

3025. John Elce, of Manchester, in the county of Lancaster, Machine Maker, and Henry Birkby Arundel, of the same place, Manager, for an invention of "improvements in machinery for preparing cotton and other fibrous substances."—Dated 14th October, 1872.
3027. John Sutcliffe, Cotton Warp Manufacturer, West End Mill, Bradford, in the county of York, and David Parker, of the same place, Manager, for an invention of "improvements in warping and sizing cotton or any other yarn and in apparatus connected therewith."—Dated 14th October, 1872.
3028. Henry Young Darracott Scott, of Ealing, in the county of Middlesex, Major-General, C.B., for an invention of "improvements in apparatus for the treatment of sewage."—Dated 14th October, 1872.
3030. Daniel Pidgeon and William Manwaring, both of the Britannia Iron Works, Banbury, in the county of Oxford, Engineers, for an invention of "improvements in reaping machines."—Dated 15th October, 1872.
3032. James Hargreaves, of Widnes, in the county of Lancaster, Chemist, and Thomas Robinson, of the same place, Ironfounder, for an invention of "improvements in treating sulphides and in obtaining products therefrom."—Dated 15th October, 1872.
3033. Edmund Alfred Pontifex and John Barton, Engineers, both of the Farringdon Works, Shoe-lane, in the city of London, for an invention of "improvements in water waste preventors."—Dated 15th October, 1872.
3034. Jean Joseph Baranowski, Constructor of Machinery, and John Skwarcow, Civil Engineer, both of 13, Rue Gaillon, Paris, for an invention of "a new machine for fixing and compressing capsules on bottles and like vessels."—Dated 15th October, 1872.
3035. Adam Carlisle Bamlett, of Thirsk, in the county of York, Agricultural Engineer, for an invention of "improvements in reaping and mowing machines."—Dated 15th October, 1872.
3036. Robert Taylor and Mark Duckers, both of Whitefield, in the county of Lancaster, for an invention of "improvements in the construction of looms for weaving checks and other similar fabrics."—Dated 15th October, 1872.
3038. Frederick George Underhay, of Crawford-passage, Clerkenwell, in the county of Middlesex, for an invention of "improvements in water waste preventors."—Dated 15th October, 1872.
3041. James Steel, of Glasgow, in the county of Lanark, North Britain, Brewer, for an invention of "improvements in cooling liquids, and in the machinery or apparatus employed therefor."—Dated 15th October, 1872.
3042. James Sims and Charles Holmes, both of 214, Great Portland-street, Regent's Park, in the county of Middlesex, Gas Engineers, for an invention of "a new or improved process for heating conservatories, places of worship, public buildings, and other structures and places, and apparatus for such purposes."—Dated 15th October, 1872.
3047. James Mackay, of the city of Glasgow, in the county of Lanark, North Britain, Book-binder, for an invention of "improvements in machinery or apparatus for ruling paper."—Dated 16th October, 1872.
3050. Edmund Walker, of the firm of Emerson, Walker, and Company, of London-street, in the city of London, Windlass Manufacturers, and William Clarke, of Gateshead-on-Tyne, in the county of Durham, Engineer, for an invention of "improvements in apparatus or appliances for retarding and stopping the travel of wire and other ropes and chains, and in apparatus for lifting purposes."—Dated 16th October, 1872.
3051. William Armand Gilbee, of the firm of L. de Fontainemoreau & Co., Patent Agents, 4, South-street, Finsbury, in the county of Middlesex, for an invention of "improvements in harmoniums and other similar free reed instruments."—Communicated to him from abroad by Maria Procopé, of Stockholm, in the Kingdom of Sweden.—Dated 16th October, 1872.
3053. Newton Wilson, Engineer and Manufacturer of Sewing Machines, of 144, High Holborn, in the county of Middlesex, for an invention of "improvements in sewing machines."—Dated 16th October, 1872.
3057. James John Shedlock, of 1, Ellenboro'-road, Upper Holloway, in the county of Middlesex, Engineer, for an invention of "improvements in apparatus for the treatment of hydrocarbon gases and vapours for illuminating and heating purposes."—Dated 16th October, 1872.
3058. James Forster Shedlock, of 27, Harrow-road, Paddington-green, in the county of Middlesex, for an invention of "an improved rymer and counter-bore or pin-drill."—Communicated to him from abroad by Alfred Shedlock, of New York, in the United States of America.—Dated 16th October, 1872.

**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 16th day of October, 1875.

3110. George Petrie Grant, of No. 8, Knight's-place, Wandsworth-road, in the county of Surrey, for an invention of "improvements in bung bushes for casks and similar vessels, and apparatus for fixing same."—Dated 10th October, 1868.
3111. Frederic Barnett, of 164, Rue de Rivoli, Paris, in the Empire of France, for an invention of "an improved system of paving, by the employment of natural or artificial bitumen combined with iron ore, and for an improved process of manufacturing the artificial bitumen."—Dated 10th October, 1868.
3113. Robert Tod, of the firm of Alexander and Robert Tod, of Leith, in the county of Mid Lothian, and of Glasgow, in the county of Lanark, North Britain, Millers, for an invention of "improvements in apparatus for separating and cleaning sharps or middlings, groats of wheat, and other partially ground grain."—Communicated to him from abroad by Von Eschelivies, residing at Lestorf, in Austria.—Dated 10th October, 1868.
3124. Sigismund Leoni, of 34, Saint Paul-street, New North-road, in the county of Middlesex, Manufacturer, for an invention of "improvements in heating and cooking apparatus."—Dated 12th October, 1868.
3131. François Alexandre Le Mat, of New Orleans, in the State of Louisiana, in the United States of America, Colonel, for an invention of "improvements in the construction of revolving and repeating fire arms."—Dated 13th October, 1868.