

2192. To Andrew Sweet, of Hampstead-road, in the county of Middlesex, Ironmonger, for the invention of "improvements in water waste preventers and waste preventing cocks, taps, or valves."
2193. To William Powell, of Birmingham, in the county of Warwick, Gun Manufacturer, for the invention of "improvements in breech loading small arms."
2196. To William Henry Helm, of Padiham, in the county of Lancaster, for the invention of "improvements in looms for weaving."
2197. To William Jenkins, of the Willows, Abergavenny, in the county of Monmouth, Gentleman, for the invention of "improvements in the prevention of leakage in wooden casks."
2198. To Robert Willacy, of Penwortham Priory, near Preston, in the county of Lancaster, Land Agent, for the invention of "a new and improved mode of and apparatus for spreading or distributing manure or other substances over the ground."
2199. To Richard Nicholson, of Dulwich, in the county of Surrey, Architect, for the invention of "improvements in junctions for gas and water mains and branches."
2200. To Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in bits for horses and other animals."—A communication to him from abroad by Henri Maurrissën, of Brussels, in the Kingdom of Belgium.
2201. To Joseph Stubbs, of Manchester, in the county of Lancaster, Machine Maker, and John Corrigan, of the same place, Mechanic, for the invention of "improvements in machinery for winding two or more yarns or threads of cotton and other fibrous materials on to one bobbin or spool preparatory to doubling the same."
2204. To John Evershed, of Shere, in the county of Surrey, Tanner, for the invention of "improvements in tanning hides and in apparatus to be used for this purpose."
2205. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improved feed water heating apparatus for steam boilers."—A communication to him from abroad by Hector de Bardel, of Paris, France.
- On their several petitions, all recorded in the Office of the Commissioners on the 24th day of June, 1873.
2206. To John Stewart, of Glasgow, in the county of Lanark, North Britain, Manufacturer, for the invention of "a new or improved mode and means of constructing buoys or apparatus for floating bodies in deep water, and thus saving life and property."
2208. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, for the invention of "improvements in picker motion."—A communication to him from abroad by Thomas Campbell Morton, of Waterbury, in the county of New Haven, in the State of Connecticut, United States of America.
2214. To Owen Charles Dalhousie Ross, of Craven-street, Strand, in the county of Middlesex, M.I.C.E., for the invention of "improvements in the production of vaporized air for heating purposes generally, and in means for regulating and controlling the admixture of vaporized and other air when employed for such purposes."

2216. And to Edward Mapplebeck, of the Clyde Tube Works, Abberley-street, Birmingham, for the invention of "improvements in the manufacture of copper tubes, and of copper ended brass tubes."

On their several petitions, all recorded in the Office of the Commissioners on the 25th day of June, 1873.

PATENTS WHICH HAVE BECOME VOID.

A 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 Vict., c. 5, sec. 2, for the week ending the 28th day of June, 1873.

1772. Isaac Bates, of Dukinfield, in the county of Chester, Manager, and John Taylor, of the same place, Engineer, for an invention of "improvements in the bridges of the furnaces of steam boilers or generators, or of other furnaces."—Dated 22nd June, 1870.
1773. Samuel Neville, of the Ellison Glass Works, Gateshead, in the county of Durham, for an invention of "a new or improved manufacture of plates of glass."—Dated 22nd June, 1870.
1775. Ludwig Hamel, of the city of Manchester, in the county of Lancaster, Calico Printer, for an invention of "improvements in the mode of producing certain colors on cotton, linen, and other textile fabrics."—Dated 22nd June, 1870.
1776. William John Cunningham, of the firm of Messrs. Cunningham and Co., of 480, New Oxford-street, in the county of Middlesex, Engineers, and Alphonso Dabb, of the same place, Engineer, for an invention of "improvements in means and apparatus for cutting type and carving, moulding, and ornamenting wood, metal, stone, and other materials."—Dated 22nd June, 1870.
1779. Thomas Graham, of Green Mount-street, Beeston Hill, Leeds, in the county of York, Mechanical Engineer, and Thomas Dixon, of Leek-terrace, Hunslet, near Leeds aforesaid, Blacksmith, for an invention of "improvements in rotary engines."—Dated 22nd June, 1870.
1783. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "an improved mode or process for obtaining glycerine from soap-makers' spent lyes."—Communicated to him from abroad by Benjamin Talbot Babbitt, of the city and State of New York, United States of America.—Dated 22nd June, 1870.
1785. Thomas Richmond, of Burnley, in the county of Lancaster, and Christopher Catlow, of the same place, for an invention of "certain improvements in the preparation of 'cops' and 'healds' employed in the manufacture of woven fabrics."—Dated 23rd June, 1870.
1787. Henry Pooley, of Liverpool, in the county of Lancaster, Weighing Machine Manufacturer, and Thomas Roberts, also of Liverpool aforesaid, Ironfounder, for an invention of "an improved automatic machine for weighing and registering grain and other substances."—Dated 23rd June, 1870.
1788. Alexander Walker, of the city and county of Edinburgh, North Britain, Glass Merchant, for an invention of "improvements in window sashes and parts connected therewith."—Dated 23rd June, 1870.