also in the machinery or apparatus in connection therewith."

On his petition, recorded in the Office of the Commissioners on the 6th day of July, 1869.

2229. To William Keating Stock, of Darlington, in the county of Durham, Factory Manager, for the invention of "certain improvements in looms for weaving."

On his petition, recorded in the Office of the Commissioners on the 22nd day of July, 1869.

2253. To Robert Gillies Lowndes and John Reidboth of Auldhousefield Mill, in the county of Renfrew, North Britain, for the invention of "improvements in the manufacture of textile fabrics."

On their petition, recorded in the Office of the Commissioners on the 24th day of July, 1869.

2296. To Thomas William Lockyer, of 41A, Monkwell-street, in the city of London, Manufacturer, for the invention of "improvements in ladies panniers or bustles."

On his petition, recorded in the Office of the Commissioners on the 30th day of July, 1869.

2328. To John Thomas Way, of 9, Russell-road, Kensington, in the county of Middlesex, for the invention of "improvements in the manufacture of soap, and in cleansing wool and woollen goods."

On his petition, recorded in the Office of the Commissioners on the 3rd day of August, 1869.

2345. To Edward Beanes, of Cordwalles, near Maidenhead, in the county of Berks, for the invention of "improvements in preserving articles of food."

On his petition, recorded in the Office of the Commissioners on the 5th day of August, 1869.

2383. To Edwin Augustus Curley, of 19, Bartholomew-close, in the parish of Saint Bartholomew the Great, and in the city of London, Civil Engineer, for the invention of "improvements in means or apparatus for the better or more direct and effective application of reciprocating or intermittent motive power under certain circumstances, and which is especially applicable to lathes, sewing machines, velocipedes, and a great variety of manual and pedal apparatus."

On his petition, recorded in the Office of the Commissioners on the 10th day of August, 1869.

2402. To James Battle Austin, of Victoria-wharf Earl-street, Blackfriars, in the city of London, for the invention of "improvements in patterns for antique lace making, and for embroidery." On his petition, recorded in the Office of the Commissioners on the 11th day of August, 1869.

2411. To William Davis, of Great Yarmouth, in the county of Norfolk, Mining Engineer, for the invention of "improvements in machinery or apparatus for stamping, crushing, and grinding ores and such like substances."

2413. To David Barker, of Northfleet, in the county of Kent, for the invention of "improvements in the manufacture of artificial fuel."

2415. And to James Deas, of Glasgow, Civil Engineer, and Richard Christopher Rapier, of 5, Westminster-chambers, Westminster, in the county of Middlesex, Civil Engineer, for the invention of "improvements in lifting jacks for lifting railway rails."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of August, 1869.

2417. To Heron Hudson, of Melton House, Oaks-crescent, Wolverhampton, in the county of Stafford, for the invention of "an improved apparatus for effecting communication between railway passengers, guards, and engine drivers."

2418. To David Aspland Gibbs, of 76, Miltonstreet, in the city of London, Soap Maker, for the invention of "improvements in compositions for coating or covering the sides and bottoms of ships and vessels."

2419. To Edwin John Grabham, of Shepherdesswalk, in the county of Middlesex, Mechanical Engineer, for the invention of "improvements in machinery or apparatus for plaiting or folding textile fabrics, paper, and other like materials."

2427. And to Westley Richards, of Birmingham, in the county of Warwick, for the invention of "improvements in breech loading fire arms, and in cartridges to be used therewith."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of August, 1869.

2429. To James Kenyon, of Blackburn, in the county of Lancaster, Cotton Manufacturer, for the invention of "improvements in apparatus for consuming smoke and saving fuel."

2431. To Wilhelm Matt, of Homerton, in the county of Middlesex, for the invention of "an improved compound or composition in imitation of marble, veneer, and other substances to be used in the manufacture of fancy and other articles."

2437. And to George Ash, of Great Marlboroughstreet, in the county of Middlesex, Dentist, for the invention of "an improved denture or appliance for carrying and supporting artificial teeth in the mouth by suction."

On their several petitions, recorded in the Office of the Commissioners on the 14th day of August, 1869.

2439. To Jonathan Mitchell, of Bradford, in the county of Yorkshire, Bricklayer, for the invention of "improvements in kilns for burning bricks, lime, and articles of earthenware."

2440. To Henry Pinkus, of 62, Camden-road, Camden Town, in the county of Middlesex, for the invention of "improvements in furnaces and other heating apparatus, and in the methods of applying and using therewith certain elements of combustion, and in the combinations therewith of the processes with materials to be used in the manufactures of metals and other things and uses, and in the mechanical constructions necessary therefor."

2441. To James Blyde, of Sheffield, in the county of York, for the invention of "improvements in scissors or apparatus especially suitable for gathering flowers and fruit."

2443. To John Gallemore Dale and Edward Milner, of Warrington, in the county of Lancaster, for the invention of "an improved method of producing white pigments from lead."

2445. To Henri Adrien Bonneville, of the British and Foreign Patent Offices, 10, Sackville-street, Piccadilly, in the county of Middlesex, Patent Agent, for the invention of "improvements in the process of charging and discharging fuel in gas retorts or other gas distilling apparatus."—A communication from Henry Ludovic, a person resident at 98, Boulevart Richard-Lenoir, Paris, in the Empire of France, Manufacturer.

2447. To Samuel Harvey, of Dale-road, Haverstock-hill, in the county of Middlesex, Engineer, for the invention of "improvements in apparatus for indicating signals between passengers and guards in railway trains."