

3298. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in photographic apparatus."—A communication to him from abroad by Jean Baptiste Sabatier-Blot, of 29, Boulevard St. Martin, Paris, Photographer.

3300. To George Jeffries, of Golden Ball-street, Norwich, Gun Maker, for the invention of "improvements in breech-loading fire arms."

3304. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, for the invention of "improvements in fire-arms."—A communication to him from abroad by Leonhard Kastli and Charles Custer, both of Altstatten, in the Republic of Switzerland.

On their several petitions, recorded in the Office of the Commissioners on the 9th day of December, 1862.

3310. To Samuel Benjamin Whitfield, of the firm of Samuel Whitfield and Sons, of Birmingham, in the county of Warwick, Manufacturers, for the invention of "improvements in the dovetail joints used in metallic bedsteads and other articles of like manufacture."

3314. And William Allen Turner, of Lawrence Pountney-lane, in the city of London, for the invention of "improvements in machinery for cutting or paring starch."

On both their petitions, recorded in the Office of the Commissioners on the 10th day of December, 1862.

3320. To John Robert Breckon, of Darlington, in the county of Durham, Accountant and Colliery Manager, and Thomas Douglas, of Peases West Colliery, Crook, in the county of Durham aforesaid, Colliery Viewer, for the invention of "improvements in the manufacture of fire-bricks and other articles usually made from fire-clay."

3322. To Robert Clark, of Langloan, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in machinery or apparatus for boring, winding, and lifting for mining purposes."

3324. To John Imray, of 65, Bridge-road, Lambeth, in the county of Surrey, Engineer, for the invention of "improvements in apparatus used for mixing and kneading."

3326. And to Thomas Edward Vickers, of Sheffield, in the county of York, Steel Manufacturer, for the invention of "improvements in the construction of ordnance."

On their several petitions, recorded in the Office of the Commissioners on the 11th day of December, 1862.

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 13th day of December, 1862.

2765. Frederick Levick, of Blaina Cwm Celyn and Coalbrook Vale Iron Works, in the county of Monmouth, Iron Master, for an invention of "a new or improved coke oven."—Dated 7th December, 1859.

2771. Robert Hanham Collyer, of 8, Alpha-road, St. John's Wood, in the county of Middlesex, M.D. and Ph.D., for an invention of "a chemical ink-pencil or composition, applicable as

an instrument or means for writing, drawing, and marking."—Dated 7th December, 1859.

2773. Thomas Richards Harding, of Leeds, in the county of York, Hackle Pin Manufacturer, for an invention of "improvements in combs or hackles for combing, carding, or hackling flax, cotton, silk, or other fibrous materials (which are also applicable to raising the nap or pile of woollen or other cloths), and in the making of pins or teeth for such combs or hackles."—Dated 7th December, 1859.

2775. Charles Constant Simonet de Changy, of Boulogne-sur-Mer, in the empire of France, for an invention of "improvements in the manufacture of bread, which improvements are also applicable in the preparation of dough or paste for other purposes."—Dated 7th December, 1859.

2776. Joseph Mabbott, of No. 7, Sunbury-terrace, Liverpool-road, in the county of Middlesex, for an invention of "improvements in wind-guards for chimneys."—Dated 7th December, 1859.

2778. William Spence, of 52, Chancery-lane, in the county of Middlesex, Patent Agent, for an invention of "improvements in rotating harrows."—A communication to him from abroad by Sidney S. Hogle, of Cleveland, in the county of Cuyahoga, and state of Ohio, United States.—Dated 8th December, 1859.

2780. John Arrowsmith, of Bilston, in the county of Stafford, Engineer, for an invention of "a new or improved method of constructing land batteries and gun boats."—Dated 8th December, 1859.

2781. John Arrowsmith, of Bilston, in the county of Stafford, Engineer, for an invention of "improvements in the manufacture of beams or girders, and in machinery and furnaces used in the said manufacture."—Dated 8th December, 1859.

2782. John Ross Foord, of Acorn Wharf, Rochester, Kent, Contractor, for an invention of "improvements in applying travellers or lifting engines to barges or other craft for drawing piles, raising sunken craft, moorings, and other such like purposes."—Dated 8th December, 1859.

2784. Thomas Crook, of Bolton-le-Moors, in the county of Lancaster, Jacquard Card Maker, for an invention of "improvements in machinery or apparatus for making paper bags."—Dated 8th December, 1859.

2785. William Prosser and John Hogg, both of Witton Park, Darlington, in the county of Durham, for an invention of "an improved cooking apparatus, particularly suitable for military purposes."—Dated 8th December, 1859.

2787. Frederick Henry Elliott and Charles Alfred Elliott, of the Strand, in the city of Westminster, Mathematical Instrument Makers, for an invention of "an improved method of preventing drawing boards and other flat wooden surfaces from warping or twisting, and of adding to the strength thereof."—Dated 8th December, 1859.

2793. John Lawson, of Glasgow, in the county of Lanark, North Britain, Designer, and William Hago, of the same place, Clockmaker, for an invention of "improvements in apparatus to be used in spinning or twisting."—Dated 9th December, 1859.

2794. Joel Spiller, of Cardiff, in the county of Glamorgan, South Wales, Civil Engineer, for an invention of "improvements in drying articles or bodies formed of plastic clay."—Dated 9th December, 1859.