1730. William Robert Lake, of the firm of Hasel- 1755. James Salmon, of Manchester, in the tine, Lake, & Co., Patent Agents, Southamptonbuildings, London, for an invention of "improvements in machines for ironing clothes."-The said invention has been communicated to him from abroad by Gideon Wesley Cottingham, of Saint Mary's, Texas, United States of America, Minister.—Dated 15th May, 1874.

1733. Edmund Alfred Pontifex, of the Farringdon Works, Shoe-lane, in the city of London, for an invention of "improvements in apparatus to be used in drawing off water and other liquors, and in measuring the quantities drawn off."-Dated

15th May, 1874.

1735. Henry A. Chapin, of 38, Southampton-buildings, Chancery-lane, London, Engineer, for an invention of "improvements in spinning

machinery."—Dated 15th May, 1874.

1740. John Henry Johnson, of 47, Lincoln's-innfields, in the county of Middlesex, Gentleman, for an invention of "improvements in steam engines."—Communicated to him from abroad by François Correy, of Paris, in the Republic of France.—Dated 16th May, 1874.

1742. Emil Königs and James Henderson, both of Irvine, in the county of Ayr, North Britain, Manufacturing Chemists, for an invention of "improvements in obtaining sulphate of soda or of potash, hydrochloric acid, and chlorine."—

Dated 16th May, 1874.

1743. Robert Nicol Angus, of Stoke-upon-Trent, and William Henry Hammersley, of Leek, both in the county of Stafford, for an invention of "improvements in piston and pump rods and in glands for the same."-Dated 16th May, 1874.

1744. William Charles Straker, of Farringdonstreet, in the city of London, for an invention of "improvements in book binding and in means or apparatus to be employed therein."-

Dated 16th May, 1874.

1745. Henry James Barr, of Culter House, near Aberdeen, North Britain, a General in Her Majesty's Army, for an invention of "improvements in automatic signals, more especially adapted for use on railways where the block system of signalling is employed."-Dated 16th May, 1874.

1746. George Lowry, of Salford, in the county of Lancaster, Engineer, for an invention of "improvements in breaks for railway and other

carriages."-Dated 16th May, 1874.

1747. James Neale, of Birmingham, in the county of Warwick, Manufacturer, for an invention of "certain improvements in fastenings for carriage lamps."-Dated 16th May, 1874.

1748. Frederick Ripley, of Bradford, in the county of York, Spinner and Manufacturer, and Charles Compton Seton, of the same place, Merchant, for an invention of "improvements in machinery for spinning and doubling fibres.' -Dated 16th May, 1874.

1749. Charles Julius Ball, of New Bridge-street, in the city of London, for an invention of "improvements in apparatus for compressing air or other elastic fluids."-Dated 16th May, 1874.

1754. Alfred William George Weekes, George Deal, George Lillywhite, and Alexander Oliver Launders, carrying on business under the style of J. Weekes & Co., Horticultural Builders and Hotwater Apparatus Manufacturers, King'sroad, Chelsea, in the county of Middlesex, for an invention of "improvements in hotwaterboilers and hotwater apparatus applicable to the circulation of hotwater, part of which improvements are applicable to other purposes."—Dated 18th May, 1874.

No. 24462.

county of Lancaster, Printers' Engineer, and Daniel Nickols, of the same place, Engineer, for an invention of "improvements in machinery for cutting and scoring card hoard, straw board, scale board, and other similar substances for making boxes for bookbinders, and other similar purposes."—Dated 18th May, 1874.

1756. Samuel Milne Smith and Charles Telford Smith, of Horton Dye Works, Bradford, in the county of York, Dyers and Finishers, for an invention of " improvements in dyeing or printing textile or other fabrics, warps, or yarns, and in machinery or apparatus to be employed

therein."-Dated 18th May, 1874.

1761. Robert Lewis Jones, of Garston, near Liverpool, in the county of Lancaster, for an invention of "improvements in railway points or switches."-Dated 18th May, 1874.

1762. Jules Joseph Laveissière, of No. 58, Rue de la Verrerie, in the city of Paris, Merchant, for an invention of "improvements in refining and purifying of metals other than iron."-

Dated 18th May, 1874.

1768. Joseph Hartley, of Ormskirk, in the county of Lancaster, Brewer, for an invention of "certain improvements in the construction of fermenting vats, settling vats, store vats, and attemperators used by brewers, rectifiers, British wine makers, and others."-Dated 19th May, 1874.

1770. Johannes Ditlef Fürst Hald, of the city of London, Engineer, for an invention of "new or improved mode of preserving milk and cream." -Communicated to him from abroad by Fritz Sofus Frölich, of Kristiania, in the Kingdom of

Norway.—Dated 19th May, 1874.

1772. Thomas Parkin Moorwood, of the firm of Marshall, Watson, and Moorwood, Harleston Iron Works, Sheffield, in the county of York, for an invention of "improvements in moulds for casting steel or other metal ingots."-Dated 19th May, 1874.

1777. Joseph Thomas Parlour, of Brooklyn, New York, United States of America, now of No. 8, Southampton-buildings, London, Shipwright for an invention of "improvements in the construction of ships and in apparatus connected therewith."—Dated 19th May, 1874.

1779. Louis Finger, of Boston, in the county of Suffolk, and State of Massachusetts, of the United States of America, for an invention of "improvements in electro magnetic annun-

ciators."-Dated 19th May, 1874.

1780. Henry Orville Lothrop, of Milford, in the county of Worcester, and State of Massachusetts, of the United States of America, for an invention of "manufacture of wire tubing for ferrules as well as in the machine for producing the

same."-Dated 19th May, 1874.

1781. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention-of "improvements in steam and other engines."-From abroad by Wallace Wells, of Brooklyn, in the State of New York, United States of

America.—Dated 19th May, 1874. 1783. Emma Annette Voile, of Bidborough-street, St. Pancras, in the county of Middlesex, for an invention of "an improved machine or apparatus to be employed in the manufacture of Ponte-

fract pipes."—Dated 19th May, 1874.

LIST of the Letters Patent for Inventions which have become void by reason of the non-payment of the additional Stamp Duty of £100 before the expiration of the seventh year

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