

2494. And William Boggett, of Lindsey Houses, Chelsea, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in machinery for cutting and shaping slate."

2497. And Isaac Haigh, John Haigh, and Isaac Haigh, Junior, of West Bromwich, in the county of Stafford, Plumbers, have given the like notice in respect of the invention of "certain improvements in apparatus in connection with water closets."

As set forth in their respective petitions, both recorded in the said office on the 16th day of September, 1870.

2550. And David McColley Weston, of Boston, Massachusetts, United States of America, but at present residing at Glasgow, in the county of Lanark, North Britain, has given the like notice in respect of the invention of "improvements in centrifugal machines, in the suspension and driving of the same, and a new or improved combination thereof, with other apparatus."

As set forth in his petition, recorded in the said office on the 23rd day of September, 1870.

2586. And John Brunton, of Great George-street, and Richard Christopher Rapiet, of Westminster Chambers, both in the city of Westminster, Civil Engineers, have given the like notice in respect of the invention of "improvements in machinery or apparatus for working and interlocking railway switches, tongues, or moveable points and signals."

As set forth in their petition, recorded in the said office on the 29th day of September, 1870.

2623. And Edmund Leach, of Rochdale, in the county of Lancaster, Machine Maker, has given the like notice in respect of the invention of "an improved apparatus for damping textile threads or yarns in the processes of spinning, winding, reeling, and warping, or other similar purposes."

As set forth in his petition, recorded in the said office on the 3rd day of October, 1870.

2636. And John Garrett Tongue, of the firm of Tongue and Birkbeck, Patent Agents and Engineers, of 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in Brussels and in tapestry carpets."—A communication to him from abroad by George Crompton, of Worcester, Massachusetts, United States of America.

As set forth in his petition, recorded in the said office on the 5th day of October, 1870.

2653. And Charles Felton Kirkman, of High-street, Islington, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in treating sewage, and in the apparatus and means employed therein."

As set forth in his petition, recorded in the said office on the 6th day of October, 1870.

2657. And Herbert Vosper, of Southsea, in the county of Hampshire, Engineer, has given the like notice in respect of the invention of "improvements in direct acting steam engines."

As set forth in his petition, recorded in the said office on the 7th day of October, 1870.

2740. And Joseph Buchanan Robertson, of Lurgan, in the county of Armagh, in Ireland, Mechanic, 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 18th day of October, 1870.

2746. And William Francis Reynolds, of 16, Albert-square, in the parish of Ratcliff, in the county of Middlesex, and Jonathan Aldous Mays, of 2, West-street, Finsbury-circus, in the city of London, have given the like notice in respect of the invention of "improvements in india rubber or caoutchouc tires for wheels."

2748. And Brierley Denham Healey, of Glasgow, in the county of Lanark, North Britain, Engineer and Contractor, has given the like notice in respect of the invention of "improvements in applying heat to steam boilers, and in apparatus therefor."

As set forth in their respective petitions, both recorded in the said office on the 19th day of October, 1870.

2755. 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 the construction of illuminating and ventilating roofs and gratings or plates, parts of which are applicable to ordinary footways and carriage ways."—A communication to him from abroad by Theodore Hyatt, of the city of New York, United States of America.

2756. And William Twining, of Birmingham, in the county of Warwick, Hair Pin Manufacturer, and Joseph Dangerfield, of Aston, near Birmingham aforesaid, Machinist, have given the like notice in respect of the invention of "improvements in machinery for the manufacture of toilet or dress pins and other pins."

2765. 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 the construction of bridges."—A communication to him from abroad by Charles Shaler Smith, Charles Hazlehurst Latrobe, and Frederick Henry Smith, all of Baltimore, Maryland, in the United States of America.

As set forth in their respective petitions, all recorded in the said office on the 20th day of October, 1870.

2785. And Abel Edgar Samels, of Mortlake, in the county of Surrey, Builder, has given the like notice in respect of the invention of "improvements in locks or fasteners for doors, gates, boxes, and other similar purposes."

As set forth in his petition, recorded in the said office on the 22nd day of October, 1870.

2797. And Ernest Von Jeinsen, of the city and county of San Francisco, State of California, United States of America, Gentleman, has given the like notice in respect of the invention of "improvements in automatic lubricators."

As set forth in his petition, recorded in the said office on the 24th day of October, 1870.

2805. And Bristow Hunt, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in horse shoes."—A communication to him from abroad by Ebenezer Cate, of Woburn, Massachusetts, in the United States of America.

As set forth in his petition, recorded in the said office on the 25th day of October, 1870.

2814. And William Bywater, of Sweet-street Foundry, Holbeck, near Leeds, in the county of York, and Jack Shaw, of Hunslet, near Leeds, in the said county, have given the like notice in respect of the invention of "improvements in machinery for drawing, spinning,