the like notice in respect of the invention of 1327. And Louis Ambroise Henry, of Metz, in "improvements in looms for weaving." the Empire of France, and of 16, Castle-street,

As set forth in their respective petitions, all recorded in the said office on the 17th day of May, 1854.

1121. And Thomas Murray Gladstone, of the Irwell Works, Salford, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "an improved traverser or machine for shifting railway carriages from one set of rails to another."

As set forth in his petition, recorded in the said office on the 19th day of May, 1854.

1130. And John Crossley, of Newton-moor, near Hyde, in the county of Chester, Manager, and William Crossley of Failsworth, in the county of Lancaster, Designer and Card Cutter, have given the like notice in respect of the invention of "improvements in Jacquard machines."

of "improvements in Jacquard machines."
1133. And Berkeley William Fase, of Charlesstreet, Soho-square, in the county of Middlesex, Jeweller, has given the like notice in respect of the invention of "an improved construction of

brooch for fastening dresses."

1134. And William England, of Dudley, in the county of Worcester, Engineer, has given the like notice in respect of the invention of "improvements in pneumatic and hydraulic wheels and fans."

1137. And Frederick Clark, of King-street, Whitehall, has given the like notice in respect of the invention of "an improvement in fixing the spindles of door and other knobs and handles."

As set forth in their respective petitions, all recorded in the said office on the 22nd day of May, 1854.

1149. And Joseph Kuczynski, of No. 46, Rue de Rivoli, in the city of Paris, and Empire of France, has given the like notice in respect of the invention of "improvements in preparing baryta and its salts."

As set forth in his petition, recorded in the said office on the 23rd day of May, 1854.

1179. And Julius Schmoock, of Oxford-street, in the county of Middlesex, Carpenter, has given the like notice in respect of the invention of "improvements in the construction of children's and other carriages moved by manual power."

As set forth in his petition, recorded in the said office on the 27th day of May, 1854.

1191. And Joseph Ridsdale, of the Minories, in the city of London, Brass Founder, has given the like notice in respect of the invention of "improved means or methods of communicating between different parts of ships, and other vessels."

As set forth in his petition, recorded in the said office on the 30th day of May, 1854.

1232. And Peter Armand le Comte de Fontaine Moreau, of 4, South-street, Finsbury, London, and 39, Rue de l'Echiquier, Paris, France, Patent Agent, has given the like notice in respect of the invention of "improvements in the construction of umbrellas and parasols."—A communication.

As set forth in his petition, recorded in the said office on the 3rd day of June, 1854.

1246. And Hippolyte Bordier, of Orleans, in the Empire of France, Banker, has given the like notice in respect of the invention of "improvements in the manufacture of alcohol."—A communication.

As set forth in his petition, recorded in the said office on the 5th day of June 1854

327. And Louis Ambroise Henry, of Metz, in the Empire of France, and of 16, Castle-street, Holborn (City), London, Engineer, has given the like notice in respect of the invention of "certain improvements in constructing railroads."

As set forth in his petition, recorded in the said

office on the 19th day of June, 1854.

1392. And Robert Michael Letchford, of Whitechapel, in the county of Middlesex, Match Manufacturer, has given the like notice in respect of the invention of "a match stand and holder for holding matches while being ignited."

As set forth in his petition, recorded in the said

office on the 23rd day of June, 1854.

1404. And Alexander Bain, of No. 4, Queen's-row, Grove-lane, Camberwell, in the county of Surrey, Mechanical Engineer, has given the like notice in respect of the invention of "improvements in fire-arms and the apparatus connected therewith."

As set forth in his petition recorded in the said

office on the 26th day of June, 1854.

1436. And Nathan Thompson, junior, of New York, in the United States of America, has given the like notice in respect of the invention of "improvements in regulating the supply of steam from steam-boilers."

As set forth in his petition, recorded in the said

office on the 30th day of June, 1854.

1590. And John Sudbury, of Halsted, in the county of Essex, and Samuel Wright, of Clare, in the county of Suffolk, Gas Engineer, have given the like notice in respect of the invention of "improvements in taps and valves, and in the method of working them for the purpose of regulating the passage of fluids."

As set forth in his petition, recorded in the said

office on the 20th day of July, 1854.

1685. And Henry Green, of Liverpool, in the county of Lancaster, Whitesmith and Ironmonger, has given the like notice in respect of the invention of "improved apparatus applicable to the hanging of doors, gates, and windows, and for closing or holding open the same when required."

As set forth in his petition, recorded in the said

office on the 31st day of July, 1854.

1696. And Thomas Edward Merritt, of Maidstone, in the county of Kent, Drawing Master, has given the like notice in respect of the invention of "improvements in apparatus for taking photographic pictures in the open air."

As set forth in his petition, recorded in the said

office on the 1st day of August, 1854.

1703. And Paul Garavaglia de Soresina, of Bedford-row, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in treating flax and hemp."

As set forth in his petition, recorded in the said office on the 2nd day of August, 1854.

1736. And Henry Moorhouse, of Denton, in the county of Lancaster, Tailor, has given the like notice in respect of the invention of "improvements in certain parts of machinery or apparatus used in preparing cotton, wool, or other fibrous materials to be spun."

As set forth in his petition, recorded in the said

office on the 8th day of August, 1854.

1819. And William Johnson, of 47, Lincoln's innfields, in the county of Middlesex, and of Glasgow, North Britain, Civil Engineer, has given the like notice in respect of the invention of "improvements in moulding or shaping articles of vulcanized caoutchouc."—A communication.