

1632. And Claude Martin and Hyppolite Martin, both of Great Winchester-street, in the city of London, Gentlemen, have given the like notice in respect of the invention of "improvements in anchors."

1636. And Edward Keirby, of the Vine Works, Rochdale, in the county of Lancaster, India Rubber Merchant, has given the like notice in respect of the invention of "improvements in machinery or apparatus for recording low water in steam boilers."

1645. And Andrew Nicol Porteous, of Edinburgh, Engineer, and George Cadell Bruce, of Edinburgh and Glasgow, Civil Engineer, have given the like notice in respect of the invention of "improvements in and applicable to lamps."

1646. And William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in railway sleepers or cross-ties"—A communication to him from abroad by Archibald B. Tripler, of Philadelphia, Pennsylvania, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 30th day of May, 1872.

1660. And Charles Raymond, of the town of Guelph, Province of Ontario, Dominion of Canada, Manufacturer of Sewing Machines, has given the like notice in respect of the invention of "improvements in sewing machines."

As set forth in his petition, recorded in the said office on the 1st day of June, 1872.

1679. And Charles Weightman Harrison and Alfred Horatio Harrison, both of High Holborn, in the county of Middlesex, Engineers, have given the like notice in respect of the invention of "improvements in the manufacture of gas for lighting and heating purposes, and in the apparatus employed therein."

As set forth in his petition, recorded in the said office on the 3rd day of June, 1872.

1695. And James Stevenson, Thomas Carlile, and John Stevenson, all of Glasgow, in the county of Lanark, North Britain, have given the like notice in respect of the invention of "improvements in the manufacture of bichromate of soda and potash."

1696. And Illius Augustus Timmis, of Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the manufacture of tarpaulin."

1708. And Charles Weightman Harrison and Alfred Horatio Harrison, both of High Holborn, in the county of Middlesex, Engineers, have given the like notice in respect of the invention of "improvements in the manufacture of gas for lighting and heating purposes, and in the apparatus employed therein."

As set forth in their respective petitions, all recorded in the said office on the 5th day of June, 1872.

1709. And Lorenzo Scala, of Genova, in the Kingdom of Italy, at present residing at 21, Clerkenwell-green, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in dyeing when indigo is employed."

1710. And William Morgan Brown, of the firm of Brandon and Morgan Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue. Gaillon, Paris, has given the like notice in respect of the invention of "improvements in dyeing animal or vegetable

textile fabrics or yarns aniline black or other fast colours derived from coal-tar."—A communication to him from abroad by Léon Jarosson, of Lille, France, Chemical Engineer, and Jean Jacques Müller Pack, of Basel, Switzerland, Chemist.

As set forth in their respective petitions, both recorded in the said office on the 6th day of June, 1872.

1725. And Henry Percy Holt, of Royal Insurance-buildings, Leeds, in the county of York, Civil and Consulting Engineer, has given the like notice in respect of the invention of "improvements in machinery and locomotive engines for driving tram cars and other road vehicles, parts of which improvements are applicable to other steam engines."

1729. 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 "improvements in nocturnal telegraphic apparatus."—A communication to him from abroad by Constant Marie Joseph Douillard, of Paris, in the Republic of France.

As set forth in their respective petitions, both recorded in the said office on the 7th day of June, 1872.

1748. And Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in pistons for steam and other engines and pumps."—A communication to him from abroad by Frédéric Jean Falcimagne, of Paris, France.

1751. And Henry 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 "improvements in mechanism for perforating paper for transmitting telegraphic messages."—A communication to him from abroad by George Harrington, of the city and State of New York, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 10th day of June, 1872.

1757. And Samuel Cropper, of Cheapside, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in ink fountains for printing presses."—A communication to him from abroad by Messieurs Hopson and Allen, of the city, county, and State of New York, in the United States of America.

1758. 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 locomotive engines and carriages."—A communication to him from abroad by Joseph Harrison, Junior, of Philadelphia, Pennsylvania, in the United States of America.

As set forth in their respective petitions, both recorded in the said office on the 11th day of June, 1872.

1768. And George Anderson, of Dalmeny Oil Works, in the county of Linlithgow, and James Buchanan, of the same place, have given the like notice in respect of the invention of "improvements in apparatus for drawing the charge from retorts employed in making gas or oil."

1776. And Thomas Aldridge Weston, of Ridgewood Bergen, County New Jersey, in the United States of America, has given the like notice in respect of the invention of "improvements in