

floating sunken vessels or other heavy bodies or materials."

On their several petitions, recorded in the Office of the Commissioners on the 10th day of September, 1875.

3184. To William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "improvements in skates."—A communication to him from abroad by Edmond Dallemagne, of No. 64, Faubourg St. Martin, Paris, France.

3186. To Samuel Perkins and James Clark, both of Gerrard-street, Soho, in the county of Middlesex, Manufacturers, for the invention of "improvements in dressing cases and other boxes or cases."

3188. To Andrew Ferrier Shanks, of Barrhead, in the county of Renfrew, North Britain, Plumber and Gas Fitter, for the invention of "improvements in and connected with water-closets, urinals, cisterns, baths, valves, and other apparatus in which water is consumed, contained, conveyed, or controlled."

3190. To William Clissold, of Cains Cross, in the county of Gloucester, Engineer, for the invention of "improvements in rotary cutters for cutting or ornamenting wood, bone, ivory, and other hard substances."

3192. To Franklin Prestage, of Brosely, in the county of Salop, Civil Engineer, for the invention of "improvements in the manufacture of bricks and tiles, and in the machinery or apparatus employed therein."

3194. To Joseph Robert Wright the younger, of Sheffield, in the county of York, Steel and Wire Manufacturer, for the invention of "improvements in hardening and tempering umbrella rib wire, either solid or paragon."

3196. And to William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in instruments for measuring angles."—A communication to him from abroad by Rudolf Schneider, of Segen Gottes, near Rossitz, Moravia, and Frederick William Kraft, of Vienna, both in the Empire of Austria.

On their several petitions, recorded in the Office of the Commissioners on the 11th day of September, 1875.

Erratum in Gazette of Tuesday, September 21st, 1875.

3109. For "Arthur," read "Arther."

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 18th day of September, 1875.

2702. George Augustus Alexander Cunningham and Thomas Philip Christopher Cunningham, of Liverpool, in the county of Lancaster, Electricians, for an invention of "improvements in electro-magnetic motors."—Dated 12th September, 1872.

2704. 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 sulphate of soda."—Dated 12th September, 1872.

2705. Joseph Wood, of Manchester, in the county of Lancaster, Furniture Dealer, for an invention of "improvements in spring mattresses and other articles for sitting or reclining upon."—Dated 12th September, 1872.

2706. William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, for an invention of "improvements in wax thread sewing machines."—Communicated to him from abroad by Robert Ashe, of Boston, Massachusetts, United States of America.—Dated 12th September, 1872.

2707. George Tomlinson Bousfield, of Louthborough Park, Brixton, in the county of Surrey, for an invention of "improvements in lacing devices, and in the mode of lacing and fastening wearing apparel and other articles with the same."—That the said invention has been communicated to him from abroad by David Heaton, of the city and county of Providence, and State of Rhode Island, United States of America.—Dated 12th September, 1872.

2710. Willem Van de Waal, of the firm of M. J. Van de Waal and Company, of Amsterdam, in the Kingdom, of Holland, but now residing at Cheapside, in the city of London, for an invention of "improvements in the manufacture of stays and corsets."—Dated 12th September, 1872.

2711. William Denny Ruck, of Greenwich, in the county of Kent, for an invention of "improvements in the manufacture of gas."—Dated 12th September, 1872.

2712. John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for an invention of "improvements in effecting the purification of cast iron, malleable iron, cast steel, and malleable steel, and other metals or alloys."—Communicated to him from abroad by Jean Baptiste Lucien Forquignon, of Nancy, Mining Engineer, and Leon Michel Ehrmann, of Paris, in the Republic of France, Chimiste.—Dated 12th September, 1872.

2713. Edward Hawkins, of Warren-street, Fitzroy-square, in the county of Middlesex, for an invention of "improvements in compensating balances for chronometers, applicable also to other time keepers."—Dated 13th September, 1872.

2715. William Stebbins Fish, of Glasgow, in the county of Lanark, North Britain, for an invention of "improvements in wicks."—Dated 13th September, 1872.

2717. William Smith Dixon, of No. 14, Grosvenor-place, in the county of Middlesex, for an invention of "improvements in the manufacture of plute iron or refined metal."—Dated 13th September, 1872.

2719. William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for an invention of "an improved process and compound for tempering and refining steel."—A communication to him from abroad by William Norton Severance, of South Bend, Indiana, United States of America.—Dated 13th September, 1872.

2721. Johann Heinrich Ferdinand Kienast, in Berlin, in the Empire of Germany, Manufacturer, for an invention of "an apparatus for heating railway carriages by means of hot air."—Dated 13th September, 1872.

2724. Samuel Jacob Wells, 36, Monkwell-street, in the city of London, Shirt Maker, for an invention of "improved shirts and attachments thereto."—Dated 13th September, 1872.