

like notice in respect of the invention of "certain improvements in looms for weaving."

75. And John Petrie, junior, of Rochdale, in the county of Lancaster, Ironmonger, and Samuel Taylor, of the same place, Mechanic, have given the like notice in respect of the invention of "improvements in machinery or apparatus for washing or scouring wool."

As set forth in their respective petitions, both recorded in the said office on the 11th day of January, 1853.

93. And John Rumley, of South Shields, in the county of Durham, has given the like notice in respect of the invention of "certain improvements in pumps."

As set forth in his petition, recorded in the said office on the 13th day of January, 1853.

289. And William Constable, of the Photographic Institution, Brighton, in the county of Sussex, has given the like notice in respect of the invention of "improvements in transmitting motive power to machinery, and in regulating the action of rotary machines."

As set forth in his petition, recorded in the said office on the 29th day of January, 1853.

251. And Louis Guillaume Perreaux, of Paris, in the Empire of France, Engineer, has given the like notice in respect of the invention of "improvements in machinery or apparatus for testing and ascertaining the strength of yarn, thread, wire, strings, or fabrics."

As set forth in his petition, recorded in the said office on the 31st day of January, 1853.

472. And Thomas Browne Jordan, of New Cross, in the county of Kent, Engineer, has given the like notice in respect of the invention of "improvements in machinery for planing slate."

As set forth in his petition, recorded in the said office on the 24th day of February, 1853.

567. And Jacques François Dupont de Bussac, of London, 19, Royal Avenue-terrace, King's road, Chelsea, in the county of Middlesex, has given the like notice in respect of the invention of "certain improvements in paving and covering places."—A communication.

As set forth in his petition, recorded in the said office on the 7th day of March, 1853.

602. And Edward Maitland Stapley, of Lawrence-lane, in the city of London, has given the like notice in respect of the invention of "improvements in machinery for breaking and dressing flax and other fibrous materials."—A communication.

As set forth in his petition, recorded in the said office on the 9th day of March, 1853.

782. And Robert Evans Peterson, of Tottenham-court-road, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "an improved piston."—A communication.

As set forth in his petition, recorded in the said office on the 1st day of April, 1853.

880. And François Felix Verdié, Manufacturer, of Lorette, department of Loire, in the French Empire, has given the like notice in respect of the invention of "certain improvements in welding cast steel with iron, steel, cast iron, and other metals."

As set forth in his petition, recorded in the said office on the 12th day of April, 1853.

898. And Moses Robinson, of Brussels, in the Kingdom of Belgium, has given the like notice in respect of the invention of "certain im-

proved means for preventing accidents on railways."

As set forth in his petition, recorded in the said office on the 14th day of April, 1853.

943. And Frederick Henry Smith, of 264, Borough of Southwark, has given the like notice in respect of the invention of "improvements in apparatus for cleansing the interior of tubular boilers and other hollow articles."

946. And Thomas Day, of Birmingham, in the county of Warwick, has given the like notice in respect of the invention of "a certain improvement in the manufacture of boots and shoes, whereby great ease is secured to the wearer."

As set forth in their respective petitions, both recorded in the said office on the 19th day of April, 1853.

1010. And John Hetherington, of the city of Manchester, Machine Maker, and John Dugdale the younger, and Edward Dugdale, both of Blackburn, Machine Makers, all in the county of Lancaster, have given the like notice in respect of the invention of "improvements in constructing and applying models or patterns for moulding, preparatory to casting iron, brass, and other metals for various purposes."

As set forth in their petition, recorded in the said office on the 27th day of April, 1853.

1029. And John Hetherington, of the city of Manchester, in the county of Lancaster, Machine Maker, has given the like notice in respect of the invention of "certain improvements in machinery for combing cotton, wool, silk waste, flax, tow, and other fibrous substances."

1032. And Peter Fairbairn, of Leeds, in the county of York, Machinist, and Ferdinand Kaselowsky, of the city of Berlin, Engineer, have given the like notice in respect of the invention of "improvements in machinery for drawing, roving, and spinning flax, hemp, and other fibrous substances."

As set forth in their respective petitions, both recorded in the said office on the 28th day of April, 1853.

1075. And Richard Quin, of 5, Rodney-street, Pentonville, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the manufacture of cases for jewellery, for optical and other instruments, miniatures, and other articles."

As set forth in his petition, recorded in the said office on the 3rd day of May, 1853.

1096. And Thomas Taylor, of the Patent Saw Mills, Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in apparatus for measuring and for governing the flow of water and other liquids."

1097. And William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in apparatus for rolling iron."—A communication.

As set forth in their respective petitions, both recorded in the said office on the 4th day of May, 1853.

1108. And John Hetherington, of Manchester, in the county of Lancaster, Machine Maker, has given the like notice in respect of the invention of "improvements in preparing cotton, wool,