

- field, in the county of Clark, and State of Ohio, United States of America.—Dated 8th August, 1866.
2043. Peter Spence, of Newton Heath, in the county of Lancaster, Manufacturing Chemist, for an invention of "improvements in the production of sal ammoniac in a commercial form."—Dated 8th August, 1866.
2048. George Bell Harkes, of Eden-place, Lavender-road, Battersea, in the county of Surrey, Engineer, for an invention of "improvements in the construction of rotary steam engines."—Dated 9th August, 1866.
2052. 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 telegraphic cable."—Communicated to him from abroad by Alexander John Baptist De Morat, of Philadelphia, Pennsylvania, United States of America.—Dated 9th August, 1866.
2054. William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for an invention of "improvements in musical instruments and notation." Communicated to him from abroad by Carl Frederick Zimmermann and John H. Harjes, both of Philadelphia, in the State of Pennsylvania, United States of America.—Dated 9th August, 1866.
2055. John Clay, of Yardley, in the county of Worcester, Saddler, for an invention of "improvements in saddles."—Dated 9th August, 1866.
2056. Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for an invention of "improvements in machinery for manufacturing envelopes, partly also applicable to other purposes."—Communicated to him from abroad by Edwin Allen and John Turner, both of Norwich, in the State of Connecticut, United States of America.—Dated 9th August, 1866.
2058. Lewis Edward Williams, of Peckskill, Westchester County, State of New York, one of the United States of America, at present residing in Halifax, in the county of York, England, for an invention of "improvements in explosive shells."—Dated 10th August, 1866.
2064. John Edwin Keirby, of Parker-street Mill, Manchester, in the county of Lancaster, India Rubber Merchant, for an invention of "improvements in packing for steam, water, air, and gas tight joints."—Dated 11th August, 1866.
2065. Henry Griffith Craig, of Youghal, in the county of Cork, in Ireland, for an invention of "an improved needle gun."—Dated 11th August, 1866.
2066. William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for an invention of "improvements in the utilization of chloride of manganese (residue of the manufacture of chlorine) in the manufacture of peroxide of manganese, chlorine, and hydrochloric acid, and in apparatus for the same."—Communicated to him from abroad by Eugène Alphonse Cotelte, Distiller, of 29, Boulevard St. Martin, Paris.—Dated 11th August, 1866.
2070. Robert Leigh, of the Douglas Forge, Wigan, in the county of Lancaster, for an invention of "a new or improved direct acting lift or tilt hammer."—Dated 13th August, 1866.
2071. Henry Bell, of Belfast, in the county of Antrim, in Ireland, Gentleman, for an invention of "improvements in violins, violas, violoncellos, and guitars."—Dated 13th August, 1866.
2072. Désiré Marchal, of Brussels, in the Kingdom of Belgium, Civil Engineer, for an invention of "improvements in the combustion and prevention of smoke, and in increasing the heating power of fuel."—Dated 13th August, 1866.
2073. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "improvements in breech-loading firearms."—Communicated to him from abroad by Alexander James Bergen, of Brooklyn, in the State of New York, United States of America.—Dated 13th August, 1866.
2074. Edward Whalley, of Blackburn, in the county of Lancaster, Operative Cotton Spinner, for an invention of "improved machinery to be employed in the manufacture of banding or twine from cotton, worsted, linen, or silk cop bottoms, which machinery is also applicable to the manufacture of banding or twine from thread prepared for that purpose."—Dated 13th August, 1866.
2075. Henry Sanderson, of the firm of William Sanderson and Sons, of Sheffield, in the county of York, Table Knife Manufacturer, for an invention of "improvements in the manufacture of knives and forks."—Dated 13th August, 1866.
2078. Robert Wilson, of Patricroft, near the city of Manchester, Engineer, and William Martin, junior, of Dundee, North Britain, Calenderer, for an invention of "certain improvements in the construction and mode of working calenders and mangles used in finishing textile fabrics."—Dated 14th August, 1866.
2079. Richard Bagley, of Birmingham, in the county of Warwick, Machinist, for an invention of "an improved screw stock."—Dated 14th August, 1866.
2080. William Edward Gedge, of the firm of John Gedge and Son, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for an invention of "an improved horse shoe."—Communicated to him from abroad by Charles Jean Baptiste Feillard, of 39, Faubourg St. Martin, Paris, France.—Dated 14th August, 1866.

**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 14th day of August, 1869.

2221. Francis Montgomery Jennings, Merchant, of the city of Cork, Ireland, for an invention of "a composition for coating ships' bottoms to prevent fouling."—Dated 8th August 1862.
2226. Edward Humphrys, of Deptford, in the county of Kent, Engineer, for an invention of "improvements in steam engines."—Dated 8th August, 1862.
2244. James Lancelott, of Birmingham, in the county of Warwick, Jeweller, for an invention of "improvements in the manufacture of ornamental chains from sheet metal."—Dated 11th August, 1862.
2247. John Combe, of Leeds, Engineer, and John Henry Smalpage, also of Leeds, Woollen Draper and Tailor, for an invention of "improvements in the action and arrangement of machines for winding cops, and in apparatus