States of America.

As set forth in his petition, recorded in the said office on the 16th day of May, 1877.

1946. And Thomas Bruce, of Shotley Bridge, in the county of Durham, Engineer, and John Robb, of No. 89, Exmouth-street, Stepney, in the county of Middlesex, Engineer, have given the like notice in respect of the invention of "improvements in rotary engines and pumps."

1952. And William Peel and John Brown, both of Birstall, near Leeds, in the county of York, have given the like notice in respect of the invention of "improvements in washing

machines."

1956. And James Starley and John Marshall Starley, both of Coventry, Warwickshire, Machinists, have given the like notice in respect of the invention of "improvements in velocipedes and spanners to be used therewith."

As set forth in their respective petitions, all recorded in the said office on the 18th day of

2003. To 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 "an improvement in ornamenting china, glass, porcelain, and other similar surfaces."-A communication to him from abroad by Samuel Mortimer Adams, of the city, county, and State of New York, United States of America.

As set forth in his petition, recorded in the said office on the 22nd day of May, 1877.

2022. And John Hawkins, of 15, Norfolk-terrace, Bayswater, in the parish of St. Mary Abbot, Kensington, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in locks or fastenings for doors or similar articles.'

As set forth in his petition, recorded in the said office on the 24th day of May, 1877.

2080. And Charles Walker Torr, of the firm of Robert Walter Winfield and Company, of Birmingham, in the county of Warwick, Merchants and Manufacturers, has given the like notice in respect of the invention of "improvements in the manufacture of tubes of copper and alloys of copper.

As set forth in his petition, recorded in the said office on the 29th day of May, 1877.

2256. And William Wilson, of Bebington, in the county of Chester, Gentleman, and William Isherwood, of Bedford, in the county of Lancaster, Engineer, have given the like notice in respect of the invention of "improvements in self-delivering reaping machines.

As set forth in their petition, recorded in the said office on the 9th day of June, 1877.

2312. And Charles Joseph King, of 5, 6, and 7, Holborn-bars, in the city of London, has given the like notice in respect of the invention of "improvements in the manufacture of combs." -A communication to him from abroad by Stanislas Henry Corbeels, of 10, Rue des Terresfortes, Paris, in the Republic of France.

As set forth in his petition, recorded in the said office on the 13th day of June, 1877.

2331. And the Honorable Richard Clere Parsons, of Connaught-place, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in apparatus for propelling ships or vessels."

As set forth in his petition, recorded in the said office on the 14th day of June, 1877.

Sing Sing, in the State of New York, United | 2344. And the Honorable Charles Algernon Parsons, of Connaught-place, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in steam engines."

As set forth in his petition, recorded in the said

office on the 15th day of June, 1877.

2376. And Robert John Smith, of the city of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in means for closing or stoppering bottles."

As set forth in his petition, recorded in the said

office on the 19th day of June, 1877.

2396. And Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in ironing machines."-A communication to him from abroad by Thomas Shires Wiles and Alonzo Pelton Adams, both of Troy, in the State of New York, in the United States of America.

As set forth in his petition, recorded in the said office on the 20th day of June, 1877.

2441. And Joseph Warren Fowle, of Boston, in the county of Suffolk, and State of Massa-chusetts, one of the United States of America, Engineer, has given the like notice in respect of the invention of "improvements on marine engine governors."

As set forth in his petition, recorded in the said

office on the 23rd day of June, 1877.

2448. And Richard Richardson, of Lowdham, in the county of Nottingham, Engineer, has given the like notice in respect of the invention of "improvements in the connections of rods and tubes and in the manufacture of wood screws and other spikes or pins."

As set forth in his petition, recorded in the said

office on the 25th day of June, 1877.

2541. And Hesketh Hughes, of 36, Brooksby'swalk, Homerton, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "improvements in cranked appliances applicable for useful purposes.

As set forth in his petition, recorded in the said office on the 2nd day of July, 1877.

2909. And Thomas Alva Edison, of Menlo Park, in the State of New Jersey, United States of America, has given the like notice in respect of the invention of "improvement in instruments for controling by sound the transmission of electric currents and the reproduction of corresponding sounds at a distance."

As set forth in his petition, recorded in the said office on the 30th day of July, 1877.

2914. And John Dubois, of Williamsport, Pennsylvania, but at present at the Patent Office, 6, Lord-street, Liverpool, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in tool holders and tools used for planing, turning, or shaping iron, wood, or other materials."-Partly his own invention and partly a communication to him from abroad by Edward F. Beugler, of Williamsport, Pennsylvania.

2924. And Hugh William Walker, Sugar Refiner, and Thomas Law Patterson, Analytical Chemist, both of Greenock, in the county of Renfrew, North Britain, have given the like notice in respect of the invention of "improvements in apparatus for purifying or refining of sugar.

As set forth in their respective petitions, both