

by Isidore Farinaux, A. Fichaux, O. Girol, and Herbert Sartoris, all of Lille, in the Republic of France.

2953. To Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements applicable to blast furnaces."

—A communication to him from abroad by Theodore Frelinghuysen, Miner, of Albany, in the State of New York, United States of America.

2955. And to Thomas Newton, of Walsall, in the county of Stafford, for the invention of "improvements in the manufacture of military and other saddles."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of September, 1873.

2957. To Edward Pugh Jones, of Shell Mound, Mississippi, United States of America, but now of No. 8, Southampton-buildings, London, Gentleman, for the invention of "improvements in brakes for railway carriages and wagons."

2959. To Robert Dobbie and Peter Forbes, both of the city of Glasgow, in the county of Lanark, North Britain, American Stove Manufacturers, for the invention of "a new or improved damper or throttle valve chamber or flue for stoves."

2961. To James Higgins, of Salford, in the county of Lancaster, Machine Maker, and Thomas Schofield Whitworth, of the same place, Manager, for the invention of "improvements in machinery for spinning and doubling cotton and other fibrous materials."

2963. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in diamond cutting machines."—A communication to him from abroad by Isaac Hermann, of the city, county, and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 9th day of September, 1873.

2967. To Anton Harder, of Ransen, near Steinau on the Oder, in the German Empire, but at present of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "improvements in reaping and mowing machines."

2971. To Henry Holland, of Birmingham, Tool Maker, for the invention of "improvements in the manufacture of gas for illuminating and heating purposes."

2973. To Elisha Smith Robinson, of No. 2, Radcliffe-street, in the city of Bristol, for the invention of "improvements in machinery for the manufacture of satchell or rectangular bottomed paper bags."—A communication to him from abroad by Edwin J. Howlett and John P. Onderdonk, both of Philadelphia, Pennsylvania, in the United States of America.

2975. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in rotatory engines."—A communication to him from abroad by Jean Edmond Henry, of Paris, in the Republic of France, Engineer.

2977. And to Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved feed water indicator for steam boilers."—A communication to him

No. 24018.

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from abroad by Andrew S. Goodrich and Michael Kornblum, both of the city and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 10th day of September 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 Vict., c. 5, sec. 2, for the week ending the 13th day of September, 1873.

2424. Andrew Noble, of Newcastle-on-Tyne, in the county of Northumberland, for an invention of "improvements in fuzes."—Dated 7th September, 1870.

2425. Campbell Morfit, Consulting Chemist, of the city of Baltimore, in the State of Maryland, and United States of America, but now residing at Sudbrook Park, in the county of Surrey, for an invention of "improvements in the manufacture of manure."—Dated 7th September, 1870.

2426. Cornelius William Morley, of 42, Clifton-road East, St. John's Wood, London, N.W., for an invention of "improvements in gas burners, and in the construction of the same."—Dated 7th September, 1870.

2427. George Haseltine, of the "International Patent Office," Southampton-buildings, London, for an invention of "improvements in machinery for manufacturing type."—Communicated to him from abroad by William Wallace Dunn, of San Francisco, California, United States of America, Mechanic.—Dated 7th September, 1870.

2428. John Banks, of Cockermonth, in the county of Cumberland, for an invention of "improvements in window sash and casement fasteners."—Dated 7th September, 1870.

2430. James Eastwood, of Blackburn, in the county of Lancaster, for an invention of "improvements in apparatus for heating water for steam boilers, and for other purposes, and for an improved vacuum valve to prevent collapse."—Dated 8th September, 1870.

2431. Mathew Lawson, of Leeds, in the county of York, for an invention of "improvements in the manufacture of wearing apparel, such as coats, vests, trousers, jackets, shirts, drawers, and other similar articles."—Dated 8th September, 1870.

2433. John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for an invention of "improvements in pipe joints or couplings, applicable also to couplings for rods and shafting."—Communicated to him from abroad by William Clare Allison, of Philadelphia, Pennsylvania, United States of America.—Dated 8th September, 1870.

2435. Edmund Richard Southby, of Shotts, in the county of Lanark, North Britain, Chemist, for an invention of "improvements in distilling mineral oils, and in apparatus therefor."—Dated 8th September, 1870.

2436. Loftus Perkins, of Seaford-street, Gray's-inn-road, in the county of Middlesex, for an invention of "improvements in the locking gear of the fore carriage of wheeled vehicles."—Dated 8th September, 1870.