

of the Commissioners on the 15th day of August, 1876.

3222. To Herbert George Cardozo, of 6, Junction-road, Holloway, in the county of Middlesex, for the invention of "improvements in apparatus for stoppering bottles, jars, and other receptacles for containing fluid or solid matters, part of which improvements are also suitable for wiring said articles."

3224. To Alexis Danilovitch Wolochoff, of 127, Gray's-inn-road, in the county of Middlesex, for the invention of "improvements in machinery or apparatus for producing or marking the divisions upon objects of different substances having curved, flat, or other surfaces, more especially applicable to the marking or dividing of all kinds of instruments and apparatuses used in the sciences."

3226. To Frank Reddaway, of the firm of Reddaway and Company, of Manchester, in the county of Lancaster, Hose Manufacturers, for the invention of "improvements in looms for weaving hose or tubular goods."

3228. To James Higgins, of Salford, in the county of Lancaster, Machine Maker, and Thomas Schofield Whitworth, of the same place, Manager of Machine Works, for the invention of "improvements in machines for spinning and doubling cotton and other fibrous materials."

3230. To William Edward Everitt, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in the steam boilers of locomotive engines, which improvements are also applicable to other steam boilers."

3232. And to William Rainforth, Senior, and William Rainforth, Junior, of Brayford Head, Lincoln, in the county of Lincoln, for the invention of "improvements in steam cultivating apparatus or implements."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of August, 1876.

3236. To Benjamin Joseph Barnard Mills, of the firm of Harris and Mills, of 23, Southampton-buildings, in the county of Middlesex, Patent Agent, for the invention of "improvements in the manufacture of secula farina and starch."—A communication to him from abroad by Alexander Septimus Macrae, of Toronto, in the Dominion of Canada.

3238. To William Henry Johnson, of Manchester, in the county of Lancaster, Iron Merchant, and William Armitage, Junior, of the same place, Merchant, for the invention of "improvements applicable to machinery for weaving wire gauze."

3240. To Thomas Bailey, of Aston, near Birmingham, in the county of Warwick, Gun Maker, for the invention of "improvements in breech loading small arms."

3242. And to James Jowett and Ellis Wood, both of Leeds, in the county of York, for the invention of "improvements in boiler furnace and other doors."

On their several petitions, recorded in the Office of the Commissioners on the 17th day of August, 1876.

3244. To Peter George Wilson, of the town and county of Inverness, North Britain, for the invention of "improvements in brooches whereby they are rendered convertible into pendants."

3246. To Alexander Carnegie Kirk, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in steam engines for ships of war."

3250. To Benjamin William Rogers, of Stourport, in the county of Worcester, Machinist, for the

invention of "improvements in braces for drilling."

3252. To James Davies, of Wednesbury, in the county of Stafford, Manufacturer, for the invention of "improvements in steam engines."

3254. And to William Henry Samson, of New Kent-road, in the county of Surrey, for the invention of "improvements in machinery or apparatus employed in cultivating land, and in the method of working the same, and of communicating motion to agricultural and other machinery."

On their several petitions, recorded in the Office of the Commissioners on the 18th day of August, 1876.

3256. To William Rushworth, of Idle, near Leeds, in the county of York, for the invention of "improvements in jar and bottle-stoppers."

3260. To Malcolm McEwen, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in the manufacture of tobacco, and in the means employed therefor."

3264. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in dynamo-electric and magneto-electric machines."—A communication to him from abroad by Diudonné François Joseph Loutin, of Paris, France.

3266. To William Bown, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in the construction of wheels or rollers for roller skates and for other purposes."

3268. And to George Hollyer, of No. 1A, Sutherland-street, Walworth-road, in the county of Surrey, S.E., Embosser and Writer on Glass, for the invention of "improvements in embossing on glass, producing every description of design, ornamentation, letters, and devices, with effects of light and shadow by means of graduated shades."

On their several petitions, recorded in the Office of the Commissioners on the 19th day of August, 1876.

3273. To Frank Wirth, of the firm of Wirth and Company, Patent Agency, of Frankfort on the Main, in the Empire of Germany, for the invention of "improvements in the method of and apparatus for fastening the frames on travelling bags."—A communication from Huppe and Bender, persons resident at Offenbach, in the Empire of Germany.

3277. To Francis John Bolton, of No. 4, Broad Sanctuary, in the city of Westminster, Frederick Edward Blackett Beaumont, of No. 2, Westminster-chambers, Victoria-street, in the city of Westminster, and William Henry Ashwell, of Number 6, Westminster-chambers, Westminster aforesaid, for the invention of "improvements in the production, manufacture, and utilization of castings produced from the metallic slags and bi-products arising from the treatment of metallic ores and metal in furnaces."

3279. To John Gallie, of Saint Heliers, in the Island of Jersey, Mechanic, and William Henry Sinnatt, of Manchester, in the county of Lancaster, for the invention of "improvements in differential pulley blocks or hoisting tackle."

3281. And to Gaston D'Haisne, of Paris, in France, Carpet Manufacturer, for the invention of "improved mechanical and elastic beds, especially adapted for the use of wounded and sick persons."

On their several petitions, recorded in the Office