

3573. To William Huskisson the younger, of No. 76, Swinton-street, Gray's-inn-road, in the county of Middlesex, Manufacturing Chemist, for the invention of "improvements in the manufacture of soda and other aerated waters, and in the manufacture of aerated bread."

3575. To James Morpeth Shackleton, of Accrington, in the county of Lancaster, Cotton Manufacturer, for the invention of "improvements in the manufacture of umbrellas."

3577. To William Henry Kerr, of Clontarf, in the county of Dublin, Ireland, China Merchant, for the invention of "improvements in the preparation of material to be used in the manufacture of porcelain and pottery."

3581. And to William Huskisson the younger, of 76, Swinton-street, Gray's-inn-road, in the county of Middlesex, Manufacturing Chemist, for the invention of "improvements in the manufacture of bicarbonate of potash and soda."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of December, 1867.

3583. To Thomas Volkert Mackintosh, of Surinam, but at present residing at Port Glasgow, in the county of Renfrew, North Britain, for the invention of "improvements in machines for making drains or trenches."

3585. To William Simons and Archibald Carmichael, both of the town and county of Renfrew, North Britain, for the invention of "improvements in moulding, and in the machinery or apparatus employed therefor."

3587. To Ernest Marie Du Boys, Government Engineer, of Paris, France, for the invention of "improvements in liquid meters or apparatus for measuring and registering the volume of water or other liquid flowing under pressure through pipes or ducts."

3589. To Frederick Lamb Hancock and Charles Lamb Hancock, both of Dudley, in the county of Worcester, for the invention of "improvements in and connected with propellers and in arrangements for propelling vessels."

3591. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved method of and apparatus for the manufacture of tinned leaden pipes."—A communication to him from abroad by Augustin Henry Hamon, of Nantes, in the Empire of France.

On their several petitions, recorded in the Office of the Commissioners on the 17th day of December, 1867.

3595. To John Patterson, of Hull, in the county of York, Engineer, for the invention of "improvements in capstans."

3599. To James Hall, of Barrhead, in the county of Renfrew, North Britain, for the invention of "improvements in furnace grates and casings."—A communication to him from abroad by Robert Loudon Walker, residing at Globe Village, Massachusetts, United States of America.

3603. And to Onésime Aristide Hébert, of New Millman-street, in the county of Middlesex, Watchmaker, for the invention of "improvements in musical boxes."

On their several petitions, recorded in the Office of the Commissioners on the 18th day of December, 1867.

3528. To Edward Lord, of Todmorden, in the county of York, Machine Maker, for the inven-

tion of "an improved mode of reducing the friction of revolving and sliding surfaces."

3632. To Jonah Hadley, of the City Flour Mills, Upper Thames-street, in the city of London, for the invention of "improved apparatus for cleaning grain or seeds, and reducing the same to meal or flour."

3634. To William Hurst, of Hamer Hall, Rochdale, in the county of Lancaster, Cotton Spinner, and Joshua Henry Wilson, of Cornholme Mill, near Todmorden, in the same county, Bobbin Manufacturer, for the invention of "improvements in, or applicable to, flyer, throstle, and doubling frames and machines of like character."

3636. To Edwin Ludlow, of Birmingham, in the county of Warwick, Manufacturer, and Alfred Ludlow, of Birmingham aforesaid, Manufacturer, for the invention of "improvements in machinery for the manufacture of cartridge cases."

3638. And to Ignac Pick, of No. 5, Falcon-square, in the city of London, for the invention of "improvements in the construction of bags, portmanteaus, and other similar articles."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of December, 1867.

3640. To John Rowe, of Wrexham, in the county of Denbigh, North Wales, Civil Engineer, for the invention of "improvements in the construction of miners' safety lamps."

3642. To Charles William Lancaster, of New Bond-street, in the county of Middlesex, Gun-maker, for the invention of "improvements in the construction of cannon and other fire arms."

3644. To Robert Crawshaw, of Colne, in the county of Lancaster, Shuttle Peg Maker, for the invention of "improvements in shuttles for looms for weaving."

3646. To Henry Frederick Bengough, of Clifton, in the county of Gloucester, for the invention of "improvements in tobacco pipes."

3649. To Simon Salter, of Stroud, in the county of Gloucester, for the invention of "improvements in the construction of rotary engines."

3650. And to William Henry Chase, Junior, of Brixton Hill, in the county of Surrey, Manufacturer, for the invention of "improvements in the construction of couplings for driving belts."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of December, 1867.

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 28th day of December, 1867.

3178. Henry Edmonds, residing at Peel Lodge, Stoke-road, Gosport, county of Southampton, for an invention of "improvements in the construction of lamp feeders and other vessels from which fluid is poured out through tubular spouts."—Dated 22nd December, 1864.

3179. John Fothergill and John Henry Fothergill, both of the City-road, in the county of Middlesex, for an invention of "improvements in machinery or apparatus employed in the propulsion of vessels."—Dated 22nd December, 1864.