

that effect in the Privy Council Office, on or before the said 27th day of December, 1867.—Dated this 12th day of November, 1867.

Torr, Janeway, and Tagart, Solicitors, No. 38, Bedford-row, London, W.C., Agents for
W. Hy. Anthony, Liverpool, the Solicitor for the Petitioner.

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given that—

1978. Thomas Caless Thomas, of Banbury, in the county of Oxford, Cutler and Gas and Water Fitter, 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 water-closet fittings."

As set forth in his petition, recorded in the said office on the 6th day of July, 1867.

1993. And John Johnson, of Manchester, in the county of Lancaster, and Edward Shinn, of the same place, and Grindle Ragg, of Liverpool, also in the county of Lancaster, have given the like notice in respect of the invention of "improvements in signalling apparatus for general purposes, but which is more particularly applicable for use on board navigable vessels."

2000. And Matthew Piers Watt Boulton, of Tewpark, Oxfordshire, Esquire, has given the like notice in respect of the invention of "improvements in engines worked by the combustion of inflammable aeriform fluids, and in apparatus for producing such fluids."

2001. And Nathaniel Clayton and Joseph Shuttleworth, of Lincoln, in the county of Lincoln, have given the like notice in respect of the invention of "improvements in slide valves suitable for steam engines."

As set forth in their respective petitions, all recorded in the said office on the 8th day of July, 1867.

2006. And Gustave Gabillon, of No. 7, Rue Jaquet, Paris, in the Empire of France, Chemist, has given the like notice in respect of the invention of "a process to prepare and preserve paper and tissues with a solution of perchloride of iron, intended for stopping the bleeding of wounds."

2013. And William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, has given the like notice in respect of the invention of "improvements in machinery for manufacturing cards for combing or carding fibrous materials."—A communication to him from abroad by Augustus Bisco Prouty, of Worcester, Massachusetts, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 9th day of July, 1867.

2018. And James Edward Whiting, of Victoria-street, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of "improvements in suspension bridges and other structures in which girders are employed."

2019. And James Samuel Hood, of Vivian-road, near Victoria Park, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in life-buoys."

2020. And Daniel Collinge and John Collinge, of Oldham, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in looms for weaving sponge cloths by power."

2022. And Frederick Holmes, of Plumstead, in the county of Kent, Engineer, has given the like notice in respect of the invention of "improvements in pumps."

2023. And James Noah Paxman and Henry Matthews Davey, of the Standard Iron Works, Colchester, in the county of Essex, Engineers, have given the like notice in respect of the invention of "improvements in drying wheat and other grain and pulse and seeds, and in the apparatus employed therein."

2024. And George Davies, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, and No. 87, St. Vincent-street, in the city of Glasgow, Civil Engineer and Patent Agent, has given the like notice in respect of the invention of "an improved metallic eye for laces."—A communication to him from abroad by Louis Christian Hoffmeister, of Philadelphia, Pennsylvania, United States of America.

2027. 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 "improved apparatus for boring or perforating rocks, metals, or other substances."—A communication to him from abroad by Horric de la Roche Tolay, of Rue St. Sebastien, Paris, in the Empire of France.

As set forth in their respective petitions, all recorded in the said office on the 10th day of July, 1867.

2033. And John Sharp Henderson and John Macintosh, both of the city of Aberdeen, North Britain, have given the like notice in respect of the invention of "improvements in the manufacture of cylindrical metallic cases, and in the machinery or apparatus employed therefor."

2035. And John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in boots and shoes."—A communication to him from abroad by Edward Heaton, of New Haven, Connecticut, United States of America.

2040. And Edward Hohenbruck, of Vienna, at present residing at No. 7, Park-square West, Regent's-park, has given the like notice in respect of the invention of "improvements in breech loading fire arms."

As set forth in their respective petitions, all recorded in the said office on the 11th day of July, 1867.

2044. And Eugène Henri Bernier, of No. 12, Rue Corbeau, Paris, in the Empire of France, Civil Engineer, has given the like notice in respect of the invention of "improvements in safety apparatus for raising and lowering persons and weights in mines, applicable to other purposes."

2046. And James Hargreaves, of Appleton, within Widnes, in the county of Lancaster, Analytical Chemist, has given the like notice in respect of the invention of "improvements in the manufacture of steel and soft iron from cast iron."

2047. And William Blackett Haigh, of Oldham, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in machinery for tenoning wood."