

of gas ordinarily used in illuminating, and in the reduction of ores and smelting of metals by means of such gas so purified."

On his petition, recorded in the Office of the Commissioners on the 7th day of May, 1863.

1175. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in rotatory engines."—A communication to him from abroad by Enrico Fava, of Gênes, in the Kingdom of Italy.

On his petition, recorded in the Office of the Commissioners on the 9th day of May, 1863.

1185. To James Shanks, of Arbroath, in the county of Forfar, North Britain, Machinist, for the invention of "improvements in machinery for cutting or shearing the edges of grass or turf."

On his petition, recorded in the Office of the Commissioners on the 11th day of May, 1863.

1225. To Robert Tréfusis Mallet, of 11, Bridge-street, in the city of Westminster, Civil Engineer, for the invention of "improvements in the construction of piers, walls, and other similar structures, and of landing stages, and in the connections therewith, or attachments thereto."

On his petition, recorded in the Office of the Commissioners on the 15th day of May, 1863.

1231. To Robert Talbot, of Strand-on-the-Green, Chiswick, in the county of Middlesex, for the invention of "a folding rudder for steering barges in the River Thames or coastwise."

1237. And to Thomas Cox Stretton, of the firm of T. C. Stretton and Company, of Old Basford, in the county of Nottingham, Lace Dressers, for the invention of "improvements in machinery or apparatus employed in the dressing of lace or other fabrics."

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

1251. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in breech loading fire arms."—A communication to him from abroad by Anthony Pollak, of Washington, in the United States of America.

On his petition, recorded in the Office of the Commissioners on the 19th day of May, 1863.

1274. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, for the invention of "improvements in breech-loading fire-arms, and in cartridges connected with the same."—A communication to him from abroad by Rudolph Mayer, Gentleman, of 13, Rue Gaillon, Paris, in the Empire of France.

On his petition, recorded in the Office of the Commissioners on the 21st day of May, 1863.

1301. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in indicating the position of trains upon railways, and in apparatus employed therein."—A communication to him from abroad by Albert Mayrhofer, Adolf Szepski, and Martin Crachi, all of Vienna, Austria.

1304. And to Frederick Kingsbury, of Cecil-street, in the city of Westminster, Professor of Singing, for the invention of "improvements in the construction of orchestras."

On both their petitions, recorded in the Office

of the Commissioners on the 23rd day of May, 1863.

1308. To George Howell, of the Old Kent-road, in the county of Surrey, Stationer, for the invention of a new double action, self-feeding, stamping, and printing machine."

On his petition, recorded in the Office of the Commissioners on the 25th day of May, 1863.

1350. To William Loeder, of New Broad-street, in the city of London, Merchant, for the invention of "improvements in rails for railways."—A communication to him from abroad by Gabriel Dümler, of Namur, Belgium, Engineer."

1352. To George Henry Pierce, of Plymouth, in the county of Devon, Gentleman, for the invention of "improved apparatus for heating buildings by means of hot water."

1354. To William Green, of Margaret's-place, Old Ford-road, in the county of Middlesex, for the invention of "improvements in the means or method of producing black coloring matters or pigments."

1356. And to Francois Patureau, of Paris, in the Empire of France, Manufacturer, for the invention of "improvements in the manufacture of cardboard or paper boxes or receptacles."

On their several petitions, recorded in the Office of the Commissioners on the 29th day of May, 1863.

1358. To Edward Payson Mosman, of Springfield, Massachusetts, in the United States of America, now residing at Enfield-highway, in the county of Middlesex, Engineer, for the invention of "improvements in obtaining and applying motive power."

1360. To Valentine Baker, Lieutenant-Colonel of Her Majesty's 10th Regiment of Hussars, at present stationed in Dublin, for the invention of "improvements in ordnance."

1362. And to William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in the manufacture of manure."—A communication to him from abroad by Alfred François Mosselman, of 29, Boulevard St. Martin, Paris, Manager of the West of France Lime Burning Company.

On their several petitions, recorded in the Office of the Commissioners on the 30th day of May, 1863.

1368. To John Davey, of Craffhole, in the county of Cornwall, Agricultural Implement Manufacturer, for the invention of "improvements in horse rakes."

1370. And to Charles Belcher, of Little Coxwell, in the county of Berks, Farmer, for the invention of "improvements in cutting and transplanting turf; and in apparatus to be employed therein, which apparatus is also applicable to the extraction of weeds and to the planting of seeds, roots, sets, or plants."

On both their petitions, recorded in the Office of the Commissioners on the 1st day of June, 1863.

1372. To James Mellard, of Rugeley, in the county of Staffordshire, Agricultural Implement Manufacturer, for the invention of "improvements in double moulding or ridging ploughs."

1374. To John Henry Brierley, of Beech Hill Mills, Halifax, and 53, Aldermanbury, London, for the invention of "the application of leather in the manufacture of gentlemen's scarfs and ties."