2146. And James Henry Mapleson, of 1, Pall Mall, in the county of Middlesex, Lieut.-Colonel 6th Tower Hamlets R.V.C., has given the like notice in respect of the invention of "improve-

ments in military or pleasure tents."

2155. And Thomas Melling, of Grassendale Park, Liverpool, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in modes of and apparatus for regulating pressure in pipes or other conduits, and measuring and registering the quantity of water or other fluid flowing through them."

As set forth in their respective petitions, all recorded in the said office on the 20th day of May, 1876.

2178. And Henry Beare, of Newton Abbot, in the county of Devon, has given the like notice in respect of the invention of "an improvement in hay making machines."

As set forth in his petition, recorded in the said office on the 23rd day of May, 1876.

2183. And Carl Heinrich Roeckner, of 4, Royalarcade, Newcastle-upon-Tyne, has given the like notice in respect of the invention of "improvements in means and apparatus for evaporating liquids and generating steam and for utilizing and disposing of noxious gases."

2185. And Louis Joseph Roucou, of Birmingham, in the county of Warwick, has given the like notice in respect of the invention of "an improved liquid compound or composition for bronzing copper, brass, zinc, and other metals, and for preventing the discolouring of gold,

silver and other metals."

2192. And William Cochrane, of Brandon Colliery, in the county of Durham, Colliery Surveyor, has given the like notice in respect of the invention of "improvements in surveying-instruments which renders the said instruments self-recording and dispenses with the use or employment of a protractor in plotting the surveys."

As set forth in their respective petitions, al recorded in the said office on the 24th day of

May, 1876.

2232. And William Walker and John Charles Walker, both of Leeds, in the county of York, have given the like notice in respect of the invention of "improvements in machinery or apparatus employed in the manufacture of pins and needles, also of card and hackle teeth."

As set forth in their petition, recorded in the said

office on the 27th day of May, 1876.

2248. And Edward Orange Wildman Whitehouse, of 12, Thurlow-road, Hampstead, in Middlesex, and Edward Hamilton Thomson, of 5, Bolton-road, Saint John's Wood, in the said county of Middlesex, Engineers, have given the like notice in respect of the invention of "improvements in regulating the number of passengers carried in and on omnibuses and other public vehicles."
2250. And Edward Bayzand Ellington, of Ches-

2250. And Edward Bayzand Ellington, of Chester, in the county of Chester, has given the like notice in respect of the invention of "improvements in capstans worked by water or other

fluid pressure."

As set forth in their respective petitions, both recorded in the said office on the 29th day of

May, 1876.

2266. And William Thomas, of Resolven, Neath, Glamorgan, Mining Engineer, has given the like notice in respect of the invention of "improvements in lubricating tram wheels, waggon wheels, cart wheels, engine wheels, carriage wheels, and the wheels of machinery."

2282. And John Carter Ramsden, of Ilkley, near Leeds, in the county of York, has given the like notice in respect of the invention of "new or improved applications of a metal fabric, and in the mechanism or appliances used in connexion therewith."

As set forth in their respective petitions, both recorded in the said office on the 30th day of

May, 1876.

2297. And Eugène Francis Langlois, of Boulevard Saint Denis, No. 1, at Paris, Mechanician, has given the like notice in respect of the invention of "improvements in machinery or apparatus for cutting fabrics, wood, and other materials."

As set forth in his petition, recorded in the said office on the 31st day of May, 1876.

2317. And Robert McLaren Young, of Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in sewing machines, more especially in relation to overcast sewing."

As set forth in his petition, recorded in the said office on the 1st day of June, 1876.

2338. And Alexander Wilson, of Sheffield, in the county of York, has given the like notice in respect of the invention of "an improved method of utilizing the waste heat of cupola and other furnaces."

As set forth in his petition, recorded in the said office on the 3rd day of June, 1876.

2350. And John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improved apparatus for generating and distilling carburetted hydrogen gas from coal or other carbonaceous materials."—A communication to him from abroad by Thomas Sumerville Stewart, of Philadelphia, Pennsylvania, United States of America.

As set forth in his petition, recorded in the said

office on the 5th day of June, 1876.

2368. And Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in steam and other turbines."—A communication to him from abroad by Jean Hippolyte Dufort, of Paris, France.

As set forth in his petition, recorded in the said office on the 6th day of June, 1876.

2490. And Stephen Joseph James Kelly, of Gray'sinn-road, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in producing letters or other devices or designs upon glass."

As set forth in his petition, recorded in the said office on the 15th day of June, 1876.

2499. And William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "improvement in machinery for forming, inserting, and clinching wire staples in the backs of books and other articles, and in the sewing of books with wire staples."—A communication to him from abroad by Henry Renno Heyl, of Philadelphia, Pennsylvania, United States of America.

2509. And Alfred John Parker, of Broadweir, in the city of Bristol, Printer, has given the like notice in respect of the invention of "an improved apparatus for ruling paper and other like

sheets."