing Machine."
987. (L.P.) 21st December. WILLIAM CRAIG, of Caversham, near Dunedin, in the Colony of New Zealand, Baker.—Codliver-oil biscuits.
988. (L.P.) 22nd December. LEWIS ROSE GILLANDERS, of Ravensbourne, near Dunedin, in the Colony of New Zealand, Mechanical Engineer.—A new oscillating three-cylinder steam-engine.
990. (L.P.) 31st December. THOMAS KELLY, of Auckland, in the Colony of New Zealand.—Kelly's Hydraulic-lime Pressed Bricks.
991. (L.P.) 31st December. JAMES SCOTT INGRAM, of Auckland, in the Colony of New Zealand.—Ingram's Patent Rocking Cheese Vat.

APPLICATIONS FOR LETTERS PATENT LAPSED AFTER PUBLICATION OF LIST FOR 1882.

643. W. TAYLOR.—Self-closing gate hinge.
645. F. CROOK.—Cutting shingles by band-saw.
680. W. R. BUCHAN.—Amalgamator and gold-chloridizer.
688. A. S. FORD.—A crystal engine.
691. W. J. DALTON.—United pattern mould.
692. A. WALKER.—Automaton draught-preventer.
696. P. DUNCAN and D. DUNCAN.—Centre for skeith, or circular coulter for ploughs.
697. W. ISHERWOOD and J. S. LITTLE.—Fire-escape ladder.
701. F. B. W. MALET.—Fixing barbed points to fencing wire.
711. J. L. BACON.—Santa Fe (an aerated beverage).
712. E. P. AMESBURY.—Dental plates.
713. J. L. BACON.—Prevention of sea-sickness.
716. J. W. MANSFIELD.—Cutting gorse hedges.
717. W. LANGDOWN.—Bending timber into wheel-rims, &c.
718. G. RAYNER.—An electric band.
719. J. H. CULLIMORE.—United pattern marker.
720. J. SMITH and S. SMITH.—Box for butter.
721. T. DANKS.—Piston for chain-pumps.
722. T. DANKS.—Tube boiler for cooking-ranges, &c.
729. D. THOMPSON.—Self-regulating turbine windmill.
730. W. S. LANE.—Reefing and furling apparatus.
731. W. VICKERY.—Vickery's Patent Guide.
733. J. M. BROWN and C. FRAGGATT.—Mixture of wheaten meal and a baking-powder.
737. B. DICKSON.—Exterminating rabbits, &c.
738. R. MARTIN.—Cable curve pulley.
741. J. B. MOIR.—Portable furnace frame.
742. G. RAYNER.—Patent gold-saver.
745. W. A. HARPER and J. W. ROCK.—Quarrying, &c., stone.
747. W. WOODCOCK.—Barbing fencing-wire.
748. W. VICKERY.—Washing-machine.
749. J. ARMISHAW and A. G. HOWLAND.—Deodorizing, &c.

N.B.—The fees for Letters Patent are now, if unopposed—on depositing specification, 10s.; on obtaining patent, £2; and at or before expiration of the fifth year, £7. Copies of "The Patents Act, 1883," and Regulations, with Hints to Inventors, price 1s., can be obtained of the Government Printer, Patent Office Agents, Postmasters, or booksellers.

Patent Office,
Wellington, 13th May, 1884.

C. J. A. HASELDEN,
Patent Officer.