1873. To John Talbot Pitman, of the American and Foreign Patent Offices, No. 67, Grace-church-street, London, for the invention of "an improved process in the vulcanization of india rubber, and other similar substances under pressure."—A communication to him, by Messrs. Bourn, Brown, and Chaffee, residing abroad, in the city of Providence, in the State of Rhode Island, one of the United States of America.

1874. To Benjamin Arnold, of East Greenwich, in the State of Rhode Island, in the United States of America, for the invention of "im-

provements in machinery for netting."

1875. To John Talbot Pitman, of the American and European Patent Offices, No. 67, Gracechurch-street, London, for the invention of "an improved press."—A communication to him from Messrs. Bourn, Brown, and Chaffee, of Providence, in the State of Rhode Island, one of the United States of America, residing abroad.

1876. To John Hall, of Blackburn, in the county of Lancaster, Tea Dealer, for the invention of

"improvements in sewing machines."

1877. To Edward Billington, of the city of Manchester, in the county of Lancaster, Machinist, for the invention of "improvements in machinery, or apparatus for combing cotton, wool, flax, tow, silk, and other fibrous materials, and in machinery, or apparatus for preparing the same to be combed or carded."

1878. To Francis Xavier Kukla, of Pentonvilleroad, in the county of Middlesex, for the invention of "an improved self regulating gas

burner."

- 1879. To James Higgin, of the city of Manchester, Cotton Merchant, for the invention of improvements in railways, in railway carriages, and in the mode of retarding and stopping railway carriages."
- 1881. To Edouard Armand, Count de Strada, of Paris, France, Captain in the French army, for the invention of "improvements in horse's bridles."
- 1882. To William Edward Newton, of the Office for Patents, No. 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "a new or improved musical instrument."—A communication to him from abroad, by Clarendon Williams and E. F. Falconet, of Nashville, Davidson County, State of Tennessee, in the United States of America.
- 1883. To William Edward Newton, of the Office for Patents, No. 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improvement in woodensoled boots and shoes or clogs."—A communication to him from abroad, by Marshall Jewell, of the city of Hartford, in the State of Connecticut and United States of America.
- 1884. To William Edward Newton, of the Office of Patents, No. 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in washing machines."—A communication to him from abroad, by Henry M. Coombs and Levi W. Nelson, of Portland, in the county of Multnomal, State of Oregon, in the United States of America.
- 1885. To William Clark, of No. 53, Chancerylane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in embroidering machines."—A communication to him from abroad, by Mr. Alphonse Maureau, Civil Engineer, of Paris, in the Empire of France.

- 1886. To John Stephens, of No. 3, Augustaplace, Lyncombe-hill, Bath, for the invention of "improvements in the arrangement of wheeled carriages, to facilitate their movement on soft or uneven land."
- 1887. And to Jacques Rives, of No. 15, Rue des Enfants Rouges, Paris, in the Empire of France, tor the invention of "improvements in looms for weaving, and in preparing cards for the same."
- On their several petitions, recorded in the Office of the Commissioners on the 3rd day of August, 1860.
- 1890. To William Taylor, Clerk, Jeremiah Pendlebury, and Thomas Bailey, Engineers, and Richard Harrell, all of Preston, in the county of Lancaster, for the invention of "imprevements in 'temples,' used in weaving textile fabrics."
- 1891. To William Edward Gedge, of the firm of John Gedge and Son, No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "an improved cork cutting machine."—A communication to him from abroad, by Barthélemy Belzon, of St. Paul de Fenouillet, Département des Pyrénées Orientales, France, Engineer.
- 1892. To James Hunter, of Coltness Iron Works, Cambusnethan, in the county of Lanark, North Britain, Ironmaster, for the invention of "improvements in machinery or apparatus for boring and winding for mining purposes."
- 1893. To Johan Fredrik Klintin, of Stockholm, for the invention of "improvements in ships logs."
- 1895. To James Higgins, of Salford, in the county of Lancaster, Machine Maker, and Thomas Schofield Whitworth, of the same place, Manager, for the invention of "improvements in carding engines."
- 1896. And to Thomas Webb, of Smallwood Manor, Uttoxeter, in the county of Stafford, Gentleman, for the invention of "improvements in gates."
- On their several petitions, recorded in the Office of the Commissioners on the 4th day of August, 1860.
- 1897. To William Redgrave, of No. 24, Woodstreet, Lambeth, in the county of Surrey, Clothier, for the invention of "an improved inflated, undulating, artificial bust."
- inflated, undulating, artificial bust."
  1899. To Henry de Mornay, of Bayswater, in the county of Middlesex, Gentleman, for the invention of "impovements in apparatus for sorting and preparing tea for the market."
- 1900. To George Jeffries, of the city of Norwich, Gunmaker, for the invention of "improvements in machinery or apparatus for filling cartridges."
- 1901. And to Frederick Schwann, of No. 4, Gresham-street, in the city of London, for the invention of "improvements in dressing and stiffening fabrics and yarns."
- On their several petitions, recorded in the Office of the Commissioners, on the 6th day of August, 1860
- 1903. To Frederic Hudson, of No. 227, Blackfriars-road, in the county of Surrey, for the invention, of "improvements in spring rollers for window blinds."
- 1905. To Charles Langdon Davies, of No. 37, Queen's-square, Bloomsbury, in the county of Middlesex, Gentleman, for the invention of "improved apparatus for printing and embossing,"