1428. 25th April. SAMUEL BATEMAN FIRTH, of Auckland, New Zealand, Engineer.—An elliptic expansion and reversing valve-gear.

1429. 2nd May. John Stalker, of Tinwald, Canterbury, New Zealand, Farmer.—A self-feeder for

- threshing-machines. 1430. 4th May. John Cameron Fraser, of Coromandel, Auckland.—An invention for washing cloth or other substances, to be called "J. C. Fraser's Cylindrical Washing-machine."
- 1431. 7th May. Alfred Putney, of London, England, Timber Merchant.—Improvements in wood flooring, ceilings, and dados.
- 1432. 9th May. EDWARD FONDI WRIGHT, of Mount Somers, Canterbury, Orchardist.—A hedgetrimming machine.
- **14**33. 11th May. EDWARD WEST, of Christchurch, New Zealand, Manufacturer.—An invention for immovably fixing barbs on wire composed of two or more strands, to be called the "Porcupine Barb Wire.
- 1434. 11th May. William Dawson, of Chiswick, in the County of Middlesex, England, Civil Engineer. — Improvements in mills or triturators, for reducing cement or other hard substances.
- 1435. 11th May. Frederick William Cone, of Rangiora, Canterbury, Saddler.—An invention for veining leather, to be called "Cone's Double-screw Shoulder Vein."
- 1436. 14th May. Percival Everitt, of London, England, Engineer.—Improvements in weighing machines.
- Francis Herbert Wenham, of 238, Goldhawk Road, Shepherd's Bush, Middle-1437. 14th May. sex, England, Engineer.—Improvements in gas lamps and burners.
- 1438. 11th May. Henry Reynolds, of Woodlands, Waikato, Auckland, Farmer.—The "Eclipse Broadcast Seed-sowing Machine."
- 1439. 20th May. Robert Gray, of Dunedin, New Zealand, Engineer. Improvement in bagger for chaff-cutter.
- 1440. 27th May. George Albert Ritson, of Wellington, New Zealand, Engineer's Fitter.—An improved rotary engine.
- 1441. 29th May. ROBERT DICK, of Belfast, Canterbury, New Zealand, Chemist.—An invention for
- the purification of waste liquors from bone, tallow, boiling-down, or similar works. 27th May. Charles Atkin, of Auckland, Coachbuilder.—A brake to be called "The Premier 1442. 27th May. Centripetal Brake.
- 1443. 28th May. Latham Osborn Beal, Jun., of Dunedin, New Zealand, Civil Engineer.—An invention for a range- and speed-ascertaining apparatus.
- 1444. 28th May. Henry Corrick, of Christchurch, New Zealand, Bootmaker.—Asphalting railway-stations, platforms, streets, and floors, &c., to be called "Corrick's Noiseless Asphalt."

 1445. 29th May. Parnell Rabbidge and Gustaf Dillberg, of Christchurch, New Zealand.—
- Metallic telephone-transmitter.

 1446. 2nd June. Clement Van de Velde, of Bond Street, Sydney, New South Wales, Civil Engineer.—Improvements in the treatment of copper ores and cupreous materials, and in apparatus therefor. (Pierre Manhes.)
- 1447. 1st June. George Dalgleish, of Oamaru, Timber Merchant.—An invention for a bevelled slotted fencing standard.
- 1448. 5th June. ROBERT SAVAGE, of Herbert Street, South Melbourne, Victoria, Gentleman, and Frederick York Wolseley, of Euroka, Walgett, New South Wales, Gentleman.—An im-
- proved railway tip-wagon or truck.

 1449. (L.R.) 9th June. Francis Van Rysselberghe, of Shaerbeck, in the Kingdom of Belgium.— Improvements in and relating to telegraphic and telephonic apparatus.
- 1450. 8th June. James Wren, Sen., of Glen, Dunedin, New Zealand, Wheelwright.—The "Twin ${
 m Broom.''}$
- George Black and Joseph Grunt, of Auckland, New Zealand.—"The Affghan 1451. 4th June. Front Spring Boot.
- 1452. 4th June. George Black and Joseph Grunt, of Auckland, New Zealand.—"The Sir Garnet, or Seamless, Boot."
- 4th June. Walter Greenshields, of Auckland, New Zealand, Bracist.— A suspender called "Greenshields' Patent Automatic Paragon Suspender." 1453. 4th June.
- 1454. 4th June. Joseph Harrison, Plumber, and Alfred George Hughes, Chemist, both of Cambridge, Auckland, New Zealand.—An invention for giving an alarm of fire, to be called "The Self-acting Household Fire Alarm."
- 1455. 11th June. Willis Gorman Dodd, of San Francisco, United States, Engineer, at present
- residing at Melbourne, Victoria.—Improvements in water-jacket smelting furnaces. (L.R.) 10th June. Joshua Alexander Kay, Nathaniel Buchanan, Mechanical Engineers, and Alexander Robert Wallis, Machinery Merchant, all of Melbourne, Victoria.—Im-(L.R.) 10th June.
- provements in machinery for tying knots.

 1457. 12th June. Robert Hoadley, M.D., and Harry Robert Murton, Wool-stapler, of Napier and Hastings, Hawke's Bay, New Zealand.—"Liquor Ovis Detergens" (sheep-cleansing fluid.)
- 1458. 11th June.
- 1458. 11th June. Allison Dalrymple Smith, of Christchurch, New Zealand, Mechanical Engineer.—Rolling tip-wagons, to be called "Allison Smith's Rolling Tip-wagon."

 1459. 11th June. Henry Eli Shacklock, of Dunedin, New Zealand, Ironfounder.—A cooking range, to be called "H. E. Shacklock's Improved Patent Portable Orion Cooking Range."

 1460. 12th June. Edward Fondi Wright, of Mount Somers, Ashburton, New Zealand, Orchardist.—Skeath-harrow attachment for ploughs.
- Orchardist.—Skeath-harrow attachment for ploughs.

 1461. 13th June. William Doig, of Timaru, New Zealand.—A patent garden slop- or watercarrying wheelbarrow