914. To William Smale, of the Oxford-road Mills, Macclesfield, in the county of Chester, for the invention of "improved machinery or apparatus for figure weaving, in combination with a jacquard loom."

915. To Claude François Constant Cretin-Borne, of Glasgow, in the county of Lanark, for the invention of "improved means or apparatus for ventilating or supplying air to mines and other

places."

917. To Ellis Butterworth, of Calder Cottage, near Rochdale, in the county of Lancaster, Machinist, for the invention of "improvements

in furnaces or fire places."

918. To William Robert Lake, of the "International Patent Office," No. 8, Southamptonbuildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "an improved mode of, and apparatus for, effecting the continuous return into a steam boiler of the water evaporated and taken from the same." - A communication to him from abroad by François Nicolas Santenard, of Dijon, in the Empire of France.

919. To George Martin, of Toadsmoor Mills, near Stroud, in the county of Gloucester, for the invention of "improvements in the treatment of mixed fabrics, and in the extraction of wool therefrom, and in the construction of apparatus to be used for such treatment, which apparatus is also applicable to other purposes.'

- 920. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "an improved manufacture of covering for floors."—A communication to him from abroad by William Howell, James C. Fenn, and Charles H. Day, all of Philadelphia, State of Pennsylvania, United States of America.
- To Benjamin Edward Reina Newlands, F.C.S., of 4, Malvern-terrace, Charlton, in the county of Kent, for the invention of "improvements in treating and obtaining products from spent oxide of iron, which has been used in gas works or otherwise to separate sulphur from sulphuretted hydrogen, and in the purification of sulphur obtained from such oxide of iron."
- 924. To Robert Alfred Wright, of Homerton, in the county of Middlesex, Engineer, for the invention of "improvements in the mode of and apparatus for cutting and dressing millstones and other stones."
- 925. To John Barnes Linnett, of Birmingham, in the county of Warwick, Printer, for the invention of "improvements in the means of producing optical illusions."
- 926. And to George Wailes, of Stroud, in the county of Gloucester, Engineer, for the invention of "improvements in the manufacture of safes or strong boxes."

On their several petitions, recorded in the Office of the Commissioners on the 18th day of March,

- 928. To Pearson Hill, of No. 59, Leinster-square, in the county of Middlesex, for the invention of "improvements in breaks for perambulators and other vehicles propelled by hand."
- 929. To Benjamin Parks, of Lewisham, in the county of Kent, for the invention of "improvements in machinery or apparatus for separating and crushing breeze or cinders in one combined action."
- 931. To William Robert Lake, of the "International Patent Office," No. 8, Southampton- 1868.

buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "improvements in ventilating windows and window blinds."—A communication to him from abroad by William Pitt Hoffman, of San Francisco, California, United States of America, Gentleman.

932. To Job Edwards, of Wednesbury, in the county of Stafford, Manufacturer, for the invention of "improvements in props or supports for supporting the roofs of coal or

other mines?

- 933. To William Redman, of Bank Foot, Hebden Bridge, in the county of York, Self-Acting Minder, for the invention of "improvements in means or apparatus for the formation or building of cop bottoms in machinery for spinning and twisting cotton or other fibrous substances.
- 934. To Eilis Rowland, of Manchester, in the county of Lancaster, Eugineer, and John Dalton, of the same place, Gentleman, for the invention of "certain improvements in the method and arrangement of apparatus for closing dampers, which apparatus may also be employed for measuring liquids."
- 935. To George Davies, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, and No. 87, St. Vincent-street, in the city of Glasgow, Civil Engineer and Patent Agent, for the invention of "improvements in machinery for combing cotton and other fibres."-A communication to him from abroad by Milton D. Whipple, of Cambridge, Massachusetts, in the United States of America.
- 937. To William Richardson, of Oldham, in the county of Lancaster, Mechanical Engineer, for the invention of "improvements in machinery for the manufacture of bricks and tiles.'
- 938. To Frederick Warner, of Jewin-crescent, in the city of London, Engineer, and Henry Chopping, of Roxwell, in the county of Essex, for the invention of "improvements in windmills."
- 939. To William Hooper, of Mitcham, in the county of Surrey, for the invention of "improvements in treating India rubber, and in the manufacture therefrom of fabrics, and of insulated telegraphic conductors."
- 940. To John Lewis Geiger, of No. 1, Great Winchester-street-buildings, in the city of London, for the invention of "improvements in doubling, twisting, and throwing silk, and in apparatus therefor."—A communication to him from abroad by Eugene Duseigneur-Kléber, a person resident at 29, Cours Morand, Lyons, in the Empire of France.
- 942. To Louis Encausse, of Madrid, in the Kingdom of Spain, Chemist, for the invention of "improvements in the application of remedial agents to the human frame, and in the apparatus employed therein."
- 943. And to Humphrey Chamberlain and John Craven, both of Wakefield, in the county of York, Engineers, and Hermann Wedekind, of No. 2, Dunster-court, Mineing-lane, in the city of London, Engineer, for the invention of "improvements in the burning and drying of bricks, lime, cement, and other like substances, and in the kilns employed therein."-Partly a communication to them from abroad by Friedrich Hoffmann, of Berlin, in the Kingdom of Prussia, and partly their own invention.

On their several petitions, recorded in the Office of the Commissioners on the 19th day of March,