

1585. And to William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in the manufacture of blocks for paving and other like purposes, and in apparatus employed therefor."—A communication to him from abroad by Frederic Augustus Luckenbach, of the city and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of May, 1872.

1589. To John Imray, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "improvements in the manufacture of iron and steel, and apparatus therefor."—A communication to him from abroad by Thomas Schoenberger Blair, of Pittsburg, Pennsylvania, in the United States of America.

On his petition, recorded in the Office of the Commissioners on the 24th day of May, 1872.

1591. To George Tomlinson Bousfield, of Loughborough Park, Brixton, in the county of Surrey, for the invention of "a new and improved combination tool for use in mending machinery belts, and for other purposes."—A communication to him from abroad by David Heaton, of the city and county of Providence, and State of Rhode Island, United States of America.

1592. To John Farquharson, of Blairgowrie, in the county of Perth, North Britain, Gamekeeper, for the invention of "improvements in breech-loading fire-arms."

1594. 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 caloric engines for obtaining motive power."—A communication to him from abroad by Alexis de Bisschop, of Paris, in the Republic of France.

1595. To Frederick Le-Breton Bedwell, of Croydon, in the county of Surrey, Paymaster in the Royal Navy, for the invention of "an improved construction of life buoy."

1596. To Henry Figatner, of Milan, in the Kingdom of Italy, Electrician, at present residing at Finsbury-square, in the city of London, for the invention of "improvements in voltaic or galvanic batteries."

1597. To Albert Brown Houghton, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "an improved apparatus for locking up or securing type or other printing surfaces in frames or 'chases,' and for locking chases on the beds of presses or machines."

1599. To James Shackleton, of Halifax, in the county of York, Manufacturer, and Joseph Pickles Binns, of the same place, Engineer and Machinist, for the invention of "a machine or apparatus for 'tieing-in' warps."

On their several petitions recorded in the Office of the Commissioners on the 25th day of May, 1872.

1600. To Frederick John Cheesbrough, of 15, Water-street, Liverpool, in the county of Lancaster, for the invention of "improvements in machinery and apparatus to be used in the process of manufacturing oil from seeds."—A communication to him from abroad by William Munroe Force and Agur Judson, both of Newark, New Jersey, United States of America.

1601. To Robert Jackson and Joseph Burdekin Jackson, both of Sheffield, in the county of York, File & Steel Manufrs., trading under the style or firm of Spear & Jackson, for the invention of "improvements in machinery or apparatus for cutting files."

1603. To Edward Mather, Millwright and Engineer, Fountainbridge, Edinburgh, for the invention of "improvements in splitting, separating, cleaning, and dressing fibrous materials, more especially Rhea or China grass, and in machinery for these purposes."

1604. To Robert Irvine, of Baltic-street, Leith, North Britain, Chemist, and James Mackintosh, of Buenos Ayres, in the Argentine Republic, Merchant, for the invention of "improvements in the manufacture of paper stock."

1605. To Charles Edwin Wallis, of Albert-street, Peckham, in the county of Surrey, for the invention of "improvements in repeating or revolving fire-arms."

1606. To Walter Easterbrook, of the firm of Easterbrook and Company, of Bridgwater, in the county of Somerset, and 3A, Finsbury-place South, London, Railway Signal Engineers, for the invention of "improvements in the mechanical contrivances and apparatus employed for locking, and more especially for actuating or setting in motion the locking and interlocking gear for governing railway points and signals."

1607. To Frederick Walton and John Jones, both of Staines, in the county of Middlesex, for the invention of "an improved machine for manufacturing nuts for screw bolts."

1608. To Jasper Henry Selwyn, of Gloucester-crescent, Hyde Park, in the county of Middlesex, Captain, Royal Navy, for the invention of "a new method of treating refractory ores of silver."

1609. To Isaac Blue Harris, Superintendent at Castle Mills, Fountainbridge, Edinburgh, Scotland, for the invention of "improvements in and connected with moulds for the production of india rubber valves and such like articles."

1610. And to William Hook Davey, of Islington, in the county of Middlesex, for the invention of "an improved machine for ironing, calendering, or smoothing linen and other fabrics."

On their several petitions, recorded in the Office of the Commissioners on the 27th day of May, 1872.

1611. To Alfred Charles Hobbs, of Bridgeport, Connecticut, in the United States of America, but now residing at the Queen's Hotel, St. Martin's-le-Grand, in the city of London, Lock Engineer and Manufacturer of Machinery, and John Matthias Hart, of 76, Cheapside, in the said city of London, Lock and Safe Engineer, for the invention of "improvements in safes and other depositories for property and other articles of value, and in doors for such and other places, and in locks or fastenings for the same, part of which improvements is applicable to other structures."

1613. To Henry Bernoulli Barlow, of Manchester, in the county of Lancaster, Patent Agent, for the invention of "improvements in machinery or apparatus for washing, dyeing, and otherwise treating fibrous substances and other materials."—A communication to him from abroad by Pierre Victor Renard, of Paris, in the Republic of France.

1614. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "an improved engraving, cutting, and carving machine."—A