Taunton, in the county of Somerset, Captain in the Royal Navy, for the invention of "improvements in apparatus for saving life from drowning, which apparatus may be used for

other purposes."

1050. And to Thomas Charles Townsend, of Shrewsbury, in the county of Salop, Civil Engineer, for the invention of "improvements in machinery or apparatus for raising or lifting the permanent way of railways, and for lifting and pressing for various purposes."—A communication to him from abroad by Louis Christophe Bernardin Michel, 13, Rue Vavin, Paris. On their several petitions, recorded in the Office of the Commissioners on the 20th day of March,

## 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 22nd day of March, 1873.

772. Richard Tonge, of Manchester, in the county of Lancaster, Manufacturer, for an invention of "improvements in looms for weaving, partly applicable to beaming machines."—Dated 16th March, 1870.

773. William Charles Mitchell, of Belfast, in the county of Antrim, Ireland, for an invention of "certain improvements in books."-Dated 16th

March, 1870.

780. James Townsend Walker, of Albany, Albany County, State of New York, United States of America, for an invention of "making horse shoes."—Dated 16th March, 1870.

- 781. William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for an invention of "an improved machine for forming trenches or ditches."—Communicated to him from abroad by Henry Carter, of Aylmer, Ontario, Dominion of Canada, Blacksmith.—Dated 16th March, 1870.
- 784. John Henry Johnson, of 47, Lincoln's-innfields, in the county of Middlesex, Gentleman, for an invention of "improvements in the construction of roads and ways, and in the materials employed therein, which materials are also applicable to other purposes for which asphalte is generally employed."—Communicated to him from abroad by Léopold Wiart, of Paris, in the Empire of France, Civil Engineer.—Dated 16th March, 1870.

35. Francis Virtue, of Liverpool Oil Mills, Liverpool, in the county of Lancaster, for an 785. Francis invention of "improvements in maintaining, controlling, and registering the pressure in hydraulic presses, and in apparatus connected therewith."—Dated 16th March, 1870.

787. Daniel Spill, of Hackney-terrace, Hackney, in the county of Middlesex, for an invention of "improvements in the production of compounds containing xyloidine." — Dated 16th March,

793. Frederick Augustus Barrow, of Glasgow, in the county of Lanark, North Britain, Drysalter and Commission Agent, for an invention of "improvements in apparatus for evaporating, concentrating, and distilling liquids, and in recovering reagents from oil-refiners' and other bye-products."-Dated 17th March, 1870.

1048. To George Beadon, of Creechbarrow, near | 796. Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancerylane, London, for an invention of "improvements in lithographic, zincographic, and other printing presses."—Communicated to him from abroad by Charles Parker, of Meriden, in the county of New Haven, United States of America. -Dated 17th March, 1870.

797. Alexander Melville Clark, of 53, Chancerylane, in the county of Middlesex, Patent Agent, for an invention of "improvements in moulds used in stereotyping, and in apparatus for producing the same."—Communicated to him from abroad by Hippolyte Auguste Marinoni, Machinist, of 13, Boulevart St. Martin, Paris.—

Dated 17th March, 1870.

798. James Davis and William Nash Davis, both of Hemel Hempstead, in the county of Hertford, Agricultural Implement Makers, for an invention of "improvements in the construction of two furrow ploughs and in other tilling implements."-Dated 17th March, 1870.

801. Stanhope Perkins, of Gorton, near Manchester, in the county of Lancaster, Engineer, for an invention of "improvements in locomotive and other steam boilers having fire boxes."—Dated 18th March, 1870.

803. Robert Girdwood, of Edinburgh, in the county of Mid Lothian, North Britain, Merchant, for an invention of "improvements in machinery or apparatus for cutting or dressing stone."-Dated 18th March, 1870.

815. Alexander Morton Strathern, of Coatbridge, in the county of Lanark, North Britain, Engineer, for an invention of "improvevents in apparatus for getting or cutting minerals, and in apparatus for compressing air."—Dated 19th March, 1870.

824. Jane Weedon, of No. 11, King-street, Soho, in the county of Middlesex, sister and sole executrix of George Weedon, late of Gracechurchstreet, in the city of London, deceased, for an invention of "improvements in knife cleaning machines."-Dated 19th March, 1870.

825. George Kent, of No. 199, High Holborn, in the county of Middlesex, Machinist, for an invention of "an improved combined carvingfork and knife-sharpener."-Dated 19th March,

1870.

834. Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for an invention of "improvements in manufacturing harrels and other round vessels of wood."-Communicated to him from abroad by Daniel Howard Waters, of Grand Rapids, in the State of Michigan, United States of America.—Dated 21st March, 1870.

837. William Robert Lake, of the "International Patent Office," Southampton-buildings, London. Consulting Engineer, for an invention of "improvements in wheels for railway engines and carriages."-Communicated to him from abroad by James Atkins Woodbury, of Boston, Massachusetts, United States of America. - Dated 21st

March, 1870.

Alfred Barlow, of the Strand, in the county of Middlesex, Engineer, for an invention of "improvements in jacquard mechanism for weaving and other purposes, parts of which improvements are also applicable for playing musical instruments."—Dated 21st March, 1870.

839. William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for an invention of "an improved micrometric steelyard."—Communicated to him from abroad by Louis Jean Baptiste