765. To John Gurney, of Bradford, in the county of York, Wool Stapler, for the invention of "an improvement in machinery or apparatus for spinning wool and other fibrous materials."

766. To James Higgin, of the city of Manchester, in the county of Lancaster, Manufacturing Chemist, for the invention of "improvements in the mode or method of separating metals from each other when in conjunction, and in obtaining useful products therefrom."

767. To John Swarbrick, of Baxenden, near Acrington, in the county of Lancaster, Engineer and Millwright, for the invention of "improve-

ments in steam boilers."

768. To Joseph Bentley, of Liverpool, in the county of Lancaster, Gun Manufacturer, for the invention of "improvements in breech loading fire-arms."

769. To Henry Seebohm, of Bradford in the county of York, for the invention of "improvements in preparing and combing wool, goats' hair, alpaca, cotton, and other fibrous material."

770. To George Seaborn Parkinson, of West-bourne Park-road, in the county of Middlesex, Gentleman, for the invention of "improvements in railway breaks."

771. To Bernhard Samuelson, of Banbury, in the county of Oxford, for the invention of "improvements in machinery for cutting turnips and other vegetable substances."

772. To Robert Brisco, of Low Mill House, in the parish of Saint Bees, in the county of Cumberland, Esquire, and Peter Swires Horsman, of the parish of Saint John's Beckermet, in the same county, Gentleman, for the invention of "certain improvements in

heckling machinery."

773. To Henry Young Darracott Scott, of Queen's-terrace, Woolwich, in the county of Kent, Captain in the Royal Engineers, for the invention of "an improved mode of manufac-

turing cement."

774. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improved machinery for raising and forcing fluids."—A communication.

775. To François Gustave Benôit Capouillet, of Brussels, in the Kingdom of Belgium, Manufacturing Chemist, for the invention of "improved apparatus for generating heat by the combustion of bituminous or resinous substances."-A communication.

776. To James Edward McConnell, of Wolverton, in the county of Buckingham, Civil Engineer, for the invention of "improvements in wheels, axle-boxes, and brakes for railway carriages."

- 777. And to John Hamilton Glassford, of Glasgow, in the county of Lanark, North Britain, Lithographer, for the invention of "improvements in lithographic and zincographic printing. On their several petitions, recorded in the Office of the Commissioners on the 4th day of April, 1854.
- 778. To Henry Blatter of Paris, France, and of 4, South-street, Finsbury, London, Watch Maker, for the invention of "an improved mode of constructing thermometers.
- 779. To William Gilpin, of No. 2, Moorgatestreet, London, Contractor, for the invention of "improvements in electrical communication."
- 780. To George Ross, of Falcon-square, in the city of London, Merchant, for the invention of "an improved mode of preventing the alteration of bank bills from one denomination to another."—A communication.

781. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improved apparatus for printing piece goods or fabrics."—A communication.
783. To Constant Bekaert, of the city of Paris,

27, Rue des Martyrs, for the invention of "improvements in machinery for doubling, twisting, and winding flax, silk, cotton, hemp, wool, and other fibrous substances."—A communication.

784. To Jonathan Harlow, of the Bordesley Works, Birmingham, for the invention of "improvements in the manufacture of metal bedsteads."

785. To Stephen Randoll Smith, of 2, Hanoverterrace, Cumberland-road, Bristol, for the invention of "improvements in vessels and apparatus used for raising sunken vessels and other bodies in the water, and for lowering materials for structural purposes in water.

787. And to William Rumsey Gillard, of Kirbystreet, in the county of Middlesex, Bookbinder, for the invention of "an improved method of colouring and ornamenting leather, vellum, book edges, paper, and other like substances employed in book-binding.

On their several petitions, recorded in the Office of the Commissioners on the 5th day of April,

788. To John Weston, Engineer and Builder, of Norwood, in the county of Surrey, for the invention of "improvements in transmitting and applying motive power for propelling railway trains, ships, boats, barges, and such like vessels, and for other useful and mechanical purposes."

790. To William G. Craig, of Newport, Monmouthshire, Engineer, for the invention of "an improved mode of making communications between the commander and the engineer, or the helmsman, or other person on shipboard."

792. To Joseph Nash, of No. 3, Thames-parade, Pimlico, in the county of Middlesex, Chemist, for the invention of "the manufacture and

refining of sugar."

794. To Auguste Edouard Loradoux Bellford, of 16, Castle-street, Holborn (City), London, Patent Agent, for the invention of "improvements in sewing machines."-A communication.

796. To Emile Dupont, of Boulogne-sur-Mer, in the Empire of France, for the invention of "improvements in the manufacture of certain cements.

798. To Josef Chanes, of 4, Davies-street, Berkeley-square, for the invention of "an improvement in the manufacture of ribs of umbrellas and parasols, and of busks and substitutes for bones of stays and dresses.

800. To Julian Bernard, of Club-chambers, Regent-street, in the county of Middlesex, Gentleman, for the invention of "an improved mode of stitching, or uniting and ornamenting various materials, and in machinery or appa-

ratus for the said purpose."

- 802. And to John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, and of Glasgow, North Britain, Gentleman, for the invention of "a revolving, blowing, and ventilating water extractor, for drying cloth." A communication from T. F. King, of the city of New York, in the United States of America. On their several petitions, recorded in the Office of the Commissioners on the 6th day of April,
- 805. To Alfred Tylor, of Warwick-lane, in the city of London, for the invention of "improvements in moderator lamps."-A communication.