condensing sea or other water, and in the apparatus therefor."

On both their petitions, recorded in the Office of the Commissioners on the 29th day of June, 1871.

- 1703. To Edmund Quinn, of Brooklyn, in the county of Kings and State of New York. of the United States of America, for the invention of "improving the construction of double cranks, whereby the motion of the shaft or journal thereto connected is made more even, and the disturbing effect of dead centres almost entirely obviated."
- 1705. To James Murdoch Napier, of York-road, Lambeth, in the county of Surrey, for the invention of "improvements in weighing machines."
- 1707. And to Thomas Baker, of Forest Gate, in the county of Essex, Gentleman, for the invention of "a new or improved mode and means of covering the heads of the rivets in the stretcher forks of umbrellas, sunshades, and parasols."

On their several petitions, recorded in the Office of the Commissioners on the 30th day of June, 1871.

- 1709. To Richard Long, of Liverpool, in the county of Lancaster, for the invention of "improvements in bridges and fire doors for furnaces of steam boilers."
- 1715. And to William Robert Lake, of the firm of Haseltine. Lake, and Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved lubricating compound."
  A communication to him from abroad by William Salamon, of the city and State of New York, United States of America.

On both their petitions, recorded in the Office of the Commissioners on the 1st day of July, 1871.

- 1719. To John Jordan, of Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in the arrangement and construction of furnaces for burning coals or other combustibles."
- 1721. To Joseph Jervis, of Sheffield, in the county of York, Ironfounder, for the invention of "improvements in the manufacture of cutlery."
- 1723. To William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "a new or improved composition for destroying the larvae of May-bugs, and every kind of grub, worm, or insect."—A communication to him from abroad by Albert Lainé, of Beaunay (Seine Inférieure), France, Agriculturist.
- 1727. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "an improved coffee-pot."—A communication to him from abroad by Edmond Antoine Gaston D'Argy, of 13, Boulevart St. Martin, Paris.
- 1729. And to William James Schlesinger, of Union-court, Old Broad street, in the city of London, for the invention of "a new or improved clip or file for bills and papers."--A communicat on to him from abroad by Augustus Arnold Schlesinger, of the city of New York, in the United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 3rd day of July, 1871.

1731. To John Rawcliffe, junior, of Preston, in the county of Lancaster, Walter Bibby and Andrew Fleming, of the same place, Cotton Spinners, for the invention of "improvements in mules for spinning."

- 1733. To James Hargreaves, of Appleton within Widnes, in the county of Lancaster, Chemist, and Thomas Robinson, of Widnes, in the same county, Ironfounder, for the invention of "improvements in the manufacture of sulphates, and in apparatus employed therein."
- 1741. To Alfred Savage Dixon, of Leeds, in the county of York, Brass Founder, for the invention of "an improved water gauge or other gauge cock."
  1743. To William Edward Newton, of the Office
- 1743. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of ""improvements in the construction of roads, street pavements, side walks, floors, and other analogous surfaces."—A communication to him from abroad by Daniel Brennan, junior, of Orange, in the State of New Jersey, United States of America.
- 1745. And to Jesse Hildred, of Batley, in the county of York, Borough Surveyor, for the invention ot "improvements in apparatus for ventilating and trapping sewers and for affording access thereto."

On their several petitions, recorded in the Office of the Commissioners on the 4th day of  $July_r$  1871.

- 1776. To Benjamin Tanner, of New Brighton, in the county of Chester, Manufacturing Chemist, for the invention of "improvements in the manufacture of superphosphate of lime so as to control its soluble condition."
- 1778. To Peter Joel Livsey, of the city of Manchester, in the county of Lancaster, Consulting Engineer and Patent Agent, for the invention of "mprovements in the construction and winding or manufacture of thread spools for and in adapting them to sewing machine shuttles." —A communication to him from abroad by Timothy Merrick, of Holyoke, county of Hampden, State of Massachusetts, United States of America.
- 1780. To Edward Haynes and Henry Haynes, of 229, Edgware-road, Paddington, in the county of Middlesex, Ironmongers. for the invention of "improvements in reels for conveying from place to place, laying down and taking up flexible tubing or hose."
- 17×6. And to Louis Abraham Brode, Paper Maker, and Gustav Bash, Fire-proof Safe Maker, both of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in the manufacture of bobbins."

On their several petitions, recorded in the Office of the Commissioners on the 7th day of July, 1871.

- 1790. To Godfrey Anthony Ermen, of Eccles, in the county of Lancaster, Manufacturer, for the invention of "improvements in breech loading fire arms and ordnance."
- 1792. To Henry Archibald Mallock, of Harleystreet, in the county of Middlesex, Captain in the Bengal Staff Corps, for the invention of "improvements in electric conductors."
- 1794. To Paul Ernst Kaeuffer, of 14, Foxleyroad, Brixton, in the county of Surrey, Engineer, for the invention of "improvements in freezing and refrigerating machines, and in utilizing the heat contained in compressed air for other purposes."
- 1796. To William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in steam boilers."—A communication to him from abroad by Mark Bartlett, of Trieste, Austria.