

4244. To Charles Sells, of 110, Westminster Bridge-road, Lambeth, in the county of Surrey, Engineer, for the invention of "improvements in compound marine engines."

On his petition, recorded in the Office of the Commissioners on the 8th day of December, 1875.

4282. To Daniel Bate, Millwright, Compton, in the county of Stafford, and Thomas Moseley Bryan, Miller, Trysul, in the county of Stafford, for the invention of "an improved method of reducing concussion and vibration of mill-stones in their revolutions."

On their petition, recorded in the Office of the Commissioners on the 10th day of December, 1875.

4350. To John Clayton, Engineer, and Thomas Richmond, Patent Agent, both of Burnley, in the county of Lancaster, for the invention of "an improvement in looms for weaving."

On their petition, recorded in the Office of the Commissioners on the 15th day of December, 1875.

4354. To William Major, of Copenhagen, in the Kingdom of Denmark, Engineer, for the invention of "a new (or improved) means or method for preventing what is known as priming in steam boilers, and also preventing the interior of such boilers from becoming incrustated with the saline and earthy parts of the water used to generate steam therein."

4363. To Ridley Henderson, of Finsbury, near Bath, in the county of Somerset, Mining Engineer, for the invention of "improved arrangements or combination of various mathematical or philosophical instruments for measuring and other purposes."

4368. And to John Llewellyn Ryland, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in jars, bottles, and other vessels used for containing or transporting oils, varnishes, spirits, and other like fluids."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of December, 1875.

4385. To Isidor Loeser, of the firm of Loeser Brothers, of Trier, Prussia, and actually at Paris, France, for the invention of "new or improved processes for destroying noxious insects or vermin by means of gases and vapours issued from certain substances."

On his petition, recorded in the office of the Commissioners on the 17th day of December, 1875.

4430. To Hamilton Dansey, of 57, Rupert-street, Haymarket, London, in the county of Middlesex, for the invention of "improvements in marine boilers for using the outside shell as heating surface."

4432. To Philip Harris, of Chatham, in the county of Kent, Lieutenant-Colonel, Royal Marines Light Infantry, for the invention of "improvements in closing and fastening boots, and in the means or apparatus employed therefor."

4434. To James Webster, of Clerkenwell, in the county of Middlesex, Thermometer Maker, for the invention of "improvements in clinical thermometers."

4440. To James Davie, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in steam engines, and in surface condensers for the same, and applicable otherwise."

4442. To John Chadwick, of Manchester, in the county of Lancaster, for the invention of "im-

provements in covering drawing rollers used in machinery for preparing and spinning cotton and other fibrous substances."

4444. To Jean Ducournau, of Paris, France, for the invention of "improvements in the manufacture and employment of cements and limes."

4446. To Guillermo Antonio Farini, of Lewisham-road, Forest Hill, in the county of Surrey, for the invention of "improved apparatus to be employed in theatrical or gymnastic performances."

4448. To John Watkins, of Windsor-street, Birmingham, for the invention of "improvements in skates."

4452. To James Kelly, of Liverpool, in the county of Lancaster, for the invention of "improvements in and applicable to railway points or switches, and in mechanism for actuating and locking the same."

4454. To William Kempe and Arthur Kempe, both of Holbeck Mills, Leeds, in the county of York, for the invention of "improvements in raising the nap upon cloths and fabrics, and in apparatus employed therein."

4456. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in journal box bearings or linings."—A communication to him from abroad by William A. Hathaway, Benjamin F. Snow, William Gregory, and John Maglone, all of the United States of America.

4458. To Richard Hodson, of the Thames Iron Works Company Limited, Blackwall, in the county of Middlesex, Civil Engineer, for the invention of "improvements in rotary engines."

4460. To Alexander Mullord, of Hoxton, in the county of Middlesex, for the invention of "improvements in 'satining' or impregnating with certain substances tissue and other paper."

4462. And to William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved vegetable parchment and process for making the same."—A communication to him from abroad by Ambrose G. Fell, of the city and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of December, 1875.

4464. To Edward Griffith Brewer, of Chancery-lane, London, for the invention of "improvements in the construction of machines for the manufacture of bricks and tiles."—A communication to him from abroad by Mathäus K. Muchin, of Riga, in Russia.

4466. To Edward Russell Vaughan, of Number 12, Rutland-square, in the city of Dublin, Aerated Water Manufacturer, for the invention of "an improved pump for use in the manufacture of aerated waters."

4468. To Julius Hall, of No. 90, Chancery-lane, Middlesex, Gentleman, for the invention of "improvements in fire extinguishers."

4470. To Charles Harrison, of Averdale-square, Old Kent-road, in the county of Surrey, Engineer, for the invention of "improvements in the construction of skates, parts of the same being applicable to sledges."

4472. To William George Nicholas Manley, Surgeon-Major in the Royal Artillery, of 17, Chatham-place, Woolwich, in the county of Kent, for the invention of "an improved ambulance wheeled litter."