

778. And Thomas Bradford, of the Cathedral Steps, Manchester, in the county of Lancaster, and 63, Fleet-street, London, Washing Machine Manufacturer, has given the like notice in respect of the invention of "improvements in churning and butter making machines."

782. And Arthur Heald, of Sabden Whalley, in the county of Lancaster, Cotton Spinner, has given the like notice in respect of the invention of "an improved composition for sizing yarns and threads."

As set forth in their respective petitions, both recorded in the said office on the 29th day of March, 1864.

790. And Thomas Waller, of Fish-street-hill, in the city of London, Engineer, has given the like notice in respect of the invention of "improvements in apparatus for heating air, and in valves for admitting heated and cold air, and regulating the supply thereof."

791. And Thomas James Smith, of Twickenham, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the purification, distillation, rectification, evaporation, condensation, concentration, and oxygenation of spirits and spirituous liquors, and in the apparatus employed therein, and in raising and forcing the same, parts of which are applicable to the manufacture of vinegar, to the raising and forcing of liquids, to the heating, cooling, and oxygenating of beers and liquors, and to the construction of chimneys."—A communication to him from abroad by Francois Haeck, of Brussels, Belgium.

797. And Henry Bayley, of Stalybridge, Cotton Manufacturer, Leopold Newton, of Oldham, Cotton Spinner, and John Greaves, of Stalybridge, Manager, all in the county of Lancaster, have given the like notice in respect of the invention of "improvements in machinery for turning, boring, cutting, shaping, and reducing wood and other substances, applicable to the manufacture of various articles."

As set forth in their respective petitions, all recorded in the said office on the 30th day of March, 1864.

798. And William Martin, of the city of Manchester, Manager, and Joseph Hodgson, of the same place, Engineer, have given the like notice in respect of the invention of "certain improvements in steam engines."

802. And John Prestwich the younger, of Farnworth, in the county of Lancaster, and William Brooks, of the same place, have given the like notice in respect of the invention of "improvements in drawing and other frames used in preparing cotton or other fibrous materials to be spun."

804. And William Holbrook, of Duke-street, Bloomsbury, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in apparatus for hair brushing."

805. And William Holbrook, of Duke-street, Bloomsbury, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in window sashes."

As set forth in their respective petitions, all recorded in the said office on the 31st day of March, 1864.

808. And Joseph Bickerton, of Oldham, in the county of Lancaster, Engineer and Machinist,

has given the like notice in respect of the invention of "improvements in engines for carding cotton and other fibrous materials."

809. And James Hicks, of Hatton Garden, in the county of Middlesex, Meteorological Instrument Maker, has given the like notice in respect of the invention of "an improved maximum mercurial thermometer."

810. And John Bullough, of Blackburn, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in looms for weaving."

814. And Thomas Coltman, of Leicester, Machinist, has given the like notice in respect of the invention of "improvements in circular knitting machines."

815. 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 looms for weaving hats and other articles of irregular shape."—A communication to him from abroad by Almet Reed, of New York City, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 1st day of April, 1864.

821. And John Hunt, of Houndsditch, in the county of Middlesex, has given the like notice in respect of the invention of "an improved instrument or tell tale, for registering the time of arrival and departure of workpeople in houses of business and manufactories."

822. And Jasper Capper, of Waterloo, near Liverpool, in the county of Lancaster, Accountant, has given the like notice in respect of the invention of "improved means or apparatus for curing smoky chimnies."

825. And Edward Lindner, of New York, in the United States of America, now temporarily residing at Hamburg, Engineer, has given the like notice in respect of the invention of "improvements in springs, applicable for railway carriages, buffers, and other similar purposes."

826. And William Callcott, of Park Village East, in the county of Middlesex, Scenic Artist, has given the like notice in respect of the invention of "improved means or apparatus for producing scenic effects."

828. And Ernest Ulisse Parod, of Paris, in the Empire of France, Engineer, has given the like notice in respect of the invention of "improvements in feeding steam generators, applicable also to the condensation of steam and the production of vacuum."

As set forth in their respective petitions, all recorded in the said office on the 2nd day of April, 1864.

837. And John Smith, of the city of Manchester, in the county of Lancaster, Manufacturer, has given the like notice in respect of the invention of "improvements in looms or machinery for weaving cords and other fabrics."

As set forth in his petition, recorded in the said office on the 4th day of April, 1864.

845. And James Nicholas Douglass, of Dulwich, in the county of Surrey, has given the like notice in respect of the invention of "improvements in constructing or framing lighthouses, hollow metal piles, and cylinders, and in framing other metal structures."

As set forth in his petition, recorded in the said office on the 5th day of April, 1864.