1159. To Thomas Clarendon, of the city of Dublin, Gentleman and Owen John Gilsen, of the same city, Carpenter, for the invention of "improvements in the means or apparatus for working breaks on railway carriages."

1161. And to Josiah George Jennings, of No. 29, Great Charlotte-street, Blackfriars and Robert Davenport, of Jonathan-street, Vauxhall, for the invention of "improvements in the construction of kilns for burning pottery and

other ware."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of May,

1162. To Edward Onslow Aston and George Germaine, both of Mill Wall, in the county of Middlesex, Master Mariners, for the invention of "improvements in mariners' compasses to counteract the effects of local attraction."

1163. To Jean Marie Chevron, of Paris, in the Empire of France, Civil Engineer, and Charles Victor Frederic de Roulet, of the same place, late a Ship Owner, but now out of business, for the invention of "improvements in textile fabrics and in machinery for manufacturing such fabrics."

1164. To Joseph Harrison, of Fitzroy-square, in the county of Middlesex, for the invention of

"improvements in piano-fortes."

1165. To Edward Everall, of 2, Henrietta-street, Brunswick-square, in the county of Middlesex, Gentleman, and Thomas Jones, of the same place and county, Chemist, for the invention of "waterproofing all kinds of cloth, clothing, silk, and leather, without injury to their respiratory properties, flexibility of fabric, colour or appearance."

1166. To Edouard Cari Mantrand, of Paris (France), Chemist, for the invention of "improvements in the manufacture of phosphorus."

1167. To Louis Michel François Doyere, of Paris, in the Empire of France, and of 4, South-street, Finsbury, London, Professor of Natural History, for the invention of "improvements in purifying grain."

1168. To John William Jeakes, of Great Russellstreet, in the county of Middlesex, Engineer, for the invention of "an improved construction of

stove-grate."

1169. To John Packham, of 68, Western-road, Brighton, for the invention of "improvements in boilers used for heating and circulating water."

1170. And to John Mc Gaffin, of Liverpool, in the county palatine of Lancaster, Engineer, for the invention of "improvements in metal, casks, and tanks."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of May,

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1171. To Allan Livingston, Junr., of Portobello, in the county of Mid Lothian, Scotland, Brick Manufacturer, for the invention of "improvements in earthenware pipes for drains and sewers."

1172. To Joseph Albert Corwin, of Newark, in the State of New Jersey, United States of America, Gentleman, for the invention of "im-

provements in knitting machinery."

1173. To Gardner Chilson, of Boston, in the State of Massachusetts, of the United States of America, for the invention of "a new or improved furnace or heat generator and radiator, to be used for warming buildings or apartments, or for various other useful purposes."

1174. To Samuel Sweetser, of the State of Massachusetts, of the United States of America, for the invention of "an improvement in preparing skins or hides for the application of tannin thereto or for being tanned."—A communication from Warren A. Simonds, of the aforesaid State.

1175. To Mahlon Loomis, of the State of Massachusetts, of the United States of America, for the invention of "an improvement in the manu-

facture of artificial teeth."

1176. And to William Gossage of Widnes, in the county of Lancaster, Chemist, for the invention of "improvements in smelting or reducing copper ores, and certain other metallic compounds."

On their several petitions, recorded in the Office of the Commissioners on the 26th day of May, 1854.

- 1178. To Henry Distin, of No. 31, Cranbournstreet, Leicester-square, in the county of Middlesex, Musical Instrument Manufacturer, for the invention of "improvements in drums for musical purposes, and in the mode of supporting and keeping them in the required position when in use."—A communication.
- 1179. To Julius Schmoock, of Oxford-street, in the county of Middlesex, Carpenter, for the invention of "improvements in the construction of children's and other carriages moved by manual power."

1180. To Joseph Hipkiss, of Dudley Port, in the county of Stafford, Ironmaster, for the invention of "an improvement or improvements in puddling furnaces used in the manufacture of

iron.

1181. To James Murdoch, of No. 7, Staple-inn, in the county of Middlesex, Patent Agent, for the invention of "improvements in toy pistols."
—A communication.

1182. And to William Stenson, junior, of Whitwick Collieries, near Ashby-dc-la-Zouch, Leicestershire, Mining Engineer, for the invention of "improvements in steam engine valves."

On their several petitions, recorded in the Office of the Commissioners on the 27th day of May, 1854.

1184. To Thomas Bazley, of the city of Manchester, in the county of Lancaster, Cotton Spinner, for the invention of "improvements in and applicable to furnaces and vessels used in connection therewith for the manufacture of glass."

1186. To John Evans, of Abbots Langley, in the county of Hertford, Paper Manufacturer, for the invention of "improvements in the manufacture of ornamental paper and pa; er bands."

facture of ornamental paper and pa; er bands."

1188. And to Thomas Taylor, of Eddingley, in the county of Nottingham, Agricultural Implement Manufacturer, for the invention of "improvements in machinery or apparatus for distributing manure and vegetable substances."

On their several petitions, recorded in the Office of the Commissioners on the 29th day of May,

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1192. To Francis Mordan, of No. 13, Frederickplace, Goswell-street-road, in the county of Middlesex, for the invention of "an improved inkstand."—A communication.

1196. To Henry Doulton, of High-street, Lambeth, for the invention of "an improvement in the manufacture of junctions for sewers and

drains."

1198. To Lewis Stirling Middleton, of Glasgow, in the county of Lanark, North Britian, Manufacturer, for the invention of "improvements in the manufacture or production of ornamental fabrics."