cation to him from abroad by Eugène Gérard, of 34, Faubourg St. Martin, Paris, France.

- 1553. To James Aston, of Redditch, in the county of Warwick, for the invention of "certain improvements in fishing rods or tackle and other similar articles."
- 1555. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in steam engines."—A communication to him from abroad by Thomas Elwell, Junior, of Paris, France.

On their several petitions, recorded in the Office of the Commissioners on the 20th day of April, 1877.

- 1557. To John Liddell, of Glasgow, in the county of Lanark, North Britain, Engineer, and Alexander MacPhail, of Upper Thames-street, in the city of London, Mechanical Agent, for the invention of "improvements in brick making machines."
- 1559. Alexander Henry, Gun and Rifle Manufacturer and Daniel Fraser, both of Edinburgh, in the county of Midlothian, North Britain, for the invention of "improvements in fire-arms."
- 1563. To Erhard Ludwig Mayer, of Glasgow, in the county of Lanark, North Britain, Chemist, for the invention of "improvements in treating cupreous solutions for the purpose of separating silver."
- 1565. To Alfred Fryer, of Manchester, in the county of Lancaster, and James Bingham Alliott, of Radford, in the county of Nottingham, for the invention of "improvements in the methods of and apparatus for dealing with the refuse of towns and preventing nuisance from the same, part of the method and apparatus being applicable also for general disinfecting purposes."
- 1567. To William Brookes, of 62, Chancery-lane, in the county of Middlesex, Patent and Registration Agent, for the invention of "new or improved machinery or apparatus for simultaneously measuring and winding or rolling up lengths of cloth or other fabrics."—A communication to him from abroad by Eloi Herlin, of Lobbes, in the Kingdom of Belgium, Merchant.
- 1569. To Joseph Holding, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in looms for weaving and in apparatus employed therein."
- 1571. And to George Clark, of 13, Howard-street, Strand, in the county of Middlesex, for the invention of "improvements in roller or wheel skates."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of April, 1877.

- 1573. To John Dunn, of Darlington, in the county of Durham, for the invention of "an improved horse shoe and scarifier."
- 1575. To Edward Charles Henry Blake, of 12, Buckingham-street, Strand, in the county of Middlesex, for the invention of "improvements in apparatus for and in the mode of marking and recording payments, dates, and numbers."
- 1577. To Thomas Lewis Daltry, of the city and county of the city of Bristol, Engineer, for the invention of "improvements in machinery or apparatus for the manufacture of paper bags."
- 1579. To Johann Anton Benedict Von Castelberg, of 58, Holborn Viaduct, in the city of London, for the invention of "improvements in calendar watches."—A communication to him from abroad by Fritz Petitpierre, of Chaux de fonds, Switzerland.

- 1581. To Charles Lee, of Brook-road, Upper Clapton, in the county of Middlesex, for the invention of "improvements in horse-shoes and attachments therefor."
- 1583. And to Charles Clamond, Engineer, of Paris (France), for the invention of "improvements in means and apparatus for generating electricity by steam or heat."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of April, 1877.

- 1585. To James Monington and John Weston, both of Camden Town, for the invention of "improvements in pianofortes, and other musical instruments wherein key-boards are used."
- 1589. To Herbert John Haddau, of the firm of Herbert and Company, Patent Agents, of 67, Strand, in the city of Westminster, Civil Engineer, for the invention of "improvements in refrigerator cars, applicable to refrigerators in general, and also to certain other structures."— A communication to him from abroad by John Manney Ayer, of the city of Chicago, State of Illinois, United States of America.
- 1591. To Thomas Cockcroft, of Birkenhead, in the county of Chester, Mineral Water Manufacturer, for the invention of "improvements in bottling and corking aërated, gaseous, and other liquids, and in apparatus employed therefor."
- 1593. To Edward Murray, of Purbeck-place, Westminster, in the county of Middlesex, for the invention of "improvements in rails and other apparatus, chiefly designed for street, railway, or tramway purposes."
 1599. And to George Thomas Paterson, of East
- 1599. And to George Thomas Paterson, of East Dulwich, in the county of Surrey. Electrician, for the invention of "improvements applicable to electric telegraph apparatus."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of April, 1877.

- 1603. To William James Dodds and Alexander Robb, both of Gray's Inn-road, in the county of Middlesex, Cabinet Makers, for the invention of "improvements in despatch boxes, desks, escritoires and hinges for the same or for other purposes."
- 1607. To Philip Jacob Lack, of Westmorelandplace, City-road, in the county of Middlesex, Manufacturer, for the invention of "improvements in the manufacture of metal frames for travelling bags and other like articles and in locks for the same."
- 1609. To John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in emery or corundum wheels and in the mode of manufacturing the same."—A communication to him from abroad by Isaac Payn Brown the younger, of Newark, New Jersey, in the United States of America.
- 1611. To Samuel Dalziel, of Kilmarnock, in the county of Ayr, North Britain, Gas Works Manager, for the invention of "improvements in gas meters."
- 1615. To George Broc'telbank, of 37, Thornsettroad, South Penge Park, Anerley, for the invention of "improvements in apparatus to be used to indicate the sum of the fares received by omnibus conductors, and for other such like purposes."
- 1617. To Charles Denton Abel, of Southamptonbuildings, in the county of Middle-ex, for the invention of "improvements in feed water heaters."—A communication to him from abroad by George Steele, of New York, in the United States of America.