which is applicable to springs for carriages, power hammers, and other purposes." On their several petitions, recorded in the Office

of the Commissoners on the 12th day of February,

593. To George Duncan, of Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in machinery or apparatus for finishing printed sheets of paper.'

595. To George Whight, of Ipswich, in the county of Suffolk, Machinist, for the invention of "improvements in steam whistles."—A communication to him from abroad by Christopher McKiernan, of Paterson, New Jersey, United States of America.

597. To George King, of Birmingham, in the county of Warwick, Cut Nail Maker, for the invention of "improvements in machinery for the manufacture of cut nails and tacks.'

599. To James Curren, of Manchester, in the county of Lancaster, for the invention of "improvements in the construction of electric

indicators."

601. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "an improved indicator for the slide-valves of steam engines."—A communication to him from abroad by John Shaw Wallace, of Brettland, in the county of Athens, and State of Ohio, United States of America.

603. To Thomas George Webb, of Manchester, in the county of Lancaster, Glass Manufacturer, for the invention of "improvements in apparatus

for feeding furnaces."

605. And to Thomas Archer, Junior, of the Dunston Engine Works, Dunston, in the county of Durham, Engineer, for the invention of "a new or improved mill for crushing bones or other substances such as oil cakes.'

On their several petitions, recorded in the Office of the Commissioners on the 14th day of February, 1876.

- 607. To Adolphe Boursot, of Hyde Park, in the county of Middlesex, Gentleman, for the invention of "improvements in rink skates."
- 609. To Edwin Powley Alexander, of 14, Southampton-buildings, in the county of Middlesex, Consulting Engineer and Patent Agent, for the invention of "improvements in dredging, and in the machinery, apparatus, or means employed therein."-A communication to him from abroad by Emil Kaselowsky, of the city of Berlin, in the Kingdom of Prussia, Engineer.
- 611. To Maria Procopé, of Stockholm, Sweden, but at present of 33, Chancery-lane, in the county of Middlesex, for the invention of " new or improved apparatus applied to organs, harmoniums, and other free reed instruments, for tuning same."
- 615. To William Middleditch Scott, of the firm of W. and C. Scott and Son, of Birmingham, in the county of Warwick, Gun Manufacturers, and Martin Scott, of Birmingham aforesaid, Manager of Gun Works, for the invention of "improvements in breech loading small arms.
- 617. To John Gilbert Weir, of Lyndhurst-road, Peckham, in the county of Surrey, for the invention of "improvements in signalling apparatus for railways."
- 621. To Henry McManus, of New York, in the United States of America, but at present of 47, Lincoln's-inn-fields, in the county of Middlesex, for the invention of "improvements in loom pickers."

623. And to Henry Woodcroft Hammond, of 27, Southampton-buildings, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in roller skates." On their several petitions, recorded in the Office of the Commissioners on the 15th day of February, 1876.

PATENTS WHICH HAVE BECOME VOID.

LIST of the Letters Patent for Inventions which have become void by reason of the non-payment of the additional Stamp Duty of £50, before the expiration of the third year from the date of such Patents, pursuant to the Act of the 16th Vic., c. 5, sec. 2, for the week ending the 19th day of February, 1876.

530. James Thompson Dennison, of Halifax, in the county of York, Drysalter, for an invention of "improvements in the construction and arrangement of domestic fire-places, flues, and grates for economizing fuel and space, also reducing first costs of construction."—Dated 13th February, 1873.

535. Alfred John Parker, of No. 27, Queen Margaret's-grove, Mildmay Park, in the county of Middlesex, Printer, for an invention of "improvements in machines for printing."-Dated

13th February, 1873. 537. Stephen Alley, of Glasgow, in the county of Lanark, North Britain, Engineer, for an invention of "improvements in dressing shirts, and in apparatus therefor."—Dated 13th February, 1873.

538. Charles Burfitt, of Surrey House, New Wimbledon, in the county of Surrey, Civil Engineer, for an invention of "the manufacture of a new composition for the removal and prevention of incrustation in steam boilers."-

Dated 13th February, 1873.

540. William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southamptonbuildings, London, for an invention of "an improved machine for sewing sails, tents, tarpaulins, awnings, and similar articles."-From sbroad by Kate C. Barton, of Philadelphia, Pennsylvania, United States of America .-Dated 18th February, 1873.

541. Edmund Edwards, of 38, Southampton-buildings, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for an invention of "improvements in the construction of engines driven by steam, compressed air, or other elastic fluid, or by water, especially applicable to rock boring engines."—Dated 13th

February, 1873. 543. Jules Viault, of Melun, Department of the Seine et Marne, Mechanician, and Claude Noël Bernier, Son, of the Department of the Loire, Merchant, both in the Republic of France, for an invention of "an electric detonating disc, and other signals for preventing railway accidents, applicable to railways."—Dated 13th February, 1873.

545. Henry Highton, M.A., of Putney, in the county of Surrey, for an invention of "improvements in electric telegraphs."-Dated 13th

February, 1873. 546. John Schofield, Crabber, in the employ of William Eddleston and Company, of Sowerby Bridge, in the county of York, Dyers and Stovers, and William Mellor, of Sowerby Bridge aforesaid, Mechanic, for an invention of "improved machinery or apparatus for smoothing and pressing textile fabrics."-Dated 13th February, 1873.