

3859. And Morgan George Lloyd, of Camolin, in the county of Wexford, Ireland, has given the like notice in respect of the invention of "improved machinery for trimming lawns and cutting sods."

3860. And William Crookes, of Mornington-road, in the county of Middlesex, F.R.S., has given the like notice in respect of the invention of "improved apparatus for indicating the intensity of radiation."

3862. And Thomas Jenks, of 19, Mott-street, Birmingham, in the county of Warwick, Black Ornament Manufacturer, has given the like notice in respect of the invention of an "improved composition useful for many purposes in connection with the arts and manufactures."

As set forth in their respective petitions, all recorded in the said office on the 5th day of November, 1875.

3867. And Mathias Neuhaus and John Eliot Hodgkin, both of Queen Victoria-street, in the city of London, have given notice in the like respect for the invention of "improvements in steam pumps, parts of which improvements are applicable to other similar purposes."—A communication to them from abroad by John Wyman Blake, of Jersey City, in the State of New Jersey, United States of America.

As set forth in their petition, recorded in the said office on the 6th day of November, 1875.

3914. And Francis Kenyon, of Westminster, has given the like notice in respect of the invention of "improvements in police and other head dresses."

3917. And Robert Dobbie and Peter Forbes, both of Glasgow, in the county of Lanark, and of Larbert, in the county of Stirling, North Britain, American Stove Manufacturers, have given the like notice in respect of the invention of "improvements in American stoves or close cooking ranges, and in the modes and means of heating the ovens thereof."

3924. And Howard William Warden, of the Public Works Department, Bengal, India, has given the like notice in respect of the invention of "improvements in apparatus for igniting and extinguishing a number of gas lamps simultaneously."

3927. And William Bow, of Paisley, in the county of Renfrew, North Britain, Engineer, has given the like notice in respect of the invention of "improvements in steam steering apparatus, and in part applicable to starting gear of steam or other motive-power engines and to hoisting machinery."

3928. And James Jackson and Thomas Jackson, both of the Spring Field Iron Works, Newton Moor, Hyde, in the county of Chester, Engineers, have given the like notice in respect of the invention of "improvements in the construction of injectors, ejectors, and ejector condensers."

As set forth in their respective petitions, all recorded in the said office on the 11th day of November, 1875.

3942. And Benjamin Whitley, of Smethwick, in the county of Stafford, Manufacturer, has given the like notice in respect of the invention of "improvements in machinery for shaping and facing bright screw nuts, and for facing sockets for tubing."

As set forth in his petition, recorded in the said office on the 12th day of November, 1875.

3959. And Israel Carlton, of Barrow-in-Furness, in the county of Lancaster, Foreman Iron-

moulder, has given the like notice in respect of the invention of "an improvement in ingot moulds used for casting Bessemer steel and other steel ingots."

3961. And Henry Gardner, of the firm of Robertson, Brooman, and Company, of 165, Fleet-street, in the city of London, Patent Agents, has given the like notice in respect of the invention of "improvements in ventilating railway carriages."—A communication to him from abroad by Edward Edwin Hargreaves, of Sarnia, county of Lambton, Ontario, Canada.

3963. And Isaac Cooke Thompson, of the firm of Thompson and Capper, Chemists, of 4, Lord-street, Liverpool, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in filtering and in apparatus therefor."—Partly his own invention and for the other part a communication to him from abroad from Frederick Clibborn, of Philadelphia, in the United States of America.

As set forth in their respective petitions, all recorded in the said office on the 13th day of November, 1875.

3965. And William Inglis, of Bolton, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in arrangements and apparatus for storing grain or other materials afloat."—In part a communication to him from abroad by James Inglis, residing at Montreal, Canada, and in part his own invention.

As set forth in his petition, recorded in the said office on the 15th day of November, 1875.

3997. And Joseph Betteley, of 166, Fleet-street, in the city of London, Naval Architect, has given the like notice in respect of the invention of "improvements in ships and boats, and in appliances relating thereto."

As set forth in his petition, recorded in the said office on the 17th day of November, 1875.

4007. And William McGeoch, junior, of Glasgow, in the county of Lanark, North Britain, Ironmonger, has given the like notice in respect of the invention of "improvements in automatic latches or fastening bolts."

As set forth in his petition, recorded in the said office on the 18th day of November, 1875.

4040. And William Armand Gilbee, of the firm of L. de Fontainemoreau and Co., 4, South-street, Finsbury, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in producing designs on hard substances by the sand blast."—A communication to him from abroad by Richard Albert Tilghman, of Philadelphia, in the United States of America.

As set forth in his petition, recorded in the said office on the 20th day of November, 1875.

4115. And William Thomas Henley, of Plaistow, in the county of Essex, Telegraphic Engineer, has given the like notice in respect of the invention of "improvements in the construction of submarine telegraph cables and in the mode of insulating the conductors used therewith, applicable to other telegraphic purposes."

As set forth in his petition, recorded in the said office on the 26th day of November, 1875.

4130. And William Ford Stanley, of Great Turnstile, Holborn, in the county of Middlesex, has given the like notice in respect of the invention of "improved machines or clocks to register conditions of the atmosphere and to keep correct time."