

3122. To William Moodie, of the city of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in the propelling and steering of ships or vessels, and in the machinery or apparatus employed therefor."

3124. To Sigismund Leoni, of 34, Saint Paul-street, New North-road, in the county of Middlesex, Manufacturer, for the invention of "improvements in heating and cooking apparatus."

3126. And to William Brailsford and Joseph Gadsby, both of the town and county of the town of Nottingham, Draughtsmen, for the invention of "improvements in the manufacture of lace made on bobbin net or twist lace machines, and in the machinery or apparatus employed therein."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of October, 1868.

3128. To Thomas Frederick Cashin, of Sheffield, in the county of York, Civil Engineer, for the invention of "improvements in the mode of securing the joints of rails, and in apparatus for guiding and providing for the safety of engines and trains passing over points or switches on railways."

3130. To Henry Charles Clifton, of No. 34, Great Sutton-street, Clerkenwell, in the county of Middlesex, for the invention of "a new or improved system of and machinery for making ornaments for picture frames and other purposes."

3132. To George Nicholas Sanders, of Langham-street, Portland-place, in the county of Middlesex, for the invention of "improvements in and connected with lamps."

3134. To Ralph Dawson, of Wembury House, near Plymouth, in the county of Devon, for the invention of "improvements in the construction of gun boats for coast and harbour defence."

3136. To James Worster, of Southampton-street, Camberwell, in the county of Surrey, for the invention of "improvements in means or apparatus for holding or supporting stereotype plates whilst taking impressions therefrom."

3138. And to William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "an improved mode of, and means for, dyeing hair."—A communication to him from abroad by William Patton, of Springfield, Massachusetts, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 13th day of October, 1868.

3140. To John Shanks, of Barrhead, in the county of Renfrew, North Britain, Sanitary Engineer, for the invention of "improvements in water closets and in taps for the same, and applicable otherwise."

3142. To William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "an improved apparatus for drilling series of small holes, and for other like operations."—A communication to him from abroad by Charles Francis Ritchel, of Chicago, Illinois, United States of America.

3144. To William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the inven-

tion of "improvements in machinery for spinning wool, and other fibrous materials."—A communication to him from abroad by John Goulding, of Worcester, Massachusetts, United States of America.

3148. To James Atkins, of the firm of Robert Walter Winfield and Company, of Birmingham, in the county of Warwick, Merchants and Manufacturers, for the invention of "improvements in the manufacture of ornamental and plain metallic tubes."

3149. To William Lorberg, of Brunswick-place, City-road, in the county of Middlesex, for the invention of "an improved process of treating cotton seed and utilizing the refuse resulting therefrom."

3150. To Heron Hudson, of Clifton-terrace, Wolverhampton, in the county of Stafford, Gentleman, for the invention of "improvements in facilitating the stopping of railway trains and other rolling stock, and in the machinery or apparatus employed therein."

3152. And to John Denley, of Cheltenham, in the county of Gloucester, Tin Plate Worker, for the invention of "a new or improved coffee pot."

On their several petitions, recorded in the Office of the Commissioners on the 14th day of October, 1868.

3156. To Edward Fort and John Lee, both of Burnley, in the county of Lancaster, Engineers, for the invention of "improvements in the construction and arrangement of the furnaces of steam boilers."

3160. To Thomas Gray, of Taibach, in the county of Glamorgan, Mining Engineer, for the invention of "improvements in safety lamps."

3164. And to William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "improvements in breech-loading volley-firing guns."—A communication to him from abroad by Thomas J. Cranmer and William P. Moffat, both of San Francisco, California, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 15th day of October 1868.

3166. To Thomas Vicars the elder and Thomas Vicars the younger, both of Liverpool, in the county of Lancaster, Engineers, and James Smith, of the same place, Baker, for the invention of "improvements in self feeding smokeless furnaces."

3168. To Robert Mudge Marchant, of Wellington, New Zealand, but now temporarily of 166, Fleet-street, in the city of London, Civil Engineer, for the invention of "improvements in the permanent way of railways."

3170. To Richard Head, of 6, Gray-street, Manchester-square, in the county of Middlesex, for the invention of "improvements in stoves and boilers for heating water for baths and other purposes."

3172. To Jacob Sherman, of New-road, White-chapel, in the county of Middlesex, Jeweller, for the invention of "improvements in finger rings and bracelets."

3173. To Charles Churchill, of Norwood, in the county of Surrey, Merchant, for the invention of "improvements in sporting breech-loading fire-arms and cartridges for the same."—A communication to him from abroad by William H. Miller, of West Meriden, Connecticut, United States of America.