1488. 11th July. John Edward Hayes, of Wellington, New Zealand, Plumber.—An improved water-closet apparatus, to be called "Hayes's Improved Automatic Water-closet Seat and

Cistern Apparatus."
1th July. William Barraclough, of Balmain, near Sydney, New South Wales, Engineer. 1489. 11th July. -A new and improved method of producing from kerosene oil of any density, flame (producing light and heat), to be emitted through a burner without the aid of a wick, for use in lamps, stoves, and heating apparatus; and improved apparatus for the purpose of effecting the same.

1490. 9th July. Peter Duncan, of Christchurch, New Zealand, Agricultural Implement Manufacturer.—An improved force-feed for artificial-manure distributers.

1491. 11th July. Esau Fisher, of South Wyndham, Southland, Teacher.—An invention for straining and fastening fencing wire, called "The Patent Reel Wire-strainer and Fastener."

- 1492. 14th July. Andrew Thompson, of Cust, Canterbury, Blacksmith.—An invention for combining at the one operation ploughing and harrowing, called "Thompson's Disc - harrow Attachment.'
- 18th July. William Reeves, of Waikari, New Zealand, Coachbuilder.—An invention for lessening the danger of carriage accidents, called "The Combined Safety-step and Balance-1493. 18th July. break."
- 1494. 16th July. Thomas Slater Royds, of Invercargill, New Zealand, Accountant.—An improvement in the shape of the Dutch hoe, to be called "The Patent Crescent Hoe."
- 1495. 17th July. James Musgrove, of Greenvale, Victoria, Engineer.—Improvements in broadcast
- seed-sowing machines. 20th July. Parnell Rabbidge, Gustaf Dillberg, and Frank Hebden, of Christchurch, 1496. 20th July. New Zealand.—Mineral-ore Telephone-transmitters.
- 1497. 23rd July. John Good, of Washington and Park Avenue, Brooklyn, County of Kings and State of New York, United States of America.—Improvements in machinery for drawing and spinning hemp, flax, and other fibrous materials.
- 1498. 24th July. Stephen Henry Manners and Charles Edgar Manners, both of Adelaide, South Australia, Machinists, and John Theophilus Ledan, also of Adelaide, Coachbuilder (as assignee of the said Stephen Henry Manners and Charles Edgar Manners).—An improved contrivance for holding ropes, lines, or cords.

1499. 24th July. William Blakemore, of Nymagee, New South Wales, Copper Smelter.—Improve-

ments in reverberatory furnaces for smelting copper regulus.
1500. 24th July. Lambton le Breton Mount, of South Melbourne, Victoria, Glass Manufacturer.

—An improved method of utilising the waste heat from furnaces.

1501. 22nd July. Frank Oakden, of Dunedin, New Zealand, Architect.—"Shilton's Patent Reversible Chain-belting.

- 1502. 28th July. John Lobb Jeffree, of Brunnerton, New Zealand, Engineer.—A lubricator for oiling and greasing wheels turning on a fixed axle, to be called "Jeffree's Patent Lubri-
- 1503. 28th July. 28th July. George Hutton Poynter, of Wellington, New Zealand, Bootmaker.—A new improved lawn-tennis and cricket shoe, to be called "Poynter's Lawn-tennis and Cricket Shoe.
- FRANK JOSEPH NOBLE, of Timaru, New Zealand, Engineer.—An invention for 1504. 27th July. the manufacture of barbed-wire, to be known as "Noble's Self-acting Combined Barbed Wirecutter and Maker."
- WILLIAM MORTON, of Cosydell, Dunedin, New Zealand, Mechanic.—An invention 1505. 30th July.
- for the adjusting and fixing sliding rods of tripod stand.

 1506. 5th August. Henry George Bedell, of Wellington, New Zealand, Engineer.—An invention for casting lead and composition heads on wire nails with washers, to be called "Bedell's Economic and Automatic Lead-head Nail and Composition-head Machine."
- 1507. 31st July. Henry Rafton, of Auckland, New Zealand.—Improved coal-basket with iron stays and eyes for slings.
- 1508. 7th August. Joseph Carter, of Goulburn, New South Wales, Engineer.—Improvements in
- quartz batteries or crushing machines, parts of which are applicable for other purposes.

 1509. 7th August. Willis Gorman Dodd, of San Francisco, United States of America, Engineer, at present residing at Sydney, New South Wales.—An improvement in the construction of water-jacket smelting furnaces.
- 1510. 5th August. Thomas Dacombe, of Christchurch, New Zealand, Confectioner.—An invention
- for the making of confectionary known as pan-goods.
 1511. 7th August. Frank Oakden, of Dunedin, New Zealand, Architect.—Patent eccentric safety-
- catch (for lifts, &c.).

 1512. 10th August. George William Bull, Battery-owner, and George Rayner, Electrician, both of Thames, New Zealand.—An invention for the treatment of gold ores, to be called "The Electro Caustic Process."
- 1513. 11th August. Thomas Garland, of Wellington, New Zealand, Tinsmith.—A milk-strainer, with movable bottom.
- 1514. 8th August. Charles Walkden, of Christchurch, New Zealand, Civil Engineer.—An invention for abstracting stones, sand, gravel, and other material from the bottoms of boreholes, cylinders, &c., and from excavations under water, to be called "Walkden's Subaqueous Excavator."
- 8th August. Esau Fisher, of South Wyndham, Southland, New Zealand, Teacher.—An invention for straining fencing-wire, to be called "The Patent Universal Strainer."
- 1516. 15th August. William Ernest Richardson, of Outram, Otago, New Zealand, Engineer.— An improved butter-printing press, to be known as "Richardson's Butter-printer."