604. To John Holmes Wrench, of No. 39, Gray'sinn-road, in the county of Middlesex, for the invention of "improvements in mechanical

slides for magic lanterns.'

608. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancerylane, London, for the invention of "improvements in the manufacture of boxes, cartridge cases, and other similar articles."—A communication to him from abroad by Charles Stark Wells, of Springfield, county of Hampden, State of Massachusetts, United States of America.

610. And to Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "an improved mode of and apparatus for arresting the motion of railroad trains."--A communication to him from abroad by Frederick Rudolph Schettler, 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 7th day of March,

612. To Edward Davies and Edward Hutchinson, both of Liverpool, in the county of Lancaster, for the invention of "improvements in hydraulic machines, to be applied as a motive power."

613. To Charles Parkinson, of Bolton, in the county of Lancaster, Manager, and Robert Henry Lord, of the same place, Cotton Spinner, for the invention of "improvements in carding

engines."

614. To John Kent, of the town and county of Nottingham, for the invention of "improve-ments in brushes."

616. To Charles Robert Western, of the firm of Powis, James, and Company, of Victoria Works, Belvedere-road, Lambeth, in the county of Surrey, Engineers, for the invention of "improvements in and in machinery for the manufacture of boxes or receptacles for matches or other articles, and in machinery for turning rods of wood for the manufacture of such boxes or receptacles, or for other purposes."

618, To John Hargreaves and William Rostron, both of Bolton, in the county of Lancaster, for the invention of "improvements in apparatus for the prevention of accidents upon railways."

620. To James Starley, of Coventry, in the county of Warwick, Machinist, for the invention of "improvements in the construction of sewing machines."

622. And to Benjamin Joseph Edwards, of the Grove, Hackney, in the county of Middlesex, for the invention of "improvements in apparatus for taking photographic pictures.

On their several petitions, recorded in the Office of the Commissioners on the 8th day of March, 1871.

## PATENTS WHICH HAVE BECOME VOID.

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 11th day of March, 1871.

755. Frederic Thomas Baker, of Fleet-street, in the city of Lonnon, Gun Maker, for an invention of "improvements in the manufacture of cartridge cases."—Dated 5th March, 1868...

756. James John Frederick Stevens, of Darlington Works, Southwark, in the county of Surrey, Engineer, for an invention of "improvements in the construction of railway and other signal apparatus."-Dated 5th March, 1868.

757. John Hammersley, of Spencer-street, Clerkenwell, in the county of Middlesex, Chronometer and Watch Manufacturer, for an invention of "improvements in the construction of marine chronometer boxes."-Dated 5th March, 1868.

- 758. Hector Auguste Dufrené, of No. 10, Rue de la Fidélité, Paris, in the Empire of France, and 4, South-street, Finsbury, London, Civil Engineer, for an invention of "improvements in covers or capsules for jars, pots, and other vessels."-It is a communication from Monsieur Henry Viollet, a person resident at Tours, in the Empire of France.—Dated 5th March,
- 769. Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for an invention of "improved apparatus for cultivating land, and sowing seed-"—Communicated to him from abroad by David Dueham Stelle, of New Brunswick, in the State of New Jersey, United States of America.—Dated 5th March,
- 772. Daniel Price, of Dudbridge, in the county of Gloucester, Engineer, and Charles Rowe, of Brimscombe, in the county of Gloucester, Engineer, for an invention of "improvements in apparatus for combing or cleaning animals."-Dated 6th March, 1868.
- 776. Thomas Whittaker, of Manchester, in the county of Lancaster, for an invention of "certain improvements in the preparation of paper to be empleyed in the manufacture of waterproof paper."-Dated 6th March, 1868.
- 777. James Eastwood, of Blackburn, in the county of Lancaster, Machine Maker, for an invention of "improvements in machinery for preparing size and in machinery or apparatus to be employed in the sizing of yarn and other fibrous materials and fabrics."—Dated 6th March, 1868.
- William Langwell and Henry Spring, trading under the firm of Langwell, Spring, and Company, of the Don Glass Works, Attercliffe, in the township of Attercliffe-cum-Darnall, parish of Sheffield, in the West Riding of the county of York, Glass Manufacturers, for an invention of "improvements in the manufacture of bottles, and in the apparatus to be employed therein."—Dated 6th March, 1868.
- 785. James Houston the younger, of Glasgow and Paisley, North Britain, Soap and Candle Manufacturer, for an invention of "improvements in the manufacture of composite candles, and in the machinery or apparatus employed therein."-Dated 6th March, 1868.
- 786. John Garrett Tongue, of the firm of Tongue and Birkbeck, Patent Agents and Engineers, of 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, for an invention of "improvements in the construction of steam boilers."—Communicated to him from abroad by Auguste Léon Bézy and Isadore Agnan Desnoyers, both of Paris, in the Empire of France.—Dated 6th March, 1868.
- 789. Sidney Brown, of No. 5, Blackfriars-road, in the county of Surrey, Perfumer, for an invention of "an improvement in the method of ornamenting bottles, vases, and jars used for