

2211. To James Deas Jack, of Montrose, in the county of Forfar, North Britain, Engineer, for the invention of "improvements in moulding or shaping metals."

On his petition, recorded in the Office of the Commissioners on the 8th day of September, 1863.

2214. To Joseph Lille, Civil Engineer, and John Haines White, Dentist, both of Manchester, in the county of Lancaster, for the invention of "an improved composition or coating for the protection and preservation of surfaces of iron, wood, and other materials."

2215. And to William Higgs Hawksworth, of Oldham, in the county of Lancaster, Machinist, for the invention of "certain improvements in apparatus for preparing cotton and other fibrous materials for spinning."

On both their petitions, recorded in the Office of the Commissioners on the 9th day of September, 1863.

2229. To John Hays Wilson, of the firm of John Hays Wilson and Company, of Liverpool, in the county of Lancaster, Brass Founders and Ships' Ironmongers, for the invention of "improvements in side lights for ships and other navigable vessels, and in the manufacture of the same."

On his petition, recorded in the Office of the Commissioners on the 10th day of September, 1863.

2253. To Henry Riviere, of 19, Queen's-road, Bayswater, in the county of Middlesex, Gun Maker, for the invention of "improvements in the construction and application of apparatus and implements used for the purposes of heating, cooling, and evaporating."

2256. And to William Edward Gedge, of the firm of John Gedge and Son, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "improvements in safety lamps for mines."—A communication to him from abroad by François Chapuis and Léonce Decombette, both of the Rue du Faubourg Saint Martin, Paris, France.

On both their petitions, recorded in the Office of the Commissioners on the 14th day of September, 1863.

2264. To Joseph Fox, of the firm of Fox Brothers, Engineers, Derby, in the county of Derby, for the invention of "improvements in machinery for planing or cutting off the sides of armour plates."

2265. To Andrew Fleming, of Glasgow, in the county of Lanark, North Britain, Mat-Maker, for the invention of "improvements in cutting or finishing matting and similar fabrics, and in the machinery used therefor."

2266. And to Gabriel Lewal, of 5 and 6, Philpot-lane, E.C., London, Engineer, for the invention of "an improved method of and apparatus for consuming smoke and heating and warming public and other buildings, and for drying purposes generally."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of September, 1863.

2277. To James McEwen, of Lay's Foundry, near Brierley-hill, in the county of Stafford, Iron Founder and Coke Manufacturer, for the invention of "a new or improved combined coke oven, and hot blast oven or apparatus."

2278. To Zacharie Joseph Mercier, of No. 50, Rue de Longchamp, Chaillot, in the city of

Paris, France, Mechanician for the invention of "an improved gas cock of elastic and continuous pressure."

2279. To William Edward Gedge, of the firm of John Gedge and Son, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "improved instruments for ascertaining levels, also for computing angles."—A communication to him from abroad by Jean Baptiste Chairgrasse, of Dijon, France.

2281. To Alexander Chaplin, of No. 24, Cheyne-walk, Chelsea, in the county of Middlesex, Engineer, for the invention of "improvements in apparatus for propelling ships or vessels."

2282. To Phineas Cowan, of the firm of L. Cowan and Sons, of Barnes, in the county of Surrey, Manufacturers, for the invention of "an improvement in refining sugar."

2283. To Fédor de Wyldé, of Trinity-square, Tower-hill, in the county of Middlesex, Gentleman, for the invention of "improvements in the manufacture of an hydrated silica."

2284. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in taps."—A communication to him from abroad by Jean Louis De Waroquier, of Paris, France.

2286. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in life belts and swimming belts."—A communication to him from abroad by Torrillon Verdier and Company, of Paris, in the Empire of France, Manufacturers.

2287. To Peter McLaurin, of Glasgow, in the county of Lanark, North Britain, Manufacturer, for the invention of "improvements in drying paper, pasteboard, and similar fabrics, and in the machinery, apparatus, or means employed therein."

2289. And to James Whitehead, of Calverley, near Leeds, in the county of York, Mechanic, for the invention of "improvements in pneumatic motive power machinery."

On their several petitions, recorded in the Office of the Commissioners on the 17th day of September, 1863.

2290. To James Allen, of the city of Manchester, Engineer and Brass Founder, for the invention of "improvements in the construction of valves and cocks for steam, water, gas, and other fluids."

2291. To John Roberts, of the city of Manchester, in the county of Lancaster, Organ Builder, and Robert Naylor, of the same place, Gentleman, for the invention of "improvements in increasing, diminishing, or otherwise regulating, the power and tone of organs, harmoniums, piano fortes, or other instruments with similar keys or key boards."

2292. To Robert Doyne Dwyer, of Warrington, in the county of Lancaster, Engineer, for the invention of "improved apparatus for cleaning and painting or coating the bottoms of ships and other structures."

2293. To George Davies, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, and No. 28, St. Enoch-square, in the city of Glasgow, Civil Engineer and Patent Agent, for the invention of "improvements in the manufacture of iron and steel, and in apparatus to be employed in such manufacture."—A communication to him from abroad by William Gerhardt, of Philadelphia, Pennsylvania, United States of America.