

of the Commissioners on the 21st day of July, 1869.

2220. To William Currie, of Edinburgh, Scotland, India Rubber Manufacturer, for the invention of "improvements in manufacturing and fastening the soles and heels of boots and shoes."

2224. To John Green, of Lisburn, in the county of Down, in Ireland, Rope and Twine Manufacturer, for the invention of "improvements in the manufacture of ropes, cords, and twines, and in the machinery therefor."

2226. To William Bull, of Waltham Cross, in the county of Essex, for the invention of "improvements in velocipedes."

2228. To William Dennis, of 57, Aldermanbury, in the city of London, Merchant, for the invention of "improvements in letter boxes, letter pillars, and such like depositories."

2230. To Joseph Walsh, of the city of Manchester, in the county of Lancaster, Perambulator Manufacturer, for the invention of "improvements applicable to hoods for invalid perambulator and other vehicles."

2234. To Joseph Hayward, of Eckland Bridge Works, near Penistone, in the county of York, for the invention of "improvements in the manufacture of combs."

2236. And to William Laing, of Carron Vale, in the county of Stirling, North Britain, for the invention of "improvements in washing machines, which improvements are also applicable to churns."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of July, 1869.

#### PATENTS WHICH HAVE BECOME VOID.

**A** LIST of the Letters Patent for Inventions which have become void by reason of the non-payment of the additional Stamp Duty of £50, before the expiration of the third year from the date of such Patents, pursuant to the Act of the 16th Vict., c. 5, sec. 2, for the week ending the 24th day of July, 1869.

1869. John McVitie, of Preston, in the county of Lancaster, Machinist, for an invention of "certain improvements in mules for spinning."—Dated 18th July, 1866.

1870. John Macintosh, of North-bank, Regent's-park, in the county of Middlesex, and William Hoggelt, of Lindsey-houses, Chelsea, in the county of Middlesex, for an invention of "improvements in elastic fabrics."—Dated 18th July, 1866.

1875. Jean Joseph Louis Marie Lagarrigue and Pierre Aristide Castera, both of Upper Clapton, in the county of Middlesex, for an invention of "a new or improved mode of actuating or working the points or crossings of railways, so as to dispense with pointsmen."—Dated 18th July, 1866.

1876. Frederick Tolhausen, of 149, Boulevard Magenta, Paris, Patent Agent, for an invention of "improvements in sewing and button hole machines."—Is a communication to him from Emil Cajar and Charles Sichel, two persons resident at New York, in the United States of America.—Dated 18th July, 1866.

1877. John Goad and Edmond Goad, both of Plymouth, in the county of Devon, Limestone Merchants; for an invention of "improvements in mile posts and other indicators or signs used on railways and other places."—Dated 18th July, 1866.

1881. William Tongue, of Wakefield, in the county of York, Engineer, for an invention of "improved methods and apparatus for steeping, boiling, bleaching, and dyeing fibrous materials."—Dated 19th July, 1866.

1882. Samuel Longbottom and Thomas Shaw, of Brighouse, in the county of York, Machine Makers, for an invention of "improvements in machinery for condensing wool or other fibrous substances."—Dated 19th July, 1866.

1884. Frederick Neidlinger, of Allen-street, Goswell-street, in the county of Middlesex, Engineer, for an invention of "improvements in sewing machines."—Communicated to him from abroad by Charles Crosby, of New Haven, and John Schenck, of New York, both in the United States of America.—Dated 19th July, 1866.

1885. Robert Irvine, of Magdalen Bridge, in the county of Midlothian, North Britain, Chemist, and Peter Brash, of Leith, in the same county, Soap and Candle Manufacturer, for an invention of "improvements in the treatment of certain residues, in order to obtain fatty acids therefrom."—Dated 19th July, 1866.

1888. Marc Antoine François Mennons, of the firm of Mennons and Telescheff, Home and Foreign Patent Agents, of No. 8, Southampton-buildings, in the county of Middlesex, and 27, Rue Laftite, Paris, in the Empire of France, for an invention of "improvements in the mode of and apparatus for generating gas for lighting, heating, and other purposes."—It is a communication from Jaroslav Zadora Paszkowski and Olgerd Sabinski, persons resident at Brussels, in the Kingdom of Belgium.—Dated 20th July, 1866.

1891. Hugh Smith, of the firm of Smith Brothers, and Company, of Glasgow, in the county of Lanark, North Britain, Engineers, for an invention of "improvements in rivetting, boring, and other apparatus and arrangements to be used in constructing ships, bridges, boilers, and other metallic structures."—Dated 21st July, 1866.

1895. William Bellamy, of Birmingham, in the county of Warwick, Electro Plater, for an invention of "certain improvements in apparatus used for imbibing or sucking in liquids known as bombillas."—Dated 21st July, 1866.

1896. Germain Canouil, of Paris, France, Chemist, for an invention of "improvements in amorces or primings for fire-arms, toy-arms, or detonating toys."—Dated 21st July, 1866.

1897. Germain Canouil and François Armand Blanchon, of Paris, France, Gentleman, for an invention of "improvements in fire-arms, toy-arms, and detonating toys."—Dated 21st July, 1866.

1900. Moses Bayliss, of the firm of Bayliss, Jones, and Bayliss, of Wolverhampton, in the county of Stafford, Manufacturers, for an invention of "improvements in machinery for the manufacture of bolts and spikes, and other similar articles."—Dated 21st July, 1866.

1901. Robert Newton, of Lower Providence Mill, near Keighley, in the county of York, for an invention of "improved means or apparatus for consuming smoke in the furnaces of steam boilers, also in other furnaces where applicable."—Dated 21st July, 1866.

1907. Alexander Magnin, of 29, Boulevard St. Martin, Paris, Lamp Maker, for an invention of "improvements in lamps and other lighting and heating apparatus fed by mineral or other volatile liquids."—Dated 23rd July, 1866.

1908. Alonzo Kimball, of Glasgow, in the county of Lanark, North Britain, for an invention of