

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for
Inventions.

NOTICE is hereby given that—

997. Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, has given notice at the Office of the Commissioners of his intention to proceed with his application for letters patent for the invention of "improvements in revolving fire-arms."—A communication to him from abroad by James Benjamin Doelittle and George Otis Downing, of New Haven, State of Connecticut, United States of America.

999. And Hamilton Wood, of Osna-burg-street, Regent's-park, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "an improved process and apparatus for producing ornamental surfaces on wood."

As set forth in their respective petitions, both recorded in the said office on the 7th day of April, 1866.

1006. And Robert William Thomson, of Edinburgh, in the county of Mid-Lothian, North Britain, Civil Engineer, has given the like notice in respect of the invention of "improvements in steam gauges, and applicable to other pressure indicators."

As set forth in his petition, recorded in the said office on the 9th day of April, 1866.

1023. And James Sparrow and Samuel Poole, both of Frood Iron Works, near Wrexham, in the county of Denbigh, Iron Masters, have given the like notice in respect of the invention of "improvements in collecting the heated gases from blast furnaces, so as to utilise the same."

As set forth in their petition, recorded in the said office on the 10th day of April, 1866.

1030. And William Wishart, of Glasgow, in the county of Lanark, North Britain, and Peter Cameron, of Paisley, in the county of Renfrew, North Britain, Manufacturers, have given the like notice in respect of the invention of "improvements in apparatus for producing loom-sewed fabrics."

As set forth in their petition, recorded in the said office on the 11th day of April, 1866.

1045. And William John Cunningham, of North-crescent, Bedford-square, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in means or apparatus employed in drilling and ornamenting metal, wood, and other similar substances."

1047. And Samuel Chatwood, of Bolton, in the county of Lancaster, Safe and Lock Engineer, and John Sturgeon, of Burley, near Leeds, in the county of York, Consulting Engineer, have given the like notice in respect of the invention of "improvements in engines for obtaining motive power."

1050. And Thomas Brittan, of Tysoe-street, in the county of Middlesex, Telegraph Machinist, has given the like notice in respect of the invention of "improvements in telegraphic signalling apparatus."

1052. And Joseph Jefferson, Cornelius Jefferson, Lazarus Jefferson, Mordecai Jefferson, and John Greenway, of the firm of Joseph Jefferson and Company, all of Bradford, in the

county of York, Machine Makers and Iron Founders, have given the like notice in respect of the invention of "improvements in machinery for combing wool or other fibrous materials."

1055. And James Gresham, of The Atlas Works, in the city of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in, or applicable to, that apparatus for raising and forcing fluids and feeding steam boilers known as Giffards Injector."

As set forth in their respective petitions, all recorded in the said office on the 13th day of April, 1866.

1057. And Charles Henry Murray, of Loman-street, Southwark, in the county of Surrey, Machinist, and Mathew Jennings, of Durham Lodge, New Cross, in the county of Kent, Miner, have given the like notice in respect of the invention of "improved machinery for kneading, compressing, moulding, or forming clay or other plastic substances into bricks, tiles, pipes, or other useful or ornamental articles."

As set forth in their petition, recorded in the said office on the 14th day of April, 1866.

1079. And Clinton Edgcumbe Brooman, of the firm of Robertson, Brooman, and Company, of 166, Fleet-street, in the city of London, Patent Agents, has given the like notice in respect of the invention of "improvements in crushing, separating, and washing ores and other substances, and in apparatus employed therein."—A communication to him from abroad by Louis Bataille, of Ovada, Italy.

As set forth in his petition, recorded in the said office on the 17th day of April, 1866.

1090. And James Marshall, of Gainsborough, in the county of Lincoln, has given the like notice in respect of the invention of "improvements in apparatus for heating the water supplied to locomotive and other multitubular steam boilers."

1092. And Charles Mathew Barker, of No. 12, Kennington-park-road, in the county of Surrey, Engineer, has given the like notice in respect of the invention of "improvements in apparatus used in distilling fatty and other matters."

As set forth in their respective petitions, both recorded in the said office on the 18th day of April, 1866.

1099. And Ebenezer Tuttle, of Canaan, county of Somerset, and State of Maine, United States of America, has given the like notice in respect of the invention of "improvements in water wheels."

As set forth in his petition, recorded in the said office on the 19th day of April, 1866.

1112. And Charles Hastings and James Briggs, of the firm of Messieurs Charles Hastings and Company, of Bradford, in the county of York, Manufacturers, and James Law and Hiram Mitchell, of the same place, Managers, have given the like notice in respect of the invention of "improvements in machinery for spinning and doubling."

1113. And Charles James Waddell and Hugh Cameron Bell Muir, both of the city of Manchester, Engineers, have given the like notice in respect of the invention of "improvements in valves for steam and other fluids."

As set forth in their respective petitions, both recorded in the said office on the 20th day of April, 1866,