

1705. And James Murdoch Napier, of York-road, Lambeth, in the county of Surrey, has given the like notice in respect of the invention of "improvements in weighing machines."

As set forth in his petition, recorded in the said office on the 30th day of June, 1871.

1713. And William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in mechanism for operating the valves of water meters."—A communication to him from abroad by Charles Wilberforce Kinne, of Cortland, New York, United States of America.

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

1733. And James Hargreaves, of Appleton-within-Widnes, in the county of Lancaster, Chemist, and Thomas Robinson, of Widnes, in the same county, Ironfounder, have given the like notice in respect of the invention of "improvements in the manufacture of sulphates, and in apparatus employed therein."

As set forth in their petition, recorded in the said office on the 4th day of July, 1871.

1757. And George Bell Galloway, of 15, George-street, in the city of London, Engineer, has given the like notice in respect of the invention of "improved constructions of roads and paths for streets and other places."

As set forth in his petition, recorded in the said office on the 5th day of July, 1871.

1769. And Henry Rowland Marsden, of Leeds, in the county of York, Engineer, has given the like notice in respect of the invention of "improvements in machinery or apparatus for breaking stones and for crushing ores and other hard and brittle substances."

1774. And William Houghton, of Great Grimsby, in the county of Lincoln, has given the like notice in respect of the invention of "improvements in machinery for cleaning grain."

As set forth in their respective petitions, both recorded in the said office on the 6th day of July, 1871.

1779. And Henry Philpot, of 21, Great Knight-rider-street, Doctors'-commons, E.C., has given the like notice in respect of the invention of "the application and utilization of the centrifugal force produced by the rotation of a steam ship's screw or propeller, for the purpose of exhausting the condenser, whereby pumps and other apparatus are avoided."—A communication to him from abroad by John Lucovich, of Trieste, in the Republic of France.

As set forth in his petition, recorded in the said office on the 7th day of July, 1871.

1795. And Robert Skinner, of the city and county of San Francisco, State of California, United States of America, has given the like notice in respect of the invention of "improvements in the manufacture of artificial stone for pavements, roadways, submarine walls, sewers, pipes, and other similar constructions."

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

1809. And George Henry Bachhoffner, of Marylebone-road, in the county of Middlesex, Doctor of Philosophy, has given the like notice in respect of the invention of "improvements in lamps."

As set forth in his petition, recorded in the said office on the 11th day of July, 1871.

1817. And John Carrington Sellars, of Birkenhead, in the county of Chester, Manufacturing Chemist, has given the like notice in respect of the invention of "improvements in metal founders' blacking."

As set forth in his petition, recorded in the said office on the 12th day of July, 1871.

1854. And James Hargreaves, of Appleton, within Widnes, in the county of Lancaster, Chemist, and Thomas Robinson, of Widnes, in the same county, Iron Founder, have given the like notice in respect of the invention of "improvements in means and apparatus employed in the absorption of gases by solids or where gases are made to react upon solids."

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

1880. And Josiah Montague Goodall, of Great College-street, Camden Town, in the county of Middlesex, Manufacturer, has given the like notice in respect of the invention of "improvements applicable to machines for cutting and arranging cards or other articles."—A communication to him from abroad by Victor Eugene Mauger, of Tourlaville, France.

1882. And Benjamin Joseph Barnard Mills, of the firm of Harris and Mills, of 35, Southampton-buildings, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in the modes of constructing and applying wheels for railway carriages, locomotives, and other vehicles and journals and bearings therefor, and in appliances for lubricating the said journals and bearings."—A communication to him from abroad by William Arnold Lewis, of Chicago, in the State of Illinois, United States of America, Mechanical Engineer.

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

1908. And Henry Deacon, of Appleton House, near Warrington, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the manufacture of sulphate of soda, and of sulphate of potash, and of chlorine, and of bleaching powder."

1920. And James Hargreaves, of Appleton-within-Widnes, in the county of Lancaster, Chemist, and Thomas Robinson, of Widnes, in the same county, Iron Founder, have given the like notice in respect of the invention of "improvements in the manufacture of sulphuric acid and sulphates, and in apparatus employed therein."

As set forth in their respective petitions, both recorded in the said office on the 21st day of July, 1871.

1928. And James Hargreaves, of Appleton-within-Widnes, in the county of Lancaster, Chemist, and Thomas Robinson, of Widnes, in the same county, Ironfounder, have given the like notice in respect of the invention of "improvements in the manufacture of sulphates and in preparing materials, and in apparatus to be employed therein."

1938. And James Lee Norton, of Belle Sauvage, yard, Ludgate-hill, in the city of London, has given the like notice in respect of the invention of "improvements in paving or flooring for the stalls of stables and other surfaces."

1940. And Isaac Brown, of Elm Croft Grange, Edinburgh, in the county of Midlothian, North Britain, has given the like notice in respect of