

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 Vic., c. 5, sec. 2, for the week ending the 16th day of October, 1875.

2976. William Durie Fisher, of the city of Glasgow, in the county of Lanark, North Britain, Engineer, for an invention of "improvements in apparatus for and connected with the manufacture and use of illuminating gas, parts of which are applicable to other purposes."—Dated 10th October, 1872.

2982. James Hargreaves, of Widnes, in the county of Lancaster, Chemist, and Thomas Robinson, of the same place, Ironfounder, for an invention of "improvements in the manufacture of alkalies and in apparatus employed therein."—Dated 10th October, 1872.

2983. Robert Gastineau, of Barnsbury-road, in the county of Middlesex, Civil Engineer, for an invention of "improvements in railway switches."—Dated 10th October, 1872.

2984. John Edwards, of Cassland-crescent, South Hackney, in the county of Middlesex, for an invention of "improvements in signal alarms for railway trains."—Dated 10th October, 1872.

2990. Richard Bagley, of Birmingham, in the county of Warwick, Machinist, for an invention of "improvements in holders or galleries for the shades or globes and chimneys of gas and other lamps, which improvements are also applicable to candle handles."—Dated 10th October, 1872.

2991. William Astrop, of 27, Oriel-road, Homerton, in the county of Middlesex, Paper Maker, for an invention of "improved means and apparatus for drying sewage and other like substances."—Dated 10th October, 1872.

2993. Richard Castle Toner Baylis, of Denmark-row, Camberwell, in the county of Surrey, for an invention of "improvements in cutting boards and patterns employed for shaping various articles."—Dated 10th October, 1872.

2994. George Haseltine, of the "International Patent Office," Southampton-buildings, London, Doctor of Laws, for an invention of "improvements in machines for sewing books, pamphlets, or sheets of paper."—Communicated to him from abroad by Deborah Shedd, of the city and State of New York, United States of America.—Dated 10th October, 1872.

2995. James Hill Dickson, of Harefield, in the county of Middlesex, Engineer, for an invention of "an improved process of and machinery for treating or preparing fibre yielding plants for the purpose of obtaining useful fibres therefrom."—Dated 10th October, 1872.

2996. John Robert Samuel Hayward, of Shirehampton, in the county of Gloucester, Surgeon, M.R.C.S.E. and L.A.C.L., for an invention of "improvements in the application of electricity to the cure of certain bodily ailments and in apparatus for the same."—Dated 10th October, 1872.

2997. John William Perkins, of Arlington Lodge, Herne Hill-road, Brixton, in the county of Surrey, for an invention of "the manufacture of artificial fuel."—Dated 11th October, 1872.

2999. James Clarkson Kay, of the Phoenix Foundry, Bury, in the county of Lancaster, Engineer, and William Hartley, of the same place, Engineer, for an invention of "improvements in compound high pressure and con-

densing or noncondensing steam engines."—Dated 11th October, 1872.

3002. William Charles Mann, Hat Manufacturer, of New Wortley, near Leeds, and George Redihalg, Hat and Cap Manufacturer, of Trinity-street, Leeds, in the county of York, for an invention of "improvements in the manufacture of hats, and in the machinery or apparatus employed therein."—Dated 11th October, 1872.

3009. Peter Ritchie, of the firm of Peter Ritchie and Company, Cap Manufacturers, and Alexander Wyllie, Clerk to the said firm, both of Kilmarnock, in the county of Ayr, North Britain, for an invention of "improvements in blocking and shaping glengarry bonnets and other Scotch bonnets and caps, and in machinery or mechanism to be employed therefor."—Dated 12th October, 1872.

3011. William Ormsby Pooley, of the firm of Charles Pooley, of Manchester, in the county of Lancaster, Cotton Spinner, and John McDine, of the same place, Overlooker, for an invention of "improvements in machinery for cleaning and preparing cotton and other fibrous substances."—Dated 12th October, 1872.

3013. Thomas Archer, junior, of the Dunston Engine Works, near Gateshead-on-Tyne, in the county of Durham, Engineer, for an invention of "improvements in the manufacture of pulleys for traction and other purposes."—Dated 12th October, 1872.

3014. Samuel Henry Johnson, F.C.S., of Lea Bank Works, Stratford, in the county of Essex, Chemist, for an invention of "improvements in the method of and apparatus for separating the soluble constituents of substances from the insoluble constituents."—Dated 12th October, 1872.

3015. Henry Chancellor, of Birmingham, in the county of Warwick, Machinist, for an invention of "improvements in machinery for the manufacture of hinges and other jointed metallic articles, and for other like purposes."—Dated 12th October, 1872.

3016. Edward Orange Wildman Whitehouse, of Roslyn Hill House, Hampstead, in the county of Middlesex, Associate of the Institution of Civil Engineers and Telegraph Engineer, and Samuel Elkens Phillips, of Homerton, in the said county, Telegraph Engineer, for an invention of "improvements in recording apparatus specially applicable for the verification of fares in public vehicles."—Dated 12th October, 1872.

3019. Edward Barker Gowland, of 17, Hawley-road, Kentish Town, in the county of Middlesex, for an invention of "improvements in pianofortes."—Dated 14th October, 1872.

3020. James Osborn Spong, of No. 28, King William-street, Strand, in the county of Middlesex, for an invention of "improved apparatus for producing changes in representation adapted to advertising and other uses."—Dated 14th October, 1872.

3021. William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for an invention of "certain improvements applied to boots and shoes."—Communicated to him from abroad by Pierre Auguste Vigneau, of No. 64, Faubourg St. Martin, Paris, France.—Dated 14th October, 1872.

3022. Samuel Corbett, of Wellington, in the county of Salop, Agricultural Implement Manufacturer, for an invention of "improvements in ploughs."—Dated 14th October, 1872.