

4535. 14th August. JOSEPH FIELDING HIGGINS, of Melbourne, Victoria, Civil Engineer.—An invention for improvements in machines for type-setting, type-justifying, and type-distributing.
4536. 11th August. JOHN HODGSON LEE, of Te Puke, Auckland, New Zealand, Landowner.—An invention for catching and shaking flax, to be called "Lee's Flax Catcher and Shaker."
4537. 16th August. DAVID HILL PATTIE, of Blenheim, New Zealand, Chemist, Botanist, and Commission Agent.—An invention for dressing the *Phormium tenax*, or New Zealand hemp, and the name is "Unique."
4538. 13th August. J. HOWARD JACKSON, of Lawrence, Otago, New Zealand, Civil Engineer.—An invention for end locking bars for ripples.
4539. 13th August. CHARLES HEMUS, of Ponsonby, Auckland, New Zealand, Photographer.—An invention for the production of autograph portraits, to be called "Hemus's Autograph Portrait."
4540. 13th August. JOHN CORMACK, of Tuapeka West, Otago, New Zealand, Farmer.—An invention entitled "The Cormack Patent Direct Steam Elevator."* (Abandoned.)
4541. 15th August. JOHN CAMERON FRASER, of Coromandel, Auckland, New Zealand, Saw-mill Proprietor.—An invention for grinding- and amalgamating-pan.
4542. 18th August. THOMAS FIRTH, of Grey Street, Auckland, New Zealand, Medical Herbalist.—An invention for cooking purposes, to be called "The Una Cooking-range."
4543. 19th August. PETER ROBERTSON RUSSELL, Saddler's Foreman, and HARRY WOOD DOWNING, Saddler, both of Wellington, New Zealand.—An invention for improvements in the manufacture of saddles.*
4544. 20th August. WILLIAM JOHN BLAKEY, of Auckland, New Zealand, Blockmaker.—An invention for an improved clip for clothes lines.
4545. 21st August. SIDNEY SMITH, of No. 56, Royal Arcade, Sydney, New South Wales, Patentees' Agent.—An invention for improvements in cooling and refrigerating enclosures, and in apparatus therefor, and for other cooling and refrigerating purposes.
4546. 21st August. ROBERT YOUNG, of Rossitterville, near Drake, New South Wales, Architect and Engineer.—An invention for an improved machine for dressing ores and classifying discrete metalliferous materials.* (Abandoned.)
4547. 21st August. ANDREW FAIRGRIEVE, of Sydney, New South Wales, Sugar Expert and Analytical Chemist.—An invention for improvements in the manufacture or production of raw or refined sugar, and apparatus to be used therein.
4548. 22nd August. CHARLES VINCENT POTTER, of Adelaide, South Australia, Consulting Brewer.—An invention for an improved fire bar and smoke-consumer.
4549. 23rd August. EDWARD LLOYD PEASE, of Hurworth-on-Tees, Durham, England, Engineer.—An invention for improvements in the means or appliances for guiding and controlling gas-holders.*
4550. 25th August. WILLIAM ARTHUR HILLS, of Sydney, New South Wales, Metallurgist.—An invention for the manufacture of sodium chloride.* (Abandoned.)
4551. 25th August. EDWARD THUNDERBOLT, at present residing at No. 31, Forest Street, Collingwood, near Melbourne, Victoria, Engineer, and JAMES FULTON, of Trenery Crescent, Abbotsford, near Melbourne aforesaid, Engineer.—An invention for improved contrivances for closing railway carriage doors by means of compressed air or vacuum.*
4552. 25th August. ALBERT HARLEY STOREY, of 38, Lindore Road, London, England, Gentleman.—An invention for an improved apparatus for cleaning knives.* (Abandoned.)
4553. 25th August. JAMES NEWLAND, of Cairns, Queensland, Mechanic, and EDWARD ALBERT KOCH, of the same place, Medical Practitioner.—An invention for an improved clothes-washing machine.
4554. 25th August. ROBERT ASHTON LISTER, of Dursley, Gloucester, England, Engineer.—An invention for improvements in horse-gears.
4555. 25th August. JOHN WARD JONES, Engineer, of 1, Canonbury Terrace, London, England, and EDWARD KYNASTON BRIDGER, Gentleman, of Temple Chambers, Falcon Court, Fleet Street, London aforesaid.—An invention for improvements in the manufacture of boots and shoes.
4556. 25th August. NICOLAUS AUGUST OTTO, of Cologne, Germany, Engineer.—An invention for improvements in gas and oil motor engines.
4557. 25th August. NICOLAUS AUGUST OTTO, of Cologne, Germany, Engineer.—An invention for improvements in gas and oil motor engines.
4558. 25th August. JOSEPH ELTON BOTT, of Ryam, Derby, England, Metallurgist.—An invention for improvements in circular saws.
4559. 26th August. ALEXANDER CRAWFORD LESLIE, of High Street, Blenheim, New Zealand, Plumber and Gasfitter.—An invention for augmenting the illuminating power of gas, to be known as "Leslie's Patent Burner Attachment."
4560. 27th August. WILLIAM MORIARTY, of Carterton, Wairarapa, New Zealand, Merchant.—An invention for a new or improved butter-separator, which can be also used as a churn.* (Abandoned.)
4561. 28th August. GEORGE JOHN HOSKINS and CHARLES HENRY HOSKINS, of Sydney, New South Wales, Engineers.—An invention for an improved punching machine, the same being more especially adapted for punching holes in cylindrical surfaces.
4562. 28th August. GEORGE JOHN HOSKINS and CHARLES HENRY HOSKINS, of Sydney, New South Wales, Engineers.—An invention for an improved machine for caulking seams and joints in steam boilers and other analogous constructions.
4563. 28th August. MAXIMILIAN JOSEPH HARTUNG, of Botany, near Sydney, New South Wales, Analytical Chemist and Metallurgist.—An invention for improvements in the treatment of metalliferous materials and ores for the production of plumbic salts and chlorine and the extraction of gold.