

715. And John Cox, of Gorgie Mills, in the county of Edinburgh, Glue Maker, has given the like notice in respect of the invention of "improvements in swimming baths, and in apparatus for swimming, part of which apparatus is applicable to sailing or moving vessels in a circle."

As set forth in his petition, recorded in the said office on the 17th day of March, 1863.

750. And Charles Pryse, of Birmingham, in the county of Warwick, Manufacturer, and David Kirkwood, of the same place, Gun Maker, have given the like notice in respect of the invention of "improvements in breech loading firearms, part of which improvements are also applicable to other descriptions of firearms."

As set forth in their petition, recorded in the said office on the 20th day of March, 1863.

797. And John Norton, of Bray, in the county of Wicklow, Ireland, Esquire, has given the like notice in respect of the invention of "improvements in projectiles or ignition missiles."

As set forth in his petition, recorded in the said office on the 26th day of March, 1863.

801. And John Grantham, of 31, Nicholas-lane, in the city of London, Civil Engineer, has given the like notice in respect of the invention of "improvements in apparatus connected with machinery used in manufacturing compressed fuel."

805. And William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, has given the like notice in respect of the invention of "improvements in winding or copping frames."—A communication to him from abroad by Jean Jacques Bourcart, Engineer, of 29, Boulevard, St. Martin, Paris.

As set forth in their respective petitions, both recorded in the said office on the 27th day of March, 1863.

839. And William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, has given the like notice in respect of the invention of "improvements in preventing fermentation in alcoholic and other liquids while drawing them from their containing vessels, and in apparatus for the same."—A communication to him from abroad by Charles Pierre Laurens, Professor of Mathematics, Adolphe Peré, and François de Trégo-main, all of 29, Boulevard, St. Martin, Paris.

As set forth in his petition, recorded in the said office, on the 1st day of April, 1863.

845. And William Henry Phillips, of Nunhead, in the county of Surrey, Engineer, has given the like notice in respect of the invention of "improvements in means or apparatus for cleaning the bottoms of ships or other floating vessels."

As set forth in his petition, recorded in the said office on the 2nd day of April, 1863.

1291. And Augustus William Hofmann, of Fitzroy-square, in the county of Middlesex, F.R.S., Professor in the Royal College of Chemistry, has given the like notice in respect of the invention of "improvements in preparing coloring matters for dyeing and printing."

As set forth in his petition, recorded in the said office on the 22nd day of May, 1863.

1324. And Michael Henry, of 84, Fleet-street, in the city of London, Patent Agent, has given the like notice in respect of the invention of "improvements in apparatus for raising,

forcing, and moving fluids."—A communication to him from abroad by Louis Coignard, of 33, Boulevard, Saint Martin, Paris, France.

As set forth in his petition, recorded in the said office on the 26th day of May, 1863.

1335. And Francis Robert Piltz, of Frederick-street, Hampstead-road, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the mode of producing ornamental surfaces applicable to the general purposes of decoration."

1339. And Charles Eugene Laederich, of Paris, France, Gentleman, has given the like notice in respect of the invention of "improvements in watches."

As set forth in their respective petitions, both recorded in the said office on the 28th day of May, 1863.

1409. And Alfred James Hollingsworth, of No. 9, Oxford-street, Southampton, in the county of Hampshire, has given the like notice in respect of the invention of "a new or improved spirit compass with screw lever."

As set forth in his petition, recorded in the said office on the 8th day of June, 1863.

1546. And George Haseltine, of the International Patent Office, No. 12, Southampton-buildings, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "an improved oil more especially designed for mixing paints and colours and new mode of manufacturing the same."—A communication to him from abroad by Adolph Millochan, of the city, county, and state of New York, United States of America.

As set forth in his petition, recorded in the said office on the 20th day of June, 1863.

1594. And James Leigh Hughes, of Leek-road, near Joiner-square, Hanley, Staffordshire, has given the like notice in respect of the invention of "improvements in ornamenting porcelain."

As set forth in his petition, recorded in the said office on the 24th day of June, 1863.

1616. And William Bradshaw and James Bradshaw, both of Blackburn, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in looms for weaving."

As set forth in their petition, recorded in the said office on the 27th day of June, 1863.

1642. And Hiram Hutchinson, Merchant, of No. 26, Rue Ne Dame des Victoires, Paris, has given the like notice in respect of the invention of "improvements in boots and shoes."

1643. And George Tomlinson Bousfield, of Loughborough-park, Brixton, in the county of Surrey, has given the like notice in respect of the invention of "a new and useful machine for preparing cotton wool or other fibrous material."—A communication to him from abroad by Cullen Whipple, a person resident at the city and county of Providence, in the State of Rhode Island, in the United States of America.

As set forth in their respective petitions, both recorded in the said office, on the 1st day of July, 1863.

And notice is hereby further given, that all persons having an interest in opposing any one of such applications, are at liberty to leave particulars in writing of their objections to such application, at the said Office of the Commissioners within twenty-one days after the date of the Gazette in which this notice is issued.