

similar purposes."—A communication to him from abroad by Otto Sack, of Cassel, in the Empire of Germany.

1074. To George Edward Saville, of Sowerby Bridge, in the county of York, Gas Engineer, for the invention of "an improved gas scrubber or washer."

1076. To Francis Ward Monck, of Bristol, in the county of Gloucester, for the invention of "an improved apparatus for copying manuscripts and drawings, with an instrument combined to the same for affixing postage and other adhesive stamps and labels."

1080. And to William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improved apparatus for ventilating coal mines and for similar purposes."—A communication to him from abroad by Francis Murphy, of Streator, Illinois, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 11th day of March, 1876.

1082. To William Shorrock, of Preston, in the county of Lancaster, Overlooker, and John Lewis, of the same place, Engineer and Patent Agent, for the invention of "improved combined heald springs for weaving fancy work of every description."

1086. To Edmund Cuthbert Ring, Gentleman, of 1, Portswood-park, Bevois-hill, Southampton, for the invention of "improvements in the construction of roller and other skates."

1088. To William Simons, of Renfrew, in the county of Renfrew, in Scotland, Shipbuilder and Engineer, for the invention of "improvements in steam ferry boats or vessels, and other vessels."

1090. To John Sacheverelle Gisborne, of Buckingham-street, in the county of Middlesex, Electrical Engineer, for the invention of "improvements in apparatus for transmitting and receiving signals and orders or messages."

1092. To Thomas Black, of Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in equilibrium or suspended cabins for ships or navigable vessels."

1094. And to Charles Cousins, of the City Iron and Wire Works, Lincoln, and James Brown, of Boston, in the county of Lincoln, for the invention of "improvements in apparatus for locking facing points upon lines of railway."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of March, 1876.

1145. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "a new or improved ocean station for submarine telegraphs."—A communication to him from abroad by Robert Foster Bradley, of Moffettsville, in the county of Anderson, and State of South Carolina, United States of America.

On his petition, recorded in the Office of the Commissioners on the 16th day of March, 1876.

1161. To John William Dennison, of King-street, Cheapside, in the city of London, Architect, for the invention of "an improved paving for roads, ways, and other places."

On his petition, recorded in the Office of the Commissioners on the 17th day of March, 1876.

1179. To Philip John Davies, of 175, King's Cross-road, in the county of Middlesex, for the invention of "improvements in closet and other valves, and apparatus for cleansing, watering,

controlling, regulating, and arresting the flow or discharge of water, and preventing waste thereof."

On his petition, recorded in the Office of the Commissioners on the 18th day of March, 1876.

1203. To Joseph Purchase, of Taunton, in the county of Somerset, for the invention of "improvements in the treatment of plants of the genus holly hock to obtain fibres and other products therefrom."

On his petition, recorded in the Office of the Commissioners on the 21st day of March, 1876.

1211. To Anthony Stevenson, of Chester, in the county of Chester, for the invention of "improvements in or applicable to skating rinks."

1213. To William Gardiner, of Chiswick, in the county of Middlesex, for the invention of "improvements in roller skates."

1215. To Sigismund Wekey, of 26, Montague-street, Russell-square, London, in the county of Middlesex, for the invention of "certain improvements in machinery and apparatus for the washing of clothes and other textile fabrics."

1217. To James Mathers, of Annan, in the county of Dumfries, North Britain, for the invention of "an improved atmospheric carriage."

1219. To George Hudson, of Wokingham, in the county of Berks, Gentleman, for the invention of "an improved tricycle."

1221. To George Lowry, of Salford, in the county of Lancaster, Machinist, for the invention of "improvements in roller or rink skates."

1225. To Joseph Strong, jur., and Anthony Strong, both of Barrow-in-Furness, in the county of Lancaster, for the invention of "improvements in furnaces and boilers."

1227. To James Dimelow, of Dukinfield, in the county of Chester, Mechanic, for the invention of "improvements in apparatus for feeding what are commonly called cut nail machines."

1229. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in obtaining colouring matters suitable for dyeing and printing."—A communication to him from abroad by Heinrich Caro, of Mannheim, in the Empire of Germany, Chemist to the Badische Anilin and Soda Fabrik, of Mannheim aforesaid (Grand Duchy of Baden).

1231. And to James Oxley, of Swinton Bridge, near Rotherham, in the county of York, Engine Driver, for the invention of "improvements in rails and fastenings for tramways and other similar purposes."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of March, 1876.

1235. To Frederick Clarke, of Stafford, Coach Builder, for the invention of "improvements in wagonettes."

1241. To John Plumb Clabrough, of Birmingham, in the county of Warwick, Gun Manufacturer, for the invention of "improvements in the manufacture of certain kinds of gun and pistol barrels, and in machinery or apparatus employed in the said manufacture."

1243. To Isaac Blue Harris, of Castle Mills, Fountainbridge, Edinburgh, for the invention of "an improved mode of attaching india rubber to the tyres of wheels and the surfaces of pulleys and cylinders."

1247. To Charles Adolphe Watteeuw, of Boulevard Saint Denis, 1, at Paris, Mechanician, for the invention of "an improved rotatory steam power engine."