for an invention of "improved apparatus for working the switches or points of railways." Communicated to him from abroad by Henri Nicolas Rogé and Pierre Hippolyte Baffoy, both of Paris, France.—Dated 20th January,

238. Joseph Henry Betteley, Engineer, and Thomas Sharer, Gentleman, both of Gracechurch-street, in the city of London, for an invention of "improvements in the construction of railway carriages and other rolling stock, and in apparatus connected therewith."—Dated 20th

January, 1873.

241. Thomas Wilson, of the city of London, Merchant, for an invention of "improvements in the method or means of propelling tramway cars and other carriages or vehicles, and in the apparatus or machinery to be employed therein or connected therewith."—Dated 21st January,

242. William Short Batley, of Rotherham, in the county of York, for an invention of "improvements in machinery and apparatus for making bricks, tiles, or other similar articles."-Dated

21st January, 1873.

243. Graham William Betham Edwards, of Bredfield, in the county of Suffolk, for an invention of "improvements in drills or machinery for distributing artificial manure and guano."-

Dated 21st January, 1873.

245. Henry John Puckle, of Woodcote Green, Epson, in the county of Surrey, and Richard Fennelly, of No. 122, Cannon-street, in the city of London, Merchant, for an invention of "improvements in ærial tramways."—Dated 21st January, 1873.

246. John Napier, of 18, Finsbury-circus, in the city of London, for an invention of "improvements in apparatus to be used in lieu of a coffer dam for making excavations under water, and for excluding water for other purposes."-

Dated 21st January, 1873.

248. John Robertson, of Nitshill, in the county of Renfrew, North Britain, for an invention of "improvements in machinery or apparatus for forcing, exhausting, or measuring air, gas, or other fluids or liquids."—Dated 21st January,

249. Joseph Stead, of Ashton-under-Lyne, in the county of Lancaster, for an invention of "improvements in rotatory engines."-Dated 22nd

January, 1873.

251. Remy Elmsley, of Toronto, Canada, at present residing at Learnington, in the county of Warwick, for an invention of "improvements in electric communication between railway trains in transit and stations or termina, and in the apparatus connected therewith."-Dated 22nd January, 1873.

252. Benjamin Hardwick Foster, of Newcastleon-Tyne, in the county of Northumberland, for an invention of "improvements in the construction of motive power engines, driven by steam, compressed air, or other elastic fluid, or by water."—Dated 22nd January, 1873.

256. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "improvements in breech-loading firearms." Communicated to him from abroad by John Broughton, of Brooklyn, in the State of New York, United States of America.—Dated 22nd January, 1873.

257. Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for an invention of "improvements in apparatus for applying steam to the raising aud forcing of water and other liquids."-Communicated to him from abroad by William Burdon, of Brooklyn, in the State of New York, United States of America.—Dated 22nd January, 1873.

259. George Haseltine, of the "International Patent Office," Southampton-buildings, London, Doctor of Laws, for an invention of "an improved method of and apparatus for dressing and furrowing mill-stones."-The said invention has been communicated to him from abroad by Seth Dean, of La Crosse, Wisconsin, United States of America.—Dated 22nd January 1873.

LIST of the Letters Patent for Inventions which have become void by reason of the non-payment of the additional Stamp Duty of £100, before the expiration of the seventh year from the date of such Patents, pursuant to the Act of the 16th Vict., c. 5, sec. 2, for the week ending the 22nd day of January, 1876.

138. Robert Craig, of Newbattle Mills, near Dalkeith, in the county of Midlothian, Scotland, for an invention of "improvements in machinery or apparatus for the manufacture of paper."-

Dated 16th January, 1869.

141. John Henry Johnson, of 47, Lincoln's-innfields, in the county of Middlesex, Gentleman, for an invention of "improvements in the manufacture of casks, tubs, and other like receptacles, and in the machinery or apparatus employed therein."-Communicated to him from abroad by Louis Florian Pile, of Paris, in the Empire of France.—Dated 16th January, 1869.

142. Hugh Adams Silver, of 2, 3, and 4, Bishopsgate Within, in the city of London, Merchant, for an invention of "improvements in apparatus for cooking and other purposes."-Dated 16th

January, 1869.

166. William Thomas Eley, of Gray's-inn-road, in the county of Middlesex, for an invention of "improvements in the construction of cartridge cases."—Dated 18th January, 1869.

174. Nicholas Demetrius Spartali, of Liverpool, in the county of Lancaster, Steam Ship Agent, for an invention of "an improved mode of and apparatus for propelling vessels."-Dated 19th January, 1869

177. George Arthur Crow, of the town and county of Newcastle-upon-Tyne, Engineer, for an invention of "improvements in radial and other drilling machines."-Dated 20th January, 1869.

186. Henri Adrien Bonneville, of the British and Foreign Patent Offices, 10, Sackville-street, Piccadilly, in the county of Middlesex, and 18, Chaussée d'Antin, Paris, in the Empire of France, Patent Agent, for an invention of "improvements in the manufacture of illuminating gas and of sponge, by the action of hydrocarbon liquids or fluids on metallic ores, and in the furnaces for melting said sponge and other metals."-It is a communication from Cyrille Jean Caumon (also known as John Absterdam), of the city of Toulouse, France, Scientific and Mechanical Engineer, at present a person resident at New York, in the county and State of New York, United States of America. - Dated 20th January, 1869.

195. Charles John Chubb, of No. 18, Endsleighstreet, Tavistock-square, in the county of Middlesex, for an invention of "improvements in drills and apparatus for boring holes in coal, hard ground, slate, and minerals."—Dated 21st

January, 1869.

202. Bryce Craig, of Branthwaite, in the county of Cumberland, for an invention of "improve-