

1793. And Thomas Butterworth, of Oldham, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in machinery for spinning, rolling, compressing, and winding tobacco."

As set forth in his petition, recorded in the said office on the 8th day of July, 1871.

1803. And David Shive, of Philadelphia, Pennsylvania, United States of America, but now of No. 8, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in governors and governor valves for steam-engines and other machinery."

As set forth in his petition, recorded in the said office on the 10th day of July, 1871.

1833. And John Torrance and Thomas Torrance, both of Bitton, in the county of Gloucester, have given the like notice in respect of the invention of "an improved mode of, and apparatus for, bleaching and draining esparto fibre and other material employed in the manufacture of paper."

As set forth in their petition, recorded in the said office on the 13th day of July, 1871.

1853. 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 extracting resinous and gummy matters from wood, applicable to the conversion of wood and other like fibre bearing substances into paper stock."—A communication to him from abroad by William Adamson, of Philadelphia, in the United States of America, Manufacturer.

As set forth in his petition, recorded in the said office on the 15th day of July, 1871.

1862. And Wallace Cadman, of Holloway, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in window blinds, screens, and similar articles."

As set forth in his petition, recorded in the said office on the 17th day of July, 1871.

1876. And Henry Vaughan, of Number 78, Monks-road, in the city of Lincoln, Engine Fitter, has given the like notice in respect of the invention of "an improved self-acting escape valve for drawing off the condensed fluids from steam engines, pipes, and other vessels."

As set forth in his petition, recorded in the said office on the 18th day of July, 1871.

1879. And John Casthelaz, of Crumpsall Chemical Works, near Manchester, in the county of Lancaster, at present residing in Paris, in France, Manufacturing Chemist, and Charles Depouilly, of Paris, in France, Chemist, have given the like notice in respect of the invention of "improvements in size, or in preparations to be used in the stiffening, dressing, dyeing, or finishing of yarns, woven fabrics, and other fibrous materials."

As set forth in their petition, recorded in the said office on the 19th day of July, 1871.

1897. And Ferrar Fenton, of Dewsbury, in the county of York, has given the like notice in respect of the invention of "improvements in the purification and utilization of sewage and other refuse matters, whether in a liquid, semi-fluid, or solid state, and in the extraction or production therefrom of 'magma,' 'seak,' grease, soap, tallow, or oil."

As set forth in his petition, recorded in the said office on the 20th day of July, 1871.

1950. And Charles Wilson, of No. 298, Lawn-market, Edinburgh, Scotland, Butcher, has

given the like notice in respect of the invention of "improvements in trucks for conveyance of cattle by railway."

As set forth in his petition, recorded in the said office on the 25th day of July, 1871.

1983. And Robert Hughes, of the city of Worcester, in the county of Worcester, Surveyor, has given the like notice in respect of the invention of "improved apparatus for sweeping and cleansing roads, streets, and other places."

As set forth in his petition, recorded in the said office on the 28th day of July, 1871.

2003. And Christopher Bagot Lane, of Great George-street, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of "improvements in tramways and tram carriage wheels."

As set forth in his petition, recorded in the said office on the 29th day of July, 1871.

2013. And John Evelyn Liardet, of Waverley, near the city of Sydney, in the Colony of New South Wales, now residing at Ranworth Cottage, Walham-green, Fulham-road, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in apparatus to be used in connection with cables, ropes, or chains for mooring, towing, and the rigging of ships, to secure them from the risk of breaking when exposed to sudden strain or tension."

As set forth in his petition, recorded in the said office on the 31st day of July, 1871.

2029. And Alfred Mellor Watkin, of No. 18, Westbourne-terrace, Bayswater, Civil Engineer, has given the like notice in respect of the invention of "improvements in apparatus for relieving the slide valves of engines from the pressure of the steam or other fluid."

As set forth in his petition, recorded in the said office on the 1st day of August, 1871.

2080. And Benjamin Tanner, of New Brighton, in the county of Chester, Manufacturing Chemist, has given the like notice in respect of the invention of "improvements in the manufacture of phosphoric acid and phosphorus."

2084. And Henry Highton, M.A., of Putney, in the county of Surrey, has given the like notice in respect of the invention of "improvements in galvanic batteries."

As set forth in their respective petitions, both recorded in the said office on the 7th day of August, 1871.

2089. And Samuel Sharrock, of Aigburth, Liverpool, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in telegraph posts."

As set forth in his petition, recorded in the said office on the 8th day of August, 1871.

2098. And Samuel Telford Dutton, of the city of Worcester, Mechanical Engineer, has given the like notice in respect of the invention of "improvements in mechanism for working the points, signals, and level crossing gates of railways, in connection with locking apparatus or otherwise."

As set forth in his petition, recorded in the said office on the 9th day of August, 1871.

2103. And Edward Jones and Andrew Gray, both of No. 1, Lime-street-square, in the city of London, have given the like notice in respect of the invention of "improvements in the means for working pumps in shafts, pits, and other localities, more particularly applicable to pumps in deep mines."