

3616. To Frederick George, of Birch Lodge, near Ross, in the county of Hereford, for the invention of "improvements in railway points or switches."
3618. To Henry Duncan Preston Cunningham, of Bury House, Alverstoke, Hants, for the invention of "improvements in means and appliances for working ships yards."
3620. To John Muir Hetherington, of Manchester, in the county of Lancaster, Machine Maker, and John Oldfield, of the same place, Foreman Mechanic, for the invention of "improvements in mules for spinning and doubling cotton and other fibrous materials."
3622. And to John William Melling, of Birkett Bank, Wigan, in the county of Lancaster, Engineer, for the invention of "improvements in safety and relief valves."
- On their several petitions, recorded in the Office of the Commissioners on the 6th day of November, 1873.

Erratum in Gazette of Tuesday, November 11, 1873.

2264. For "Aldridge," read "Alldridge."

#### 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 Vict., c. 5, sec. 2, for the week ending the 8th day of November, 1873.

2884. Otto Trossin, of 4, Museum-street, London; Citizen of Prussia, for an invention of "a new mode or apparatus for obtaining and applying motive power."—Dated 2nd November, 1870.
2885. George Hatton, of Southport, in the county of Lancaster, for an invention of "improvements in the mechanism used for working Venetian blinds and articles of such like character."—Dated 2nd November, 1870.
2886. John Nathaniel Lessware, of Bow-road, in the county of Middlesex, Coppersmith and Engineer, for an invention of "improvements in centrifugal drying machines or hydro-extractors."—Dated 2nd November, 1870.
2888. Robert John Hilton, of Belfast, in the county of Antrim, in Ireland, Tobacco Manufacturer, for an invention of "improvements in machinery for manufacturing tobacco."—Dated 2nd November, 1870.
2889. William Henderson, of 97, Buchanan-street, in the city of Glasgow and county of Lanark, for an invention of "improvements in treating cast iron, so as to improve and secure uniformity of quality."—Dated 2nd November, 1870.
2890. Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for an invention of "improvements in apparatus for producing and applying motive power."—Communicated to him from abroad by John Madison Cayce, Wiley Blount Barfield, and James McEwen, all of Franklin, Williamson County, State of Tennessee, United States of America.—Dated 2nd November, 1870.
2892. Uriah King Mayo, of the State of Massachusetts, of the United States of America, for an invention of "improvements in the preparation of artificial teeth, and in the manufacture of mouth plates or supports therefor."—Communicated to him by Josephus Brockway, of the State of New York, of the United States of America.—Dated 2nd November, 1870.
2894. Richard Bewley, junior, of Uttoxeter, and Isaac Cotton, of Longton, both in the county of Stafford, for an invention of "improvements in machinery for grinding, particularly applicable for grinding gold and other expensive colors used by potters and others."—Dated 3rd November, 1870.
2899. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "improved machinery for pointing nails."—Communicated to him from abroad by Lawrence Barnes, of Burlington, in the State of Vermont, United States of America.—Dated 3rd November, 1870.
2901. Henry Armitage, of Heckmondwike, in the county of York, Carpet Manufacturer, for an invention of "improvements in the manufacture of padded quilts and other articles."—Dated 3rd November, 1870.
2903. Joseph Breeden, of the firm of J. and W. Breeden and Booth, of Birmingham, in the county of Warwick, Manufacturers, for an invention of "improvements in self closing taps or valves."—Dated 3rd November, 1870.
2904. Samuel Oram, of No. 4, Kempson-road, Walham Green, in the county of Middlesex, S.W., for an invention of "improvements in machinery and apparatus for tilling land by steam, and for other purposes."—Dated 3rd November, 1870.
2905. William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for an invention of "improvements in pneumatic telegraphs."—Communicated to him from abroad by Edward Augustine Calahan, of Brooklyn, and George Baker Field, of the city of New York, both in the State of New York, United States of America.—Dated 3rd November, 1870.
2906. Thomas Arthur Dillon, of the city of Dublin, Ireland, for an invention of "improved methods of and apparatus for utilising the waste and spare or live steam, waste and spare heat, and waste and spare momentum of locomotive and other steam engines."—Dated 3rd November, 1870.
2910. Thomas Richardson, John William Richardson, and Adam Spencer, all of West Hartlepool, in the county of Durham, Ironmasters, for an invention of "improvements in the manufacture of rails."—Dated 4th November, 1870.
2915. John Somerville, of Dublin, Gas Engineer, for an invention of "improvements in pipes, and in the means of connecting them together."—Dated 4th November, 1870.
2918. Charles William Meiter and Thomas William Smith, both of 85, Gracechurch-street, in the city of London, for an invention of "an improved method of tapping barrels, casks, and other vessels, in which taps or cocks are used to draw off the liquid contents thereof."—Dated 4th November, 1870.
2924. William Robert Lake, of the firm of Haseltine, Lake, & Co., Southampton-buildings, London, Patent Agents, for an invention of "an improved buoyant mattress, designed to serve either as a bed or a life preserver."—Communicated to him from abroad by Joshua Hunt, of Providence, Rhode Island, United States of America.—Dated 5th November, 1870.
2926. George Doig Nicol, of the firm of Alexander Nicol and Company, Canvas Manufacturers, of Arbroath, in Scotland, for an invention of "improvements in the manufacture of sailcloth and such like fabrics."—Dated 5th November, 1870.