

1170. Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Rue de la Chaussée d'Antin, Paris, France, and 6, Piccadilly, in the county of Middlesex, Patent Agent, for an invention of "certain improvements in brakes and coupling for railroad cars."—The said invention is a communication from Henry Emil Marchand, a person resident at Pittsburgh, county of Alleghany, State of Pennsylvania, United States of America, Engineer.—Dated 4th April, 1874.
1171. Thomas Short, of Glasgow, in the county of Lanark, North Britain, Portioner, for an invention of "improvements in apparatus for purifying sewage."—Dated 4th April, 1874.
1172. George Bourne, of Birmingham, in the county of Warwick, Tube Manufacturer, for an invention of "improved machinery for making metal tubes."—Dated 4th April, 1874.
1176. Edward Pearson, of No. 745, Old Kent-road, in the county of Surrey, Carpenter, for an invention of "improvements in taps, cocks, or valves for adjusting or regulating the flow of liquids and gaseous fluids."—Dated 4th April, 1874.
1177. Robert Ballingal, of Eallabus House, Islay, North Britain, for an invention of "a new or improved instrument for measuring and registering the force or pressure of the wind."—Dated 4th April, 1874.
1180. Aaron Mosley, of Southey-street, in the town and county of the town of Nottingham, Mechanic, for an invention of "improved arrangement and combination of appliances connected with lace machines."—Dated 4th April, 1874.
1181. George Warsop and Henry Walker Hill, both of Deering-street, Nottingham, Engineers, for an invention of "improvements in rock drill apparatus, applicable also to apparatus for dressing stone, driving piles, rivetting, and such like."—Dated 4th April, 1874.
1182. Joseph Betts Bradshaw, of Clough Hill House, Rotherham, in the county of York, for an invention of "improvements in hoops for securing bales."—Dated 4th April, 1874.
1184. Charles Walter Vosper, of Stoke Devonport, in the county of Devon, Agent, for an invention of "improvements in sewing machines."—Dated 4th April, 1874.
1187. Archibald Turner, of Leicester, in the county of Leicester, Elastic Web Manufacturer, for an invention of "improvements in the mode of and apparatus for the manufacture of elastic and non-elastic fabrics and fringes."—Dated 4th April, 1874.
1189. John Pattison, of Naples, Italy, Engineer, for an invention of "improvements in automatic hydraulic apparatus for working pumps and compressing air."—Dated 4th April, 1874.
1193. William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for an invention of "an improved apparatus or boiler with lateral receivers for heating all kinds of liquids by continuous circulation, and which may be used as a washing machine."—From abroad by Octave Marie Fabas, Juge de Paix, Tarbes, Hautes Pyrénées, France.—Dated 4th April, 1874.
1194. William Heginbothom, of Chorley, in the county of Lancaster, Fitter, for an invention of "improved door fastener specially applicable to railway wagons."—Dated 6th April, 1874.
1198. Fred Broughton, of Hanover House, Hanover-cottages, Regent's Park, and Robert Stephens, of 18, Green-street, Paddington Green, both in the county of Middlesex, for an invention of "a new or improved continuous action steam break."—Dated 6th April, 1874.
1202. William Frederick Bateman, of Low Moor, in the county of York, Card Maker, for an invention of "improvements in the method of and apparatus for making spaces in condenser doffers."—Dated 7th April, 1874.
1203. David Morris, or Monifeth, in the county of Forfar, North Britain, for an invention of "improvements in the preservation of potatoes, and in the apparatus connected therewith."—Dated 7th April, 1874.
1208. George Kearsley, of Ripon, in the county of York, Agricultural Engineer, for an invention of "improvements in or connected with reaping and mowing machines."—Dated 7th April, 1874.
1212. Hiram Washington Hayden, of Waterbury, in the State of Connecticut, United States of America, for an invention of "improvements in machinery for rolling metal tubes or rods."—Dated 7th April, 1874.

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 7th day of April, 1877.

955. Frederic Arthur Harrison, of Birmingham, in the county of Warwick, Jeweller, and Charles Priestland, also of Birmingham aforesaid, Manager of Works, for an invention of "certain improvements in metallic adjusters, applicable for adjusting braces, garters, and other articles of dress, and which said improvements are also applicable for suspending curtains or other drapery."—Dated 1st April, 1870.

960. Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for an invention of "an improvement in sewing machines."—Communicated to him from abroad by Nathaniel Wheeler, of the city and State of New York, United States of America.—Dated 1st April, 1870.

966. Henry Jackson, of Park-square, Leeds, in the county of York, Consulting Engineer, for an invention of "improvements in apparatus for drying grain, malt, roots, spent malt or hops, megass or spent sugar cane, wool, and other substances."—Dated 2nd April, 1870.

967. Henry Jackson, of Park-square, Leeds, in the county of York, Consulting Engineer, for an invention of "improvements in mills for crushing and grinding."—Partly communicated to him from abroad by Charles Ross and John Ross, both of New York, in the United States of America and is partly his own invention.—Dated 2nd April, 1870.

968. Alexander Barlow and John Taylor, both of Bury, in the county of Lancaster, for an invention of "improvements in machinery or apparatus to be employed in preparing cotton or other fibrous substances for spinning."—Dated 2nd April, 1870.

970. Israel Summersfield and John Glasgow Sanderson, both of Manchester, in the county of Lancaster, for an invention of "an improved pressing machine for the use of tailors and others."—Dated 2nd April, 1870.

976. Joseph Shackleton, of Bradford, in the county of York, Engineer and Machinist, for an invention of "improvements in utilizing exhaust steam."—Dated 2nd April, 1870.