113. Henry Vavasseur, of Sumner-street, Southwark, in the county of Surrey, and Charles Martin Wade, of Furnival's-inn, in the county of Middlesex, for an invention of "improvements in the permanent way of railways, which improvements are also applicable for works where wedges are used."—Communicated to them from abroad by William Judson Addis and James Walker Robertson, both of Tanna, in the Presidency of Bombay. - Dated 14th January, 1869. 116. John Hawthorn Kitson and John Kirby,

both of Leeds, in the county of York, Engineers, for an invention of "improvements in moveable grates for steam boilers or other furnaces."— Dated 14th January, 1869.

117. Thomas Cook, of Old Kent-road, in the county of Surrey, Engineer, and John Watson, of Victoria - chambers, Westminster, in the county of Middlesex, Engineer, for an invention of "improvements in presses for expressing oils and other liquids."—Dated 14th January, 1869.

118. Alexander Melville Clark, of 53, Chancerylane, in the county of Middlesex, Patent Agent, for an invention of "improvements in breech loading firearms and cartridges."-Communicated to him from abroad by Jules Félix Gévelot, Manufacturer, of 13, Boulevart St. Martin, Paris.—Dated 14th January, 1869.

122. James Steel, of Glasgow, in the county of Lanark, North Britain, for an invention of "improvements in apparatus for washing or cleansing casks, vats, or similar vessels."—Dated 15th January, 1869.

126. David Pitcairn Wright, of the firm of Wright and Butler, of Birmingham, in the county of Warwick, Manufacturers, for an invention of "certain improvements in the rollers and furniture for window blinds."-Dated 15th January, 1869.

128. Alexandre Sehet, of No. 18, Rue de l'Echiquier, city of Paris, in the Empire of France, Armourer, for an invention of "improvements in breech loading fire arms."-Dated 15th Jan-

uary, 1869.

130. Peter Spence, of Newton Heath, Manchester, in the county of Lancaster, Manufacturing Chemist, for an invention of "improvements in the production of sulphate of potash for the manufacture of alum."-Dated 15th January,

137. Samuel Russell, of No. 1, Burton-road, Brixton, in the county of Surrey, for an invention of "improvements in velocipedes and manumotive carriages."-Dated 16th January, 1869.

- 140. John Garner Johnson, of Coombe Fields, in the county of Warwick, Civil and Mechanical Engineer, for an invention of "improvements in self acting signalling apparatus, applicable for use on railways or tramways, and for other purposes."-Dated 16th January, 1869.
- 143. John Bourne, of Leith, Scotland, Civil Engineer, for an invention of "improvements in propelling vessels."-Dated 16th January, 1869.
- 144. John Loader and William Henry Child, both of Finsbury, in the county of Middlesex, for an invention of "improvements in steam boilers."-Dated 16th January, 1869.
- 146. William Thomas, of Nos. 128 and 129, Cheapside, in the city of London, for an invention of "improvements in the manufacture of boots and shoes."-Dated 16th January, 1869.
- 147. John Batkin Whitehall, of Goldsmith-street, in the town of Nottingham, Machinist, for an

invention of "improvements in machinery and apparatus for the manufacture of looped fabrics. Dated 16th January, 1869.

48. Frederick Braby, of Camberwell, in thecounty of Surrey, for an invention of "improvements in the commercial manufacture of sulphate of ammonia."-Dated 16th January, 1869

- 150. William Robert Lake, of the International Patent Office, No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for an invention of "improvements in the manufacture of figured shawls and other woven fabrics."-Communicated to him from abroad by Etienne Rivoiron, of Paris, in the Empire of France.-Dated 16th January,
- 151: Michael Henry, of 68, Fleet-street, in the city of London, Patent Agent, for an invention of "improvements in moulding metal articles." Communicated to him from abroad by Maxi. milien Joseph Magniant and Antoine Eugene Journault, both of 17, Boulevart Saint Martin,. Paris, France.—Dated 16th January, 1869.

154. Nicholas Voice, of Flandcross, in the county of Sussex, Plumber, for an invention of "improvements in apparatus connected with closets and urinals."—Dated 18th January, 1869.

157. Peter Oldfield, of Bradford, in the county of York, Manager of Combing Machinery, for an invention of "improvements in machinery for preparing and combing wool or other fibrous substances."—Dated 18th January, 1869.

160. James William Price, of Frogmore-street, Abergavenny, in the county of Monmouth, Ironmonger, for an invention of "improvements in the manufacture of horse shoe nails and other nails, and in machinery to be employed therein."—Dated 18th January, 1869.

162. George Brown, Gas Meter Index Maker, residing, at No. 7, Beaumont-place, Edinburgh, in the county of Mid Lothian, North Britain, for an invention of "improvements in gasmeters and other measures, by apparatus for registering the passage of gas and other bodies." -Dated 18th January, 1869.

- 163. John Henry Johnson, of 47, Lincoln's-innfields, in the county of Middlesex, Gentleman, for an invention of "improvements in burning of bricks and other like articles, and in the kilns and apparatus employed therein."-Communicated to him from abroad by Henry Wright Adams, of Philadelphia, State of Pennsylvania, in the United States of America. - Dated 18th January, 1869.
- 164. Alexander Melville Clark, of 53, Chancerylane, in the county of Middlesex, Patent Agent, for an invention of improvements in the manufacture and refining of sugar."-Communicated to him from abroad by Louis Joseph Frédéric-Margueritte, Chemist, of 13, Boulevart Saint. Martin, Paris.—Dated 18th January, 1869.
- 165. Henry Parnell and John Parnell, of the firm of Henry Parnell and Sons, of Bristol, in the city and county of Bristol, Scale and Weighing Machine Makers, for an invention of "improvements in the construction of centres and bearings of scales, scale-beams, and weighing machines."-Dated 18th January, 1869.
- 167. Samuel George Archibald, of Edinburgh, in the county of Edinburgh, North Britain; for an invention of "improved machinery for cleaning boots and shoes, knives, forks, spoons, and other articles, and for sharpening knives and other cutting instruments."-Dated 19th January, 1869.