

2721. And to Michael Henry, of 84, Fleet-street in the city of London, Patent Agent, for the invention of "improvements in the manufacture of zinc white."—A communication to him from abroad by Alphonse Fallu, of 33, Boulevard Saint Martin, Paris, France.

On their several petitions, recorded in the Office of the Commissioners on the 3rd day of November, 1863.

2722. To James Livesey, of 75, Cannon-street West, and John Edwards, of 29, Basinghall-street, in the city of London, for the invention of "improvements in the permanent way of railways and fastenings for the same."

2724. To Guillaume Ville, of Paris, France, Professor at the Museum of Natural History, for the invention of "improvements in treating natural phosphates of lime for agricultural purposes."

2726. To Edward Hughes, of Bagillt, in the county of Flint, for the invention of "improvements in fans for forcing and exhausting air or other gases."

2727. To Charles Howe, Junior, of the city of New York and United States of America, but now of No. 8, Ludgate-street, in the city of London, for the invention of "improvements in sewing machines."

2730. To Abraham Gillett, of Highway-farm, in the county of Berks, Engineer, for the invention of "improvements in machines for cutting chaff and such like substances."

2732. And to John Hornby Maw, of Broseley, in the county of Salop, Gentleman, for the invention of "improvements in the application of preservative coatings or compositions to the bottoms of ships and vessels."

On their several petitions, recorded in the Office of the Commissioners on the 4th day of November, 1863.

2736. To Jonathan Northrop, of Thornton, near Bradford, in the county of York, for the invention of "an improved apparatus for making fringes."

2737. To Edward Kenworthy Dutton, of Sretford, in the county of Chester, Mechanical Engineer, for the invention of "certain improvements in apparatus for coating or covering the surfaces of rollers or cylinders with leather or other material."

2738. To Thomas Farra, of Manchester, in the county of Lancaster, Salesman to Messrs. Tootal, Broadhurst, Lee, and Compny, for the invention of "certain improvements in 'skirtings' employed as wearing apparel."

2741. To William Proger, of George-street, in the county of Middlesex, Tin Plate Worker, for the invention of "improvements in lanterns and lamps for the same."

2742. To Henry Hancock, of 28, Clayland's-road, Clapham-road, in the county of Surrey, and William Henry Vickers, Junior, of 24, Blackman-street, Borough, in the same county, for the invention of "a new system of fastening for doors, windows, safes, chests, and other similar purposes."

2743. To Joseph Whitworth, of the city of Manchester, in the county of Lancaster, for the invention of "improvements in the treatment and application of steel and homogeneous metal."

2744. To Henry Bessemer, of Queen's-street-place, New Cannon-street, in the city of London, for the invention of "improvements in the manufacture of railway bars."

2745. To Sydney Smith, of Hyson Green Brass Works, near Nottingham, for the invention of

"improvements in safety valves for steam boilers, and in valves and taps for regulating the flow of fluids."

2746. To Henry Bessemer, of Queen's-street-place, New Cannon-street, in the city of London, for the invention of "improvements in the manufacture of malleable iron and steel, and in the apparatus employed in such manufacture."

2747. To Robert Thomas Tait, of No. 10, Essex-street, Strand, in the county of Middlesex, for the invention of "improvements in the manufacture of woollen garments."

2748. To George Speight, of 5, Saint John-street-road, Clerkenwell, in the county of Middlesex, Manufacturer, for the invention of "an improvement in collars and cuffs."

2749. And to Frederick Elsworth Sickels, of New York City, United States of America, but now residing at Bute-street, Brompton, in the county of Middlesex, Engineer, for the invention of "an improved mode of, and apparatus for, steering and turning vessels."

On their several petitions, recorded in the Office of the Commissioners on the 5th day of November, 1863.

2750. To Charles Denton Abel, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in fluid meters."—A communication to him from abroad by Friederich Klingensfeld, of Nürnberg, in the Kingdom of Bavaria, Professor.

2751. To Charles Coates, of Sunnyside, near Rawtenstall, in the county of Lancaster, Engineer, in the employment of Messieurs Butterworth and Brooks, of Sunnyside aforesaid, for the invention of "certain improvements in machinery for printing cotton and other fabrics."

2753. To John Muckart, of Letham Mill, near Arbroath, in the county of Forfar, North Britain, for the invention of "improvements in preserving certain vegetable substances."

2754. To William Davies and George Caté, both of 151, North-street, Old-road, Stepney, in the county of Middlesex, Cork Cutters, for the invention of "improvements in machinery for cutting corks, bungs, gun wads, and other similar articles."

2755. To Charles Henry Southall and Robert Heap, of Staleybridge, in the county of Lancaster, for the invention of "improvements in self acting machinery or apparatus worked by steam or other power for cutting and shaping the soles and heels of boots and shoes, and screwing them on to the uppers or coverings, and also in vices for holding the same, and tools for paring, blacking, and glazing, or otherwise ornamenting the edges of the soles and heels."

2757. To Joseph Severin Guirette, of Paris, in the Empire of France, Doctor of Medicine, for the invention of "an improved inhaling apparatus."

2758. To Joseph Townsend, of Glasgow, in the county of Lanark, North Britain, Manufacturing Chemist, for the invention of "improvements in the manufacture of nitrate of potash."

2759. To Walter Montgomerie Neilson, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in axle boxes."—Partly a communication to him from abroad by Eugene Thétard, of Paris, France, and in part invented by himself.

2761. To Colin Minton Campbell, of Stoke-upon-Trent, Esquire, for the invention of "improvements in apparatus for drying plates and other articles of china and earthenware."