

189. And Richard Howell, of Smethwick, in the county of Stafford, Gas Fitter, and Richard James Willder, of Birmingham, in the county of Warwick, Hatter, have given the like notice in respect of the invention of "an improvement or improvements in taps or stop-cocks."

198. And Bernard Lauth, late of Pittsburgh, State of Pennsylvania, U. S. A., but now residing at Surrey-street, in the city of Westminster, Mechanician, has given the like notice in respect of the invention of "an improved mode of and improved machinery for rolling plates, bars, rods, and shafts."

199. And John Edwards, of 77, Aldermanbury, in the city of London, has given the like notice in respect of the invention of "improvements in the manufacture of buckles."

As set forth in their respective petitions, all recorded in the said office on the 21st day of January, 1859.

206. And Thomas Webster Rammell, of No. 16, Spring-gardens, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in atmospheric propulsion and the structures, tubes, machinery, and apparatus applicable thereto."

As set forth in his petition recorded in the said office on the 22nd day of January, 1859.

210. And Robert Mushet, of Coleford, in the county of Gloucester, Metallurgist, has given the like notice in respect of the invention of "improvements in the manufacture of cast steel and iron."

211. And Robert Mushet, of Coleford, in the county of Gloucester, Metallurgist, has given the like notice in respect of the invention of "an improvement in the manufacture of cast steel."

212. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E.C., Patent Agent, has given the like notice in respect of the invention of "improvements in pumps."—A communication from François Ruff, residing at Paris.

213. And Joseph Laubereau, of Paris, in the Empire of France, Civil Engineer, has given the like notice in respect of the invention of "improvements in air engines."

As set forth in their respective petitions, all recorded in the said office on the 24th day of January, 1859.

226. And William Hodgson and Henry Hodgson, of Bradford, in the county of York, Tool and Machine Makers, have given the like notice in respect of the invention of "improvements in machinery or apparatus for preparing and spinning wool and other fibrous substances."

As set forth in their petition, recorded in the said office, on the 25th day of January, 1859.

236. And Isaac Hammond, of the city of Winchester, in the county of Hants, Gun Maker, has given the like notice in respect of the invention of "improvements in breech loading firearms, and in cartridges to be used therewith."

240. And Frederick Carl Christian Paulsen, and Albin Alsing, both of Emmett-street, Limehouse, in the county of Middlesex, have given the like notice in respect of the invention of "improvements in preparing beverages, usually called punch."

As set forth in their respective petitions, both recorded in the said office on the 26th day of January, 1859.

254. And James Gathercole, of Bath-terrace, Camberwell New-road, in the county of Surrey, Gentleman, has given the like notice in respect of the invention of "improved machinery for manufacturing envelopes and paper bags."

As set forth in his petition, recorded in the said office on the 27th day of January, 1859.

270. And Jean Justin Albert de Bronac and Augustin Joseph Martial Deherrypon, Civil Engineers, of Paris, in the Empire of France, have given the like notice in respect of the invention of "a new or improved process for treating metallic sulphurets, phosphurets, arseniurets, antimonurets, and particularly sulphuretted ores of lead, antimony, copper, silver, zinc."

As set forth in their petition, recorded in the said office on the 29th day of January, 1859.

281. And Laurent Rigolier, Engineer, residing at Lyon, Place Grolier, 5, Rhône, in the Empire of France, has given the like notice in respect of the invention of "a new brake for railway carriages."

294. And Edward Hammond Bentall, of Heybridge, near Maldon, in the county of Essex, Ironfounder, has given the like notice in respect of the invention of "improvements applicable to machinery for grinding or pulverizing various substances."

As set forth in their respective petitions, both recorded in the said office on the 1st day of February, 1859.

320. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E.C. Editor of the Mechanics' Magazine, and Patent Agent, has given the like notice in respect of the invention of "an improvement in cooling worts and beer."—A communication from Madame Jolibois, residing at Dijon, France.

As set forth in his petition, recorded in the said office on the 4th day of February, 1859.

372. 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 "certain improvements in breech-loading firearms, and in cartridges to be used in such firearms."—A communication from abroad by Gilbert Smith, of the State of New York, in the United States of America.

As set forth in his petition, recorded in the said office on the 9th day of February, 1859.

497. And George Turnbull, of Calcutta, in the province of Bengal, in the East Indies, Civil Engineer, has given the like notice in respect of the invention of "improvements in the permanent way of railways."

As set forth in his petition, recorded in the said office on the 23rd day of February, 1859.

603. And George Twigg, of Birmingham, in the county of Warwick, Manufacturer, has given the like notice in respect of the invention of "an improved fusee-igniter for the use of smokers."

As set forth in his petition, recorded in the said office on the 8th day of March, 1859.

676. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E.C., Patent Agent, has given the like notice in respect of the invention of "treating barley so as to obtain new alimentary substances therefrom."—A communication from Pierre Marmay, residing at Riom, France.

As set forth in his petition, recorded in the said office on the 17th day of March, 1859.