

2707. 22nd December. CHARLES McQUEEN, of Dunedin, New Zealand, Engineer.—An invention for sinking holes in the earth through gravel, sand, clay, and soil of all kinds, to be known as “McQueen’s Patent Prospecting-machine.”
2708. 22nd December. ARTHUR FRANCIS WILEMAN, of 24, Mount Park Crescent, Ealing, in the County of Middlesex, England, Engineer.—An invention for improvements in sewing-machines.
2709. 21st December. JAMES LANE, of Lyttelton, in the Provincial District of Canterbury, New Zealand, Hotelkeeper.—An invention for improvements in the ordinary beer-siphon, to be called “Lane’s Patent Beer-extractor.”
2710. 21st December. SAMUEL KINGSBURY, of Ashley, in the Provincial District of Canterbury, New Zealand, Farmer.—An invention for Kingsbury’s improved self-acting feeder for threshing-machines (No. 2).
2711. 21st December. THOMAS HERBERT, of Vermont Street, Auckland, New Zealand, Factory Manager to New Zealand Timber Company.—An invention for a method of fixing glass in the roofs and walls of vineries, hothouses, and skylights, to be called “The Acme glazing Clips and System of Glazing without Putty.”
2712. 22nd December. GEORGE CARDER, WALTER CARDER, and EDWARD OWEN, trading under the style or firm of Carder Brothers and Co., of Ponsonby, Auckland, New Zealand, Steam Sanitary Pipe Manufacturers.—An invention for improvements in making junctions to or with drain-pipes, sewers, &c., to be called “Carder’s Patent Junction Pipe.”
2713. 22nd December. GEORGE PARKER MORRIS, of Symonds Street, Auckland, New Zealand, Photographer.—An invention for a water-filter, to be called “Morris’s Water-purifier.”
2714. 22nd December. THOMAS DANKS, of Christchurch, New Zealand, Engineer.—An invention for a windmill, to be called “The Titan Windmill.”
2715. 28th December. DUNCAN WILLIAM McARTHUR, Civil Engineer, and WILLIAM GIBSON JOHNSTON, Merchant, both of Hokitika, New Zealand.—An invention for the hydraulic siphon amalgamator.
2716. (L.R.) 24th December. EDWARD WILLIAM PARKES, of 3, Salters Hall Court, in the City of London, England, Gentleman.—An invention for improvements in the production of coloured photographic pictures.
2717. 29th December. DAVID PICKERING, of Masterton, Wairarapa, New Zealand, Plumber.—An invention for an improved windmill and its accessories.
2718. 24th December. JOHN REES JONES, of Gisborne, New Zealand, Engineer.—An invention for an orchard or viney duster, sprayer, and fumigator.
2719. 29th December. HENRY DURAND, of Timaru, in the Provincial District of Canterbury, New Zealand, Gunsmith.—An invention for Durand’s harness backband and trace-protector.

LETTERS PATENT LAPSED THROUGH NON-PAYMENT OF RENEWAL FEE, FROM 7TH APRIL, 1887, TO 4TH APRIL, 1888.

617. E. J. McCaffrey.—Enamelling process.
636. A. FRASER.—Opening gates and doors.
637. R. P. GIBBONS.—Cutting rollers.
644. G. SIMMONS.—Manufacturing hose.
650. A. CAIRNS.—Suspension railway.
651. A. CAIRNS.—Double-tread rail.
652. A. CAIRNS.—Improved barge.
653. J. H. HUDSON.—Blind-clip.
660. J. ROBINSON.—Quartz-crushing.
666. A. BLACK.—Bending iron.
667. A. POTTER.—Scouring wool.
671. W. GREENSHIELDS.—Shoulderette.
672. J. T. THOMSON.—Windmills.
674. R. KINGSFORD.—Cleaning rivers.
677. W. ROSS.—Disc-harrows.
681. W. A. HARPER and J. W. ROCK.—Gas-engine.
698. G. ROSS.—Raising vessels.
700. R. WALKER.—Skim-coulter.
723. W. A. HARPER and T. DENNISTON.—Laying tramways.
724. E. C. JONES.—Wire or rope tramways.
725. W. J. DALTON.—An ornator.
726. J. LEES and J. W. ROCK.—Steam-boiler.
727. S. E. HAYES and T. C. JENKINS.—Registrar.
728. D. DONALD.—Wool-press.
732. A. WERNER.—Lifting and holding.
736. G. L. SISE.—Disc-harrows.
739. A. W. BICKERTON.—A model to illustrate motions, &c., of earth.
740. F. A. MOORE.—Skin packing.
743. J. ASPINALL and J. JOHNSTON.—Gold-saving.
744. E. W. OTWAY.—Permanent-way.
746. J. OSBORNE and A. WERNER.—Gorse-cutting.
750. B. KEANE and G. CARDER.—Kiln.
758. J. R. HILL and A. ROBERTSON.—Threshing-mills.
767. T. C. DENNISON, W. A. HARPER, and F. W. S. ANSTED.—Manufacturing concrete.
769. W. NELSON.—Boiling down.