2801. To James Anderson, of New-buildings, in the county of Londonderry, Ireland, for the invention of "improvements in obtaining chlorine, sodium, potassium, phosphorus, and

their compounds."

2803. To George Martin, of Toadsmoor, near Stroud, in the county of Gloucester, for the invention of "improvements in the treatment of mixed fabrics, and the extraction of wool therefrom and in the construction of apparatus to be used for such treatment, and for other purposes."

2804. To John Stonehouse Williamson, of Long Hill, West Hartlepool, in the county of Durham, Farmer, for the invention of "an improved apparatus for drying corn, malt, or other similar

substances."

2805. To William Low and John Treadwell, trading under the name and firm of Low and Treadwell, of the Borough, in the county of Surrey, for the invention of "improvements in rivetting the soles of boots and shoes."

2807. To Alfred Bradburn, of Birmingham, in the county of Warwick, Rule Manufacturer, and Samuel Thomas Marsh, of the same place, Rule Maker, for the invention of "improvements

in jointed rules."

2809. To Luke Williams, of Fenchurch-street, in the city of London, for the invention of "an improved combined lift and force pump."—A communication to him from abroad by Stephen Matthews, of the ship "Jumna," in the port of

Calcutta, India.

2810. To John Piddington, Patent Agent, of 53, Gracechurch-street, in the city of London, for the invention of "improvements in pneumatic springs, specially applicable to railway rolling stock."—A communication to him from abroad by Joseph Dauley, Ironmaster, of Aiseaux, in

the Kingdom of Belgium.

2811. And to Nathaniel Fortescue Taylor, of 8, Manby-street, Stratford, in the county of Essex, Gas Engineer, for the invention of "improvements in means or apparatus to be used in impregnating air and aeriform fluids or gases with hydro-carbons, and in burners used in burning the inflammable air obtained, which burners are also applicable when burning other gaseous fluids."

On their several petitions, recorded in the Office of the Commissioners on the 5th day of October,

1867.

2813. To Joseph Smith, of Keighley, in the county of York, Machine Maker, for the invention of "improvements in machinery or appa-

ratus for moulding metal.

2814. To Henry Faulder, of Stockport, in the county of Lancaster, Grocer, for the invention of "improvements in machinery or apparatus for washing and cleaning currants and raisins or other similar fruit."

2815. To Charles John Galloway, of the city of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in

looms for weaving."

2816. To Charles Denton Abel, of No. 20, South-ampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "a new or improved process and apparatus for refining camphor."—A communication to him from abroad by Charles Emile Perret, Chemist, of No. 23, Boulevard de Strasbourg, Paris, in the Empire of France.

2817. To Raoul Paul Faucheux, of Paris, in the Empire of France, but at present residing at Caversham-road, Kentish Town, in the county

of Middlesex, for the invention of "improvements in pipes and cigar tubes."

2819. To David Swan, junior, of Maryhill, in the county of Lanark, North Britain, Spelter Manufacturer, for the invention of "improvements in the manufacture of zinc."
2920. To Henry Trotter, of Buglawton, near

2320. To Henry Trotter, of Buglawton, near Congleton, in the county of Chester, Farmer, for the invention of "improvements in the manufacture and packing of fire-lighters and artificial fuel."

2821. To Thomas Ollis, of Netherfield-road, South Liverpool, in the county of Lancaster, Machinist for the invention of "improvements in registering apparatus applicable to omnibuses

and other vehicles."

2822. And to John Harcourt Brown, of Abbey Mills, Romsey, in the county of Hants, Gentleman, for the invention of "improvements in utilizing refuse animal matters and producing skins and sheets therefrom."

On their several petitions, recorded in the Office of the Commissioners on the 7th day of October,

1867

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 Vict., c. 5, sec. 2, for the week ending the 12th day of October, 1867.

2453. Thomas Brown, of No. 4, Dagmar-road, South Hackney, in the county of Middlesex, Engineer, for an invention of "an improved cap designed for increasing the upward draft of chimneys, and for ventilating ships and buildings."—Dated 6th October, 1864.

2456. Frederick Tolhausen, of 149, Boulevart Magenta, Paris, Civil Engineer and Patent Agent, for an invention of "improvements in apparatus for transmitting signals."—It is a communication from Pietro-Ambjorn Count Sparre, a person resident at Stockholm, Sweden.—Dated 6th October, 1864.

2458. Thomas Turner, junr, of the firm of Turner and Son, Gun Manufacturers and Government Contractors, of Risher-street, Birmingham, in the county of Warwick, for an invention of "improvements in breech loading fire arms, and which said improvements are also applicable for the conversion of muzzle loading fire arms into breech loaders."—Dated 6th October, 1864.

2460. Benedict Margulies, of Trieste, in the Empire of Austria, but now residing at St. Helen's, in the county of Lancaster, Chemist, and John Knowles Leather, of the same place, Manufacturing Chemist, for an invention of "improvements in the manufacture of chromates and bichromates."—Dated 6th October, 1864.

2161. William Anderson, of Dublin, in the Kingdom of Ireland, Engineer, for an invention of improved apparatus for working railway

signals."—Dated 6th October, 1864.

2462. Henry Nelson, of Old Broad-street, in the city of London, Merchant, for an invention of "improvements in machinery for pressing cotton and other meterials."—Communicated to him from abroad by Alexander Forrester Brown, of Madras, in the East Indies.—Dated 6th October, 1864.