

1451. To Joseph George Rollason, of the firm of Rollason, Wood, and Co., Stampers, Piercers, and Fancy Chain Manufacturers, of Birmingham, in the county of Warwick, for the invention of "certain improvements in solitaires and other like fastenings."

1452. And to Askew Jones, of 45, Gunter-grove, Brompton, in the county of Middlesex, Builder, for the invention of "improvements in the manufacture of bricks."

On both their petitions, recorded in the Office of the Commissioners on the 13th day of April, 1877.

1465. To John Hollway, of the firm of Hollway Brothers, of 7, Jeffrey's-square, in the city of London, for the invention of "certain improvements in the production of silicides of metals and silicides of metallic alloys and in the process employed therefor."

1475. And to Frederick Herbert William Higgins, of No. 17, Cornhill, in the city of London, Civil Engineer, for the invention of "improvements in printing telegraph instruments."

On both their petitions, recorded in the Office of the Commissioners on the 14th day of April, 1877.

1483. To Joseph William Wilson, of Sydenham, in the county of Surrey, Civil Engineer, for the invention of "improvements in the manufacture of wooden boxes, and in apparatus therefor."

On his petition, recorded in the Office of the Commissioners on the 16th day of April, 1877.

1495. To Charles John Guy and Frederick Spencer Guy, both of South-street, Finsbury Market, in the county of Middlesex, Cabinet Manufacturers, and William Henry Dale, of Euston-road, in the said county, Gentleman, for the invention of "improvements in the construction and arrangement of apparatus connected with the display of show bills and the like."

On their petition, recorded in the Office of the Commissioners on the 17th day of April, 1877.

1503. To William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 1, Rue Laffitte, Paris, for the invention of "improvements in duplex pumping engines."—A communication to him from abroad by George F. Blake, of Boston, Massachusetts, United States of America.

1507. To George Fellows, of Hackney, in the county of Middlesex, for the invention of "a new and improved method and apparatus for 'after flushing' water closets."

1511. To Albert Barker, of New Bond-street, in the county of Middlesex, Dressing Case Maker and Silversmith, for the invention of "improvements in keys for locks, latches, watches, clocks, and other like articles, applicable also to cocks or taps."

1513. And to Hector Auguste Dufrené, of No. 10, Rue de la Fidélité, Paris, in the Republic of France, and 4, South-street, Finsbury, London, Civil Engineer and Patent Agent, for the invention of "improvements in buttons, and in the mode or method of attaching the same to wearing apparel and other articles."—A communication of M. Pierre Lenique, of Saint Germain, in the Republic of France.

On their several petitions, recorded in the Office of the Commissioners on the 18th day of April, 1877.

1517. To Arthur John Baker, of Great Saint Helena, Bishopsgate, in the city of London, for

the invention of "improvements in window fittings."

1519. To Charles Fairbairn, of Tonge Villa, Middleton, in the county of Lancaster, Engineer, for the invention of "improvements in apparatus for rolling and impressing the surfaces of bolt blanks and other articles of metal in either a hot or cold state, so as to form screws or patterns thereon."

1521. To John Worth, of Rochdale, in the county of Lancaster, for the invention of "improvements in the manufacture of 'washer-cloths' used in machinery for spinning and doubling cotton and other fibrous substances."

1523. To William King, of 21, Lockington-road, Battersea Park, in the county of Surrey, Joiner, for the invention of "improvements in tools for cutting tenons."

1525. To Robert Goldthorp Ackroyd and Abraham Ambler, of Birkenshaw, in the county of York, Worsted Spinners, for the invention of "improvements in or applicable to carding engines."

1527. To Robert Hay and Joseph Longley, both of Barnsley, in the county of York, for the invention of "improvements in the utilization of small coal for the manufacture of coke."

1529. To Francis Fleming, of Halifax, in the county of York, Card Manufacturer, for the invention of "improvements in machinery for spinning and doubling fibres."

1533. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improved apparatus for lighting and extinguishing gas."—A communication to him from abroad by Edward Lindsley, of Cleveland, Ohio, United States of America, Engineer and Superintendent of Gas Works.

1535. And to William Henry Lascelles, of Bunhill-row, in the county of Middlesex, for the invention of "improvements in the manufacture of bricks or blocks and tiles to be used in building."

On their several petitions, recorded in the Office of the Commissioners on the 19th day of April, 1877.

1541. To James Robert Leaver, of the firm of Le Gros, Mayne, Leaver, and Company, of Queen Victoria-street, in the city of London, for the invention of "improvements in apparatus for channelling, cutting, or getting rock, slate, coal, and other minerals."

1543. To Lewis Cogan, of the firm of Cogan and Son, of Torquay, in the county of Devon, for the invention of "improved means and apparatus for preventing down and increasing upward draught in chimneys thereby preventing the smoking thereof."

1545. To Matthew Henry Larmuth, of Salford, in the county of Lancaster, Engineer, for the invention of "improvements in the method of and in apparatus for drying hanks."

1547. To Henry Janig, of Burton-street, Sherwood, near the county town of Nottingham, Engineer, for the invention of "improvements in machinery for cooling liquids, vapors, & gasses, and for condensing steam & vapors."

1549. To Francis Henry Atkins, of Fleet-street, in the city of London, for the invention of "improvements in filters."

1551. To William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "improvements in apparatus for facilitating the putting on of boots and shoes."—A communication