

84. And Edwin Pettitt, of Kingsland, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of improvements in the manufacture of ammoniacal salts and manures.

95. And William Oxley, of Manchester, in the county of Lancaster, Merchant and Mill Furnishing Manufacturer, has given the like notice in respect of the invention of improvements in apparatus for heating and drying.

101. Thomas Allan, of Adam-street, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of improvements in the application of carbonic acid gas to motive purposes.

106. And Thomas Allan, of Adam-street, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of improvements in propelling.

As set forth in their respective petitions, all recorded in the said office on the 1st day of October 1852.

174. And Alexander Campbell Duncan, of Glasgow, Calico Printer, has given the like notice in respect of the invention of improvements in the art or process of dyeing cotton, or other textile fabrics, or cotton or other yarns, when printed or mordanted with the colouring matter of madder or of dyewoods, and in machinery or apparatus employed therein.

As set forth in his petition, recorded in the said office on the 2nd day of October 1852.

198. And Edwin Bates, of No. 7, Great Portland-street, London, county of Middlesex, Gentleman, has given the like notice in respect of an invention for retarding and effectually stopping at discretion railway carriages, and also for carriages of all descriptions, for the more safely descending inclined planes, either in the streets, or on turnpike roads, to be called Bates's Break.

As set forth in his petition, recorded in the said office on the 4th day of October 1852.

230. And James Bullough, Manufacturer, David Whittaker, Overlooker, and John Walmesley, Mechanical Designer, all of Blackburn, in the county of Lancaster, have given the like notice in respect of the invention of improvements in sizing machines.

As set forth in their petition, recorded in the said office on the 5th day of October 1852.

285. And Edwin Pettitt, of Kingsland, in the county of Middlesex, Civil Engineer, and James Forsyth, of Caldbeck, Cumberland, Spinner, has given the like notice in respect of the invention of improvements in spinning and drawing cotton and other fibrous substances, and in machinery for that purpose.

As set forth in his petition, recorded in the said office on the 7th day of October 1852.

300. And Professor Andrew Crestadoro, of Genoa, in Italy, but now resident in Adelphi-place, Salford, in the county of Lancaster, has given the like notice in respect of the invention of certain improvements in impulsoria or machinery for applying animal power to railways, waterways, and common roads, and to other mechanical purposes, part of which improvements relate to railways and other carriages, to buffers, springs, breaks, and chains, and in the propelling vessels across liquid elements.

309. And James Yule, of St. Luke's-terrace, in the city of Gloucester, Mechanician, has given

the like notice in respect of the invention of an improved arrangement of sawing machinery.

As set forth in their respective petitions, both recorded in the said office on the 8th day of October 1852.

330. And Henry Moorhouse, of Denton, in the county of Lancaster, Tailor, has given the like notice in respect of the invention of improvements in machinery or apparatus for cleaning woollen, cotton, or linen rags and waste, which machinery or apparatus is applicable to cleaning and tempering clay, or other similar purposes.

As set forth in his petition, recorded in the said office on the 11th day of October 1852.

354. And Joseph Walker, of Dover, in the county of Kent, Merchant, has given the like notice in respect of the invention of improvements in machinery for crushing and bruising malt, grain, and seeds.

As set forth in his petition, recorded in the said office on the 12th day of October 1852.

360. And George Lloyd, of the parish of Budbrooke, in the county of Warwick, Doctor of Medicine, has given the like notice in respect of the invention of an improvement or improvements in the manufacture of paper.

365. And Edward Lloyd, of Dee Valley, near Corwen, Merionethshire, North Wales, Engineer, has given the like notice in respect of the invention of certain improvements in steam engines, the whole or part of which improvements are applicable to other motive engines.

As set forth in their respective petitions, both recorded in the said office on the 13th day of October 1852.

403. And Jeremiah Driver, of Keighley, in the county of York, Moulder, and John Wells, of Bradford, in the county of York, Moulder, have given the like notice in respect of the invention of improvements in moulding in sand and loom for the casting of iron and other metals.

404. And William Stevenson, of Preston, in the county of Lancaster, Manager, has given the like notice in respect of the invention of improvements in weft forks for power looms.

As set forth in their respective petitions, both recorded in the said office on the 15th day of October 1852.

453. And Frederick Richards Robinson, of Charlestown, in the state of Massachusetts and United States of America, has given the like notice in respect of the invention of an improvement in the gridiron or instrument for cooking steak or other articles by broiling.

463. William Harrison, of Blackburn, in the county of Lancaster, Machinist, has given the like notice in respect of the invention of certain improvements in machinery or apparatus for sizing and otherwise preparing cotton, wool, flax, and other warps for weaving.

As set forth in their respective petitions, both recorded in the said office on the 20th day of October 1852.

487. And Archibald Slate, of Dudley, in the county of Worcester, Civil Engineer, has given the like notice in respect of the invention of certain improvements in the manufacture and construction of cores and core bars, used in the production of hollow castings in iron and other metals.

As set forth in his petition, recorded in the said office on the 22nd day of October 1852.

509. And Charles Watson, of No. 31, Rhodes-street, Halifax, in the county of York, has