

2127. To Benjamin Joseph Barnard Mills, of the firm of Harris and Mills, of 35, Southampton-buildings, in the county of Middlesex, Patent Agent, for the invention of "improvements in cars or carriages for railways."—A communication to him from abroad by Theodore Ruggles Timby, of Tarrytown, in the county of Westchester and State of New York, United States of America, Engineer.
2128. To Frank Joseph Noble, of Gateshead-on-Tyne, in the county of Durham, Consulting Engineer, for the invention of "improvements in ratchet-braces."
2129. To Edward Beanes, of Dulwich, in the county of Surrey, Gentleman, for the invention of "improvements in brewing and treating fermented liquors."
2130. To James Whitley Stead, of Manchester, in the county of Lancaster, for the invention of "improvements in the construction of steelyards for weighing machines."
2131. To Thomas Culpin, of No. 77, Upper Thames-street, in the city of London, for the invention of "improvements in reaping and mowing machines."
2134. And to Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improved apparatus for coupling railway carriages and wagons."—A communication to him from abroad by Louis Joseph Désiré Lemerre and Louis Florimond Vu, both of Paris, France.
- On their several petitions, recorded in the Office of the Commissioners on the 17th day of June, 1873.
2136. To Charles James Coxhead, of 22, Saint George's-terrace, Kilburn, in the county of Middlesex, Pianoforte Manufacturer, for the invention of "improvements in and applicable to the damper action in pianofortes."
2137. To George Fowler, of Basford Hall, in the county of Nottingham, for the invention of "improvements in apparatus for facilitating the charging and discharging of tubs or corves on to and off the cages of lifts."
2140. To Thomas Davison, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in or connected with spring safety valves."
2141. To William Firth, of Rose Villa, Viewforth, Edinburgh, for the invention of "improvements connected with india rubber springs for use as draw springs, buffer springs, and bearing springs, and also as segments or sections of elastic tyres for carriage wheels and similar uses."
2142. To Edward Evans, of Seacombe, in the county of Chester, for the invention of "an improved portable apparatus for heating water and other liquids, applicable for baths and other purposes."
2143. To James Norris, of Wood Green, in the county of Middlesex, for the invention of "an improved apparatus for measuring and registering corn, seeds, and grain."
2144. To Edward Tuck, of Bath, in the county of Somerset, Horticultural Engineer and Metal Worker, for the invention of "improvements in conservatories, greenhouses, and other glazed structures."
2145. And to Ralph Hart Tweddell, of 10, Bury-street, Engineer, Edward Wilson, and George Henry Ashbee, Civil Engineers, of Dean's-yard, Westminster, and James Platt, of Gloucester, Engineer, for the invention of "improved

means of facilitating the rivetting of girders and other structures."

On their several petitions, recorded in the Office of the Commissioners on the 18th day of June, 1873.

2148. To William Ross, of Wilkhaven, Tarbat, in the county of Ross, North Britain, Farmer, for the invention of "improvements in apparatus for clipping, bottoming, and gathering turnips."
2150. To James Noah Paxman, of the firm of Davey, Paxman, and Company, of Colchester, in the county of Essex, for the invention of "an improved feed water heater."
2152. To Hugh Lewis McAvoy, of Baltimore, Maryland, United States of America, for the invention of "improvements in apparatus for carbureting air for illuminating or heating purposes."
2154. And to Joseph Barrow, of the city of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in machinery for slotting and planing metals."
- On their several petitions, recorded in the Office of the Commissioners on the 19th 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 21st day of June, 1873.

1710. François Dupuy, of Bayonne, and of No. 37, Boulevard Bonne Nouvelle, Paris, in the Empire of France, for an invention of "an improved anti-hemorrhoidal apparatus or anti-hemorrhoidal-plate."—Dated 15th June, 1870.
1711. Charles Hayward Perman, of Birmingham, in the county of Warwick, Manufacturer, for an invention of "improvements in coal vases."—Dated 15th June, 1870.
1714. Michael Jacob, of Maida Hill, in the county of Middlesex, for an invention of "improvements in the means or apparatus employed for retaining the windows of railway or other carriages or other windows, when raised or lowered in any desired position."—Dated 15th June, 1870.
1715. Robert Miller, of Gartcosh, in the county of Lanark, North Britain, for an invention of "improvements in the manufacture of clay or earthenware pipes, and in the mechanism employed therefor."—Dated 15th June, 1870.
1716. John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for an invention of "improvements in the treatment and in the employment of certain animal substances to be used as fertilizing agents."—Communicated to him from abroad by Dirk Adrean Ter Hoeven, of Philadelphia, Pennsylvania, United States of America.—Dated 15th June, 1870.
1720. Howard Busby Fox, of Oxton, in the county of Chester, for an invention of "improvements in venetian blinds for windows and other like purposes."—Dated 16th June, 1870.
1724. William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for an invention of "improvements in steel washers, and in apparatus employed for forming the same."—Communicated to him from abroad by William Butcher, of Philadelphia, Pennsylvania, and George