

1170. James Ball Mannix, of Limerick, Ireland, for an invention of "improvements in the permanent way of railways."—Communicated to him from abroad by Robert Mudge Marchant, James Richard Davies, and John Allman Marchant, all of Wellington, New Zealand.—Dated 22nd April, 1867.
1171. Charles Townsend Hook and Eustace Hook, both of Snodland, in the county of Kent, Paper Makers, for an invention of "improvements in the manufacture of paper, and of the chemical matters employed therein."—The same is the result partly of a communication made to them from abroad by Ernest Pinchon, of Bacqueville, France, and partly of invention or discovery made by themselves.—Dated 22nd April, 1867.
1172. The Reverend Arthur Rigg, of the city of Chester, Clerk in Holy Orders, Master of Arts, for an invention of "improvements in apparatus for grinding corn, grain, and other similar substances."—Dated 23rd April, 1867.
1177. William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for an invention of "an improved feeder or hopper for centrifugal sugar machines."—Communicated to him from abroad by Helem Merrill, of the city, county, and State of New York, United States of America.—Dated 23rd April, 1867.
1178. William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for an invention of "an improved mode of and apparatus for removing the contents of centrifugal sugar machines."—Communicated to him from abroad by Helem Merrill, of the city, county, and State of New York, United States of America.—Dated 23rd April, 1867.
1179. William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for an invention of "an improved mode of and apparatus for sprinkling or diffusing liquids for refining sugar, and other purposes."—Communicated to him from abroad by Helem Merrill, of the city, county, and State of New York, United States of America.—Dated 23rd April, 1867.
1180. Samuel Joseph Mackie, of St. Peter's-terrace, Kensington-park-road, Bayswater, in the county of Middlesex, for an invention of "improvements in apparatus for burning petroleum and other combustible fluids."—Dated 23rd April, 1867.
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- A**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 from the date of such Patents, pursuant to the Act of the 16th Vict., c. 5, sec. 2 for the week, ending the 23rd day of April, 1870.
966. John Goucher, of Worksop, in the county Nottingham, Ironfounder, Engineer and Machinist, for an invention of "improvements in steam boilers, and in regulating the admission of air into the furnaces of steam boilers."—Dated 17th April, 1863.
967. Robert Calvert Clapham, of Walker, in the county of Northumberland, Analytical Chemist, for an invention of "treating the waste liquors from bleaching powder stills, in order to obtain hydrochlorine acid and other products therefrom."—Dated 17th April, 1863.
970. Cornelius Turner, of Airedale, Felt Mills, Hunslet, in the parish of Leeds, in the county of York, for an invention of "improvements in the manufacture of felted fabrics."—Dated 17th April, 1863.
974. Thomas Aldridge Weston, of Birmingham, in the county of Warwick, Mechanical Engineer, for an invention of "improvements in ratchet levers."—Dated 18th April, 1863.
978. Philip George Rowell, of 17, Castle-square, Brighton, Sussex, and Henry Holt, of 14, Red Cross-street, Brighton, Sussex, for an invention of "a better and more economical mode of securing the bands of locomotive engine and tender springs, also a new method of applying the same."—Dated 20th April, 1863.
985. Alfred Ford, of Stewart's-buildings, Battersea-fields, in the county of Surrey, Gentleman, and Richard Rigg, of No. 3, Great Winchester-street, in the city of London, Gentleman, for an invention of "an improved method of reforming and reusing old or waste vulcanized india rubber."—Dated 21st April, 1863.
992. Hudson Yeadon, Edwin Yeadon, and Samuel Yeadon, all of Stockport, in the county of Chester, and John Yeadon, of Leeds, in the county of York, Reedmakers, for an invention of "improved healds for weaving."—Dated 21st April, 1863.
993. Hugh Donald, of the firm of Craig and Donald, of Johnstone, in the county of Renfrew, Noth Britain, Engineer, for an invention of "improvements in machinery or apparatus for bending or straightening metal plates."—Dated 21st April, 1863.
994. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "improvements in wrenches."—Communicated to him from abroad by Louis Schwartzkopff, of Berlin, in the Kingdom of Prussia.—Dated 21st April, 1863.
1000. François Durand, of Paris, France, Mechanical Engineer, for an invention of "improvements in moulding articles of China or other clay, or of other plastic materials."—Dated 22nd April, 1863.
1006. Gill Bridges Barber, of Park-street Boiler Works, Red Bank, in the city of Manchester, and No. 60, Stocks-street, Cheetham-hill, Manchester, in the county of Lancaster, Boiler Maker, for an invention of "improvements in steam boilers and apparatus connected therewith."—Dated 22nd April, 1863.
1007. John William Proffitt, Land Agent and Surveyor, of Park-road, Peckham, in the county of Surrey, and William Lundi Duncan, Gentleman, of 218, Pembroke-cottages, Caledonian-road, in the county of Middlesex, for an invention of "an improved mode and apparatus for distributing sand, or any other suitable substance or substances, on the rails of railways and tramways."—Dated 23rd April, 1863.
1013. Peter McGregor, of the city of Manchester, Machine Maker, for an invention of "improvements in machinery for spinning and doubling."—Dated 23rd April, 1863.
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