1306. To Isaac Jacob Jordan Lewis, of Manchester, in the county of Lancaster, for the invention of "improvements in the ventilation of hats or other coverings for the head."

1307. To Jean Baptiste Kroll and Antoine Froment, Merchants, both of No. 82, Boulevard Sébastopol, Paris, in the Empire of France, for the invention of "improvements in percolators for infusing tea, coffee, and other similar beverages."

1308. To George Heyes, of Radcliffe, in the county of Lancaster, and Edward Barlow, of Little Lever, in the said county, for the invention of "improvements in machinery for winding yarns or threads on bobbins."

1309. To Nicholas Voice, of Handcross, in the ceunty of Sussex, Plumber, for the invention of "improvements in cask stands or tilts."

1312. To Lewis Isaac, of Elysiam Villas, Northumberland Park, Tottenham, in the county of Middlesex, Gentleman, for the invention of "improvements in folding, or collapsible tables, stands, and stools."

1313. To Edward Cooper, of Laurence Pountneylane, in the city of London, for the invention of "improvements in ventilating hats."

1314. To Thomas Bostock, of Stone, in the county of Stafford, Boot and Shoe Manufacturer, for the invention of "an improved application or method of applying elastic fabrics in the manufacture of boots and shoes."

1315. To Robert Bennet Forbes, of Boston, in the United States of America, at present residing at No. 1.15, Jermyn-street, in the county of Middlesex, for the invention of "improvements in rigging square rigged vessels."

1316. To Julius Frölich, of No. 2, Park-villas, Lonsdale-road, Barnes, in the county of Surrey, for the invention of "improvements in apparatus for generating gas to be used in gas furnaces."

1317. To Alban Meredith, of 96, Newgate-street, in the city of London, for the invention of "improvements in the manufacture of iron and steel."

1318. To David Greig, Robert Burton, and James Gozney and Thomas Atkinson, all of the Steam Plough Works, Leeds, in the county of York, Engineers, for the invention of "improvements, in apparatus to be used in cultivating land when steam power is employed."

1319. To 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 the invention of "improvements in the construction of pianofortes and other stringed instruments."—A communication to him from abroad by Frederic Bauer, of 37, Boulevard Bonne-Nouvelle, Paris, in the empire of France.

1320. To Henry Bray, of the town and county of the town of Nottingham, House Decorator, and Henry Adams, of the same town, Painter, for the invention of "improvements in graining in oil colours."

1321. And to William Robert Lake, of the "International Patent Office," No. 8, Southampton - buildings, Chancery - lane, London, Consulting Engineer, for the invention of "improvements in apparatus for generating and condensing steam, and in furnaces for steam generators, and for other purposes."—A communication to him from abroad by Treat Timothy Prosser, of Chicago, Illinois, United States of America.

On their several petitions, recorded in the Office

of the Commissioners on the 28th day of April, 1869.

1322. To Marmaduke Wilkin, of No. 2, Saint James's-terrace, parish of Paddington, in the county of Middlesex, Gentleman, and John Clark, of 10, South-street, Finsbury, in the city of London, in the county aforesaid, Engineer, for the invention of "improvements in radiating the axles of railway carriages."

1324. And to Oswald Rose, of Bolton, in the county of Lancaster, Engineer, for the invention of "improvements in steam engines."

On both their petitions, recorded in the Office

of the Commissioners on the 29th day of April, 1869.

## 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 1st day of May, 1869.

1160. John Watson Burton, of Leeds, in the county of York, for an invention of "improved means and apparatus for the treatment of animal fibrous substances and fabrics of mixed vegetable and animal substances, and of utilizing the waste products therefrom."—Dated 25th April, 1866.

1164. William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for an invention of "improvements in machinery for making twist drills."—Communicated to him from abroad by Andrew Reynolds Arnold, of Newark, Essex County, State of New Jersey, United States of America.—Dated 25th April, 1866.

1165. William Edward Gedge, of the firm of John Gedge and Son, of No. 23, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agent, for an invention of "an improved construction of spring bed or mattress and apparatus connected therewith."—Communicated to him from abroad by Jean Antoine Alexandre Duprey and Pierre Grivand, both of Macon (Saône et Loire), France.—Dated 25th April, 1866.

1166. Henry Charles Butcher, of Wellingtonstreet, Strand, in the county of Middlesex, Wine Merchant, for an invention of "an apparatus to be used for piercing and holding cigars, and as a tobacco stopper, pencil case, whistle, seal, tooth pick, or watch key."—Dated 25th April, 1866.

1171. Scipion Sequelin, of Deptford, in the county of Kent, Chemist, for an invention of "improvements in the purification, clarification, and preparation of animal and vegetable wax, tallow, oils, and other similar waxy and fatty substances."—Dated 26th April, 1866.

1173. William Edmond and Adolf Gurlt, both of Swansea, in the county of Glamorgan, Metallurgical Engineers, for an invention of "improvements in furnaces and apparatus for separating heated gases, fumes, or vapours from each other, and from solid or liquid bodies."—Dated 26th April, 1866.

1174. Alfred Paraf, of the city of Manchester, in the county of Lancaster, Chemist, for an invention of "improvements in printing and dyeing textile fabrics and yarns."—Dated 26th April, 1866.