

516. To George Haseltine, of the "International Patent Office," Southampton-buildings, London, Doctor of Laws, for the invention of "improvements in apparatus for adjusting the screw-propellers and rudders of canal-boats and other vessels."—A communication to him from abroad by James Mapes Dodge, of Newark, New Jersey, United States of America.

518. To William Richards, Gas Engineer, of Burton-road, Brixton, in the county of Surrey, for the invention of "improvements in machinery and apparatus for charging and drawing retorts used in the manufacture of gas."

522. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in lawn mowing machines."—A communication to him from abroad by Everett Griscom Passmore, of Philadelphia, Pennsylvania, United States of America.

528. To Charles Weightman Harrison, of High Holborn, in the county of Middlesex, Gentleman, for the invention of "improvements in obtaining oxygen."

On his petition, recorded in the Office of the Commissioners on the 12th day of February, 1873.

530. To James Thompson Dennison, of Halifax, in the county of York, Drysalter, for the invention of "improvements in the construction and arrangement of domestic fire-places, flues, and grates for economizing fuel and space, also reducing first costs of construction."

532. To Joseph Armstrong, of Rotherham, in the county of York, Railway Wheel Manufacturer, for the invention of "improvements in the manufacture of wheels for railways and for other uses."

534. To Charles Owen, of 46 and 48, City-road, London, in the county of Middlesex, for the invention of "further improvements in electrical intercommunication between passenger and guard, guard and guard, and guard and engine driver."

536. To Saddleton Marsters, of North Runcton, near Lynn, in the county of Norfolk, for the invention of "improved means and apparatus for cooling beers and other liquids."

544. To George Claudius Ash, of 141, Maidavale, in the county of Middlesex, for the invention of "improvements in the manufacture of hats and coverings for the head."

546. And to John Schofield, Crabber in the employ of William Eddleston and Company, of Sowerby Bridge, in the county of York, Dyers and Stovers, and William Mellor, of Sowerby Bridge aforesaid, Mechanic, for the invention of "improved machinery or apparatus for smoothing and pressing textile fabrics."

On their several petitions, recorded in the office of the Commissioners on the 13th day of February, 1873.

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 15th day of February, 1873.

375. Christopher Crossley and Robert Whipp, both of Manchester, in the county of Lancaster, Drysalters, and Thomas Crossley, of Rochdale, in the same county, Manufacturing Chemist,

for an invention of "improvements in the manufacture of size, and in the application of a certain material for conditioning cotton and other fibrous substances."—Dated 9th February, 1870.

376. Charles Bardy, of Boulevard de Strasbourg, 23, à Paris, Chemist, for an invention of "improvements in preparing and obtaining colouring matters."—Dated 9th February, 1870.

378. Joseph Haley, of Battersea, in the county of Surrey, for an invention of "an illuminated rotary advertising apparatus."—Dated 9th February, 1870.

380. John Tyndale Greenfield, Lieutenant in the Royal Regiment of Artillery, residing at 10, Pencester-street, Dover, in the county of Kent, for an invention of "an improved side arm for clearing the chambers and rifling of ordnance." Dated 9th February, 1870.

383. Arthur Foley, of Fisherton-street, Salisbury, in the county of Wilts, Upholsterer, and Henry Foley, of the same place, Photographer, for an invention of "improvements in the production of photographic pictures or designs on veneers and solid wood, and in the application thereof to cabinet work, furniture, fancy wood articles, and other decorative purposes."—Dated 9th February, 1870.

387. John Martin Stanley, Ironfounder, and William Atkins, Engineer, both of Sheffield, in the county of York, for an invention of "improvements in fire places for generating steam, and in other furnaces where great heat is required."—Dated 9th February, 1870.

388. Henry Temple Humphreys, of West Limerick, Ireland, and of 28, Westbourne Park-road, in the county of Middlesex, Civil Engineer and Surveyor, for an invention of "improvements in railways and in rolling stock to be used therewith."—Dated 10th February, 1870.

389. Charles Pontifex, Frederick Pontifex, and Anthony Sherwood, trading under the firm of Henry Pontifex and Sons, Copper-smiths and Engineers, of Albion Works, King's-cross, in the county of Middlesex, for an invention of "improvements in machinery or apparatus for pressing spent hops, grains, beet root, or other substances used in the processes of brewing and distilling, to extract liquor or moisture therefrom."—Dated 10th February, 1870.

391. Gilbert Eguillon, of No. 82, Boulevard Sébastopol, Paris, in the Empire of France, Clerk in Holy Orders, for an invention of "improvements in the mode of reducing the friction of pivots turning on oscillating levers, which system is also applicable to wheeled vehicles, especially waggons or railway trucks."—Dated 10th February, 1870.

394. John Charles Wilson, of No. 17, Gracechurch-street, in the city of London, Mechanical Engineer, for an invention of "improvements in machinery for shearing and washing sheep or other animals."—Dated 10th February, 1870.

395. William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for an invention of "improved apparatus for producing fringe upon woven fabrics."—Communicated to him from abroad by Nathaniel Wheeler, of Bridgeport, Connecticut, United States of America.—Dated 10th February, 1870.

397. William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for an invention of "improvements in printing machines, more especially designed for printing cards."—Communicated to him from abroad by William Henry Bush,