

930. To Bewicke Blackburn, of York-buildings, Adelphi, in the county of Middlesex, for the invention of "improvements in apparatus for lubricating locomotive and other axles."

932. To Thomas Moore, of No. 33, Regent-circus, Piccadilly, in the county of Middlesex, for the invention of "improvements in winding apparatus, especially applicable to fishing lines, nets, and log-lines, and in leaders or travellers to be used therewith, which leaders or travellers are also applicable to working ships' sails and other useful purposes."

936. And to William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in the manufacture of carbonic acid."—A communication to him from abroad by Messrs. Louis Joseph Frédéric Margueritte and Alfred Lalouët de Sourdeval, both of 29, Boulevard St. Martin, Paris, Chemists.

On their several petitions, recorded in the Office of the Commissioners on the 2nd day of April, 1862.

940. To George Bower, of Ashton-under-Lyne, in the county of Lancaster, Iron Moulder, and John Qualter, of Dukinfield, in the county of Chester, Blacksmith, for the invention of "certain improvements in metallic pistons."

942. To George Hunter, of Coleford, in the county of Gloucester, Engineer, for the invention of "improvements in machinery and tools for cutting, sawing, and planing stone, marble, and slate."

944. To William Kemp, of 20, Spital-square, and Thomas Cowley, of Harts-lane, Bethnal-green, both in the county of Middlesex, for the invention of "improvements in the manufacture of silk pile velvet."

946. To David Wilson, of Wandsworth Common, in the county of Surrey, and Edward Alfred Cowper, of No. 35A, Great George-street, Westminster, for the invention of "improvements in presses for pressing cotton, fibrous materials, and hay."

948. To Alexander Mann, of Tottenham, in the county of Middlesex, for the invention of "improvements in photographic apparatus."

950. And to Henry Thomas Hassall, of the firm of Hassall and Company, of Birmingham, in the county of Warwick, Manufacturers, and Michael Burke, of Liverpool, in the county of Lancaster, Cabinet Maker, for the invention of "improvements in reclining or invalids' chairs, and in swinging or ships' chairs."

On their several petitions, recorded in the Office of the Commissioners on the 3rd day of April, 1862.

#### PATENTS 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 5th day of April, 1862.

813. Daniel Kinnear Clark, of 11, Adam-street, Adelphi, in the county of Middlesex, Civil Engineer, for an invention of "feed water heating apparatus."—Dated 1st April, 1859.

814. Frederic Philippe Auguste Auburtin, of Paris, in the empire of France, at present residing at No. 32, Gerard-street, Islington, in

the county of Middlesex, for an invention of "an improved preparation of food for herbivorous animals."—Complete specification.—Dated 1st April, 1859.

818. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "improvements in cricket bats."—A communication from abroad by Michael Doherty, of Boston, in the United States of America.—Dated 1st April, 1859.

819. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "an improved process of manufacturing sulphate of lead, carbonate of lead, nitrate of potash, and sulphate of soda."—A communication from Samuel Cooper, of Boston, in the United States of America.—Dated 1st April, 1859.

821. William Tod, of Glasgow, in the county of Lanark, North Britain, Marine Engineer, for an invention of "improvements in marine steam engines."—Dated 1st April, 1859.

822. Yves-Marie-Thomas, of 2, Rue Sainte Appoline, Paris (Empire of France), and of 45, Essex-street, Strand, London, for an invention of "an improved propeller for ships, vessels, boats, and water-wheels."—Dated 1st April, 1859.

824. Abraham Ripley, of Bridge-street, Blackfriars, London, county of Middlesex, Engineer, and John Roberts, of Nelson-square, Bermondsey, county of Surrey, Engineer, for an invention of "improvements in machinery for striking or scraping leather and tanned or untanned hides."—Dated 2nd April, 1859.

833. Thomas Richardson, of Hartlepool, in the county of Durham, Engineer, and George William Jaffrey, of the same place, Engineer, for an invention of "improvements in the arrangement and construction of harbours of refuge, breakwaters, sea walls, or barriers, and other like structures."—Dated 2nd April, 1859.

834. Thomas Williams, of Aberdaron, in the county of Caernarvon, Engineer, and John Hobson Fuller, of 70, Hatton-garden, in the county of Middlesex, Tool Manufacturer, for an invention of "improvements in screw stocks and dies."—Dated 2nd April, 1859.

840. James Henry Burton, of Enfield Lock, in the county of Middlesex, for an invention of "improvements in the manufacture of barrels for small fire-arms."—Dated 4th April, 1859.

843. Champion Russell, of Stubbers, near Romford, in the county of Essex, Esquire, for an invention of "an improvement in the working of marine engines."—Dated 4th April, 1859.

844. Matthew Augustus Crooker, of New York, United States of America, Engineer, for an invention of "improvements in paddle wheels for steamers."—Dated 4th April, 1859.

848. Andrew Shanks, Engineer, of No. 6, Robert-street, Adelphi, Westminster, for an invention of "certain improvements in machinery for forging and stamping metals."—Dated 5th April, 1859.

849. George Haseltine, of the United States of America, now of 4, Southampton-building, Holborn, in the county of Middlesex, for an invention of "improvements in sewing machines."—Dated 5th April, 1859.

852. Frederick Collier Bakewell, of No. 6, Haverstock-terrace, Hampstead, in the county of Middlesex, for an invention of "improvements in open fire-places."—A communication from abroad by Calvin Dodge, of Pittsburgh, North America.—Dated 5th April, 1859.