appliances for regulating the speed of steam and other like engines."

619. To Joseph Toussaint, of No. 64, Larchesstreet; Sparkbrook, Birmingham, in the county of Warwick, for an invention of "improvements in moulds for casting metals, and in

coatings for such moulds."

620. To John Keats, of Newcastle, in the county of Stafford, Bootmaker, Arthur Greenwood, of Leeds, in the county of York, Engineer, and Alphonso Keats, of Newcastle, in the county of Stafford, Bootmaker, for an invention of "improved machinery for manufacturing boots and shoes, part of which improvements is applicable to sewing machines generally."

621. And to James Topping, of Preston; in the county of Lancaster, Engineer, and Joseph Gregory, of Preston aforesaid, Engineer, for an invention of "improvements in and machinery for cutting or forming clay and other plastic substances into bricks, blocks, or

On their several petitions recorded in the Office of the Commissioners, on the 18th day of February, 1874.

629. To Sigismund Leoni, of 34, Saint Paulstreet, New North-road, in the county of Middlesex, Manufacturer, for an invention of "improvements in heating and cooking ap-

paratus." 631. To Alfred Butler Clarke, of Nottingham, in the county of Nottingham, but temporarily of 4, South-street, Finsbury, in the county of Middlesex, for an invention of "an improved washing machine."

633. To Dan Dawson, of Milnes Bridge, in the county of York, Aniline Manufacturer, and Clayton Slater, of Barnoldswick, in the county aforesaid, Cotton Spinner, for an invention of "improvements in dyeing and in apparatus connected therewith."

635. To Benjamin Joseph Barnard Mills, of the firm of Harris and Mills, of 23, Southamptonbuildings, in the county of Middlesex, Patent Agent, for an invention of "improvements in wheelbarrows."-A communication to him from abroad by Nestor Rolland and Jean Vanhoorde, both of Brussels, in the Kingdom of Belgium.

637. To George Rydill, of 8, Quality-court, Chancery-lane, in the county of Middlesex, for an invention of "improvements in steam generators, or boilers, furnaces, and flues, water tubes, and water casing, applicable as a steam generator for marine and land purposes, to utilize the heat, and for other purposes.

639.-To Henry Moses Mellor and Luke Woodward, of the firm of Messrs. Moses Mellor and Sons, Arkwright-street, Nottingham, for an inevention of "improvements in rotary knitting

641. And to Henry Holland, of Birmingham, Tool Maker, for an invention of "improvements in the manufacture of gas for illuminating and · heating purposes."

On their several petitions, recorded in the Office of the Commissioners on the 19th day of February,

643. To Henry Pattman Trueman, late of Johnstreet, Pentonville, in the county of Middlesex, and now of Woodbridge, in the county of Suffolk, for an invention of "improvements in apparatus for measuring liquids."

618. To Ivie Mackie MacGeorge, of North Ormesby, Middlesborough, in the county of York, for an invention of "improvements in certain improvements in the construction of sliding sashes."

649. To Henry Louis Bageau, of Paris, Rue Bichat, No. 33, Manufacturer, for an invention of "an improved waterproof compound for sizing and coating leather, wood, cloths, or

other articles."

651. To Charles William Collins, of the city of Manchester, in the county of Lancaster, Engineer, for an invention of "improved arrangements and combinations of mechanism for working the slide valves of steam engines and other motors."

653. To Henry Young Darracott Scott, of Ealing, in the county of Middlesex, Major-General, C.B., for an invention of "improvements in the treatment of sewage, and in the manu-

facture of manures therefrom."

655. And to James Farmer, of Salford, in the county of Lancaster, Machine Maker, for an invention of "improvements in machines for finishing printed sheets of paper."

On their several petitions, recorded in the Office of the Commissioners on the 20th day of February, 

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 21st day of February, 1874.

374. William Blanford, of 33, Mercer's-terrace, Salmon's-lane, Limehouse, in the county of Middlesex, Engineer, for an invention of "improvements in sewing machines."—Dated 15th

February, 1871.

375. Thomas Henry Rushton, of the firm of Messrs. Dobson and Barlow, of Bolton, in the county of Lancaster, Machine Maker, and Robert Tonge, of the same place, Foreman, for an invention of "certain improvements in machinery for spinning cotton."-Dated 15th February, 1871.

377. John Barran and John Barran, the younger, both of Leeds, in the county of York, for an invention of "improvements in apparatus for pressing, smoothing, and finishing garments, or parts of garments, also for pressing woollen or other woven or felted fabrics."-Dated 15th

February, 1871.

380. Thomas James Smith, of the firm of Robertson, Brooman, and Company, of 166, Fleetstreet, in the city of London, Patent Agents, for an invention of "improvements in the construction and arrangement of multiple gun carriages."-Communicated to him from abroad by Lewis Wells Broadwell, of Vienna, in the Empire of Austria.—Dated 15th February,

385. William Goreham, of Swanscombe, in the county of Kent, for an invention of "improvements in kilns for burning cement and lime."-

Dated 15th February, 1871.

387. Henry Edward Mines, of Cheltenham, in the county of Gloucester, Engineer, and Philip Charles Evans, of Brimscombe, in the same county, Cloth Manufacturer, for an invention of "improvements in apparatus or means for improving and supporting combustion, applicable to steam boiler furnaces."—Dated 15th February, 1871.