3898. 21st August. John Gotfried Dudeck, Bushman, and Walter McCaul, Jun., Blacksmith, both of Otakeho, Taranaki, New Zealand.—An invention for improved apparatus for lifting and pulling heavy weights and substances and extracting roots.

3899. 19th August. Alfred Walker, of Auckland, New Zealand, Boot-manufacturer.—An inven-

tion for a watertight boot, to be called "The Bushranger."

3900. 19th August. John Hickes, of High Street, Auckland, New Zealand, Settler.—An invention for an improvement in the construction of tobacco-pipes, to be called "The Auckland Well-

pipe."
3901. 19th August.—Walter Brown, of Invercargill, New Zealand, Blacksmith.—An invention for improvements in road-scoop handles, to be known as "Brown's Road-scoop Handles."

3902. 23rd August. William Wood Culcheth, of 31, Temple Court, Collins Street, Melbourne,

Victoria, Civil Engineer.—An invention for improvements in water-lifts.

3903. 23rd August. VILLIERS WALTER BEERE, of Wellington, New Zealand, Mechanical Engineer.

—An invention for the greater development of the illuminating power of kerosene, to be called "Petrolina Gas."

3904. 20th August. Robert Cockerell, of Invercargill, New Zealand, Agricultural-implement Maker.—An invention for the reverse-action driving-floats in running water, for pumping

water and other purposes.

3905. 20th August. Susan Elizabeth Drapper, of 139, Hereford Street, Christchurch, Canterbury, New Zealand, Paper-bag Manufacturer.—An invention for a bag or wrapper made from paper or any other material, so cut, folded, and formed as to secure the formation of a square package for teas, store supplies, and other goods, the bag or wrapper to be called "The Unique Wrapper."
3906. 22nd August. Thomas Pringle, Manager, Haldon Station, Mackenzie County, New Zea-

land.—An invention for wire-straining.
3907. 22nd August. Thomas Pringle, of Haldon Station, Mackenzie County, New Zealand.— An invention for wire-straining.

3908. 21st August. Robert Cockerell, of Invercargill, New Zealand, Agricultural - implement Maker.—An invention for a flexible-framed life-boat.

3909. 23rd August. George Mathison and William Mathison, both of Roslyn, Dunedin, Otago, New Zealand, Sheep-farmers.—An invention for curing and baiting, fit for tanning, all

animal hides and skins, and for cleaning and extracting hair and wool from all hides and skins. 3910. 23rd August. Thomas Pringle, of Haldon Station, Mackenzie County, New Zealand.—

An invention for temporary fencing-standard.

3911. 26th August. James Johnny Fougere, of Hastings, Hawke's Bay, New Zealand, Settler.— An invention for an improved tipping-tank, for flushing sewers, drains, and waterclosets, and for similar purposes.

3912. 26th August. Charles Stephen Reeves, of Dunedin, New Zealand, Commission Agent.— An invention for a carbon deodorizer and disinfectant.

3913. 28th August. Kate Evenden, wife of Robert Edward Evenden, of Wellington, New Zealand, Joiner.—An invention for an improved nail for corrugated iron, and for some other purposes.

3914. 29th August. Gustaf Dillberg, of Wellington, New Zealand.—An invention for improve-

ments in automatic delivery-boxes.

3915. 29th August. Carl Olof Lundholm, of Stevenston, Ayr, Scotland, Chemist.—An invention

for improvements in the manufacture of dynamite.

- 3916. 29th August. Charles Glencross, of Sydney, New South Wales, Coachbuilder.—An invention for an improved method of hanging the doors of brougham hansom cabs, and similar vehicles.
- 3917. 29th August. John William Rock, Engineer, Charles Gifford Moore, Civil Engineer, and Joseph Holden Wood, Merchant, all of Sydney, New South Wales.—An invention for an improved mode of and apparatus for smelting minerals by means of combustible gases.
- 3918. 29th August. Thomas Burns, of Messrs. White, Burns, and Co., of Bonnington Skin-works, and 1, Pilrig Street, Edinburgh, North Britain, Skinner, Tanner, and Wool Merchant.—An invention for machinery or apparatus for scouring and washing skins and wool and analogous materials.
- 3919. 29th August. Edward Waters, of No. 131, William Street, Melbourne, Victoria, Patent Agent.—An invention for improvements in machines for casting type-bars for printing and analogous purposes. (J. Bright.)

3920. 30th August. George Kemp, of Piaka, near Kueru, Wellington, New Zealand.—An invention for a guard or shield for the drum-spindles of flax-strippers.

3921. 30th August. Curt Schreiber and Hans Knutsen, of Broken Hill, New South Wales, Metallurgical Engineers. — An invention for an improved process for the treatment of auriferous and argentiferous antimony-ores.

3922. 24th August. William James Dalton, of Auckland, New Zealand, Civil Engineer.—An invention for an improved machine for preparing sausage-casings.

3923. 24th August. Joseph James Macky, of Auckland, New Zealand.—An invention for an improved device for the prevention of fraud or mistakes in the issue or manipulation of cheques, receipts, promissory notes, and the like.

3924. 27th August. Henry Charles Holman, of Auckland, New Zealand, Architect.—An invention for "Holman's Iron Breakwater."

3925. 27th August. Samuel White and Stanley Hovey White, both of Custom Street, Auckland, New Zealand, Contractors (name of firm, S. White and Co.).—An invention for drying fish, fish-manure, and blood, to be called "White's Patent Fish- and Blood-drier."