of ornamental fabrics, usually termed 'Ayrshire

On their petition, recorded in the Office of the Commissioners on the 14th day of November, 1853.

2880. To John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, and of Glasgow, North Britain, Gentleman, for the invention of "improvements in moulding, more particularly applicable to toothed wheels."—A communication from Monsieur de Louvrié, of St. Marc, in the Empire of France, Engineer.

On his petition, recorded in the Office of the Commissioners on the 10th day of December, 1853.

2964. To Archibald Thomson, of Glasgow, in the county of Lanark, North Britain, Iron Ship Builder, for the invention of "improvements in setting out and marking the rivet holes in the plates used in constructing iron ships, boats, boilers, and other vessels."

On his petition, recorded in the Office of the Commissioners on the 20th day of December, 1853.

174. To Adderley Willcocks Sleigh, Knight of the Most Noble and Ancient Order of the Tower and Sword, M.R.H.S., Captain Royal Services of Portugal and Spain, late R.N., of No. 1, Weymouth-street, Portland-place, Middlesex, London, for the invention of "creating a continual self-acting, self-sustaining new motive power, applicable to every purpose requiring speed, motion, and power, together or separately.

176. And to Jean Baptiste Moinier, of La Villette, Paris, in the Empire of France, and of No. 4, South-street, Finsbury, London, Gentleman, for the invention of "a new chemical process for the production of sulphates of soda, potassa, and alumina, of nitrates of soda and potassa, of soap, and of hydrochloric, sulphuric, stearic,

morgaric, and elaidic acids.'

On both their petitions, recorded in the Office of the Commissioners on the 24th day of January,

209. To Jules Joseph Louis Fournier, Gentleman, of Montpellier, in the Empire of France, for the invention of "an improved mode of obtaining

211. To Mead Terry Raymond, of 25, Clement's-lane, Lombard-street, in the city of London, General Commission Agent, for the invention of "improvements in apparatus for retarding and stopping trains of carriages on railways."
213. To Wellington Williams, of Cheapside in the

city of London, Manufacturer, for the invention of "a method of, and apparatus for, heating the heaters of box irons, and other like purposes."

215. To Donald Bethune, of the city of Toronto, in Canada West, for the invention of "improvements in the construction of vessels propelled by steam or other motive power."

217. And to William Woolford, of Bowling New Dye Works, Bradford, in the county of York, for the invention of "improvements in pressing and watering moreens and other fabrics.

On their several petitions, recorded in the Office of the Commissioners on the 28th day of January, 1854.

219. To Peter Armand le Comte de Fontaine Moreau, of 4, South-street, Finsbury, and 39, Rue de l'Echiquier, Paris, Patent Agent, for the invention of "improved means of preventing accidents on railways."—A communication.

221. To Henry Jeremiah Iliffe, of Birmingham,

in the county of Warwick, Button Manufacturer, and Nehemiah Brough, of the same place, Tool Maker and Machinist, for the invention of "improvements in the manufacture of buttons and in attaching them to articles of wearing

apparel."

223. To William Hodgson, of Wakefield, in the county of York, Engineer, for the invention of "improvements in machinery for the manufacture of looped fabrics."

225. To Joseph Rock Cooper, of Birmingham, in the county of Warwick, Gun Maker, for the invention of "improvements in preparing or constructing and dressing rolls for rolling gun barrels, tubes, and bars.

227. To John Kershaw, of the city of Dublin, Ireland, Engineer, for the invention of "im-

provements in steam engines."

229. And to Robert Chapman, of Eaton, in the county of the city of Norwich, Miller, for the invention of "an apparatus for regulating the feed to mill stones."

On their several petitions, recorded in the Office of the Commissioners on the 30th day of January,

To Arnold Morel Fatio, Merchant, and François Verdeil, Medical Doctor and Chemist, both residing in Paris, in the Empire of France, for the invention of "improvements in preserving amimal and vegetable substances."

233. To Thomas Hollingsworth, of Nottingham, for the invention of "improvements in forming

or applying tags to laces.

235. To Caroline Erckmann, of La Villette, near Paris, in the Empire of France, and of No. 16, Castle-street, Holborn (City), London, for the invention of "the manufacture of telegraphic wires."

237. To Richard Oliver, Robert Barlow, and James Blundell, of Manchester, in the county of Lancaster, Engravers, and Copartners, for the invention of "certain improvements in machinery or apparatus for embossing and cutting out patterns or devices, for the ornamentation of textile fabrics or other materials or surfaces."

239. To Louis Christian Koeffler, of Rochdale, in the county of Lancaster, Bleacher and Dyer, for the invention of "certain improvements in the method or process of scouring, washing, and oiling wool and other textile materials, for the purpose of spinning, and in the machinery or apparatus connected therewith."

241. To Pierre Joseph Meeus, of Paris, in the Empire of France, Engineer, for the invention of "improvements in producing metallic sur-

243. To Richard Archibald Brooman, of No. 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in the manufacture of steel."-A communication.

And to James Jackson, of Broad-street, Golden-square, in the county of Middlesex, and George Morris Hantler, of Sloane street, in the county of Middlesex, for the invention of "improvements in baths."

On their several petitions, recorded in the Office of the Commissioners on the 31st day of January, 1854. 247. To Henry Wickens, of No. 4, Tokenhouse-yard, Bank, in the city of London, Gentleman, for the invention of "improvements in the

mode of intercommunication in railway trains." 249. To John Buchanan, of Leamington Priors, in the county of Warwick, Gentleman, for the invention of "improvements in propellers, and

in applying them."
251. To William Guest, of Lion-square, Sneinton, in the county of Nottingham, for the invention of "improvements in machinery for making whips, parts of which improvements are also applicable to the manufacture of braids and wire nets."