

905. And Daniel W. Fish, of the city of Brooklyn, county of Kings, and State of New York, United States of America, for the invention of "improvements in hand stamps."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of March, 1873.

910. To Francis Henry Stubbs and George Henry Cottam, both of Hunslet, near Leeds, in the county of York, for the invention of "improvements in coal cutting machines."

912. To Robert Stevenson Symington, of Glasgow, in the county of Lanark, North Britain, Telegraph Engineer, for the invention of "improvements in apparatus for dealing with sewage and other refuse or waste, so as to lessen the pollution of rivers."

914. To Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Rue de la Chaussée d'Antin, Paris, France, and 6, Piccadilly, in the county of Middlesex, Patent Agent, for the invention of "a new and improved regulator or governor for adjusting the speed or rotary motion of steam engines."—A communication from Ernst Schenck, Baronet, and Wilhelm Maurer, two persons resident at Vienna, Austria, Administrators of the firm Dampfmashinen Regulator Fabrik Friedrich and Co., in Vienna.

916. To Charles Moseley, of Ardwick, in the city of Manchester, India Rubber Manufacturer, for the invention of "improvements in apparatus for condensing the vapours of naphtha."

918. To Newton John Suckling, of Market Hill, Maldon, in the county of Essex, Engineer, for the invention of "improvements in chaff cutting machines."

920. To Thomas Black, of Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in equilibrium berths or cabins for navigable vessels."

924. And to William Stebbins Fish, of Glasgow, in the county of Lanark, North Britain, Gentleman, for the invention of "an improved non-conducting covering, applicable for steam boilers and engines, which may also be used for preventing the radiation of heat generally."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of March, 1873.

#### 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 Vic., c. 5, sec. 2, for the week ending the 15th day of March, 1873.

692. Joseph Hopkinson, of Southport, in the county of Lancaster, Engineer, for an invention of "an improved arrangement of furnace and boiler for the generation of steam."—Dated 9th March, 1870.

694. James Duffey, of Chelsea, in the county of Middlesex, for an invention of "improvements in receptacles intended to be used as a protection from fire."—Dated 9th March, 1870.

696. John Neilson, of the firm of S. H. Dobbie and Company, Founders, of Glasgow, in the county of Lanark, North Britain, for an invention of "improvements in the manufacture of hollow cast iron cooking utensils, and in the

means or apparatus employed therefor or connected therewith, part of which apparatus is applicable to the moulding of other articles."—Dated 9th March, 1870.

697. George Fowler, of Basford, in the county of Nottingham, for an invention of "improvements in smelting iron ore, and in furnaces employed therein."—Dated 9th March, 1870.

698. William Oldfield Wilson, of Liverpool, in the county of Lancaster, Miller, for an invention of "improvements in mill stone picks."—Dated 9th March, 1870.

699. Mark Frow, of Leake, near Boston, in the county of Lincoln, Farmer, for an invention of "improved apparatus for facilitating the gathering and binding of cut crops into sheaves."—Dated 9th March, 1870.

701. William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for an invention of "improvements in threshing-machines, and in driving mechanism for the same and for other machinery."—Communicated to him from abroad by George B. Hamlin, of Willimantic, Connecticut, United States of America.—Dated 9th March, 1870.

702. Oliver Ormrod and Robert Hall, of Eagley, near Bolton, in the county of Lancaster, for an invention of "improved arrangements or combinations of machinery for finishing threads or yarns of cotton or other fibrous materials."—Dated 10th March, 1870.

706. Charles Aston Winder, of Sheffield, in the county of York, Engineer, for an invention of "an improved apparatus for use in drawing and forcing air, water, and other fluids."—Dated 10th March, 1870.

709. Joseph Arno Tatro, of Hartford, Connecticut, United States of America, for an invention of "an improved process for converting the whole product arising from the distillation of crude petroleum into a safe burning oil."—Dated 10th March, 1870.

710. John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for an invention of "improvements in the manufacture of wheel tires, hoops, bands, and such like articles, and in the machinery or apparatus employed therein."—Communicated to him from abroad by Hippolyte Ulysse Petin and Jean Marie Gaudet, of the firm of Petin, Gaudet, and Company, of Rive de Gier, in the Empire of France, Iron Masters.—Dated 10th March, 1870.

715. Samuel Chatwood, of Bolton, in the county of Lancaster, and John Sturgeon, of Bolton, in the county of Lancaster, for an invention of "improvements in direct acting power hammers, and in machinery for crushing and pulverising."—Dated 10th March, 1870.

717. Joseph Wallace, of 20, College-square East, Belfast, Ireland, Gentleman, for an invention of "improvements in apparatus for distilling."—Dated 10th March, 1870.

719. Francis Brusich, of Kingston-upon-Hull, Engineer, for an invention of "improvements in automatic apparatus for operating the dampers steam boilers and of other furnaces."—Dated 11th March, 1870.

722. John Moysey, of Leytonstone, in the county of Essex, Engineer, and Cornelius Thorne, of No. 16, Mark-lane, in the city of London, Merchant, for an invention of "improvements in hackling machinery, applicable especially to phormium tenax other long fibres."—Dated 11th March, 1870.