

850. To John Dodd, of Oldham, in the county of Lancaster, Mechanical Engineer, for the invention of "improvements in mules for spinning and doubling."

852. And to John Henry Johnson, of 47, Lincoln's-in-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in spittoons."—A communication to him from abroad by Emile Gabriel Aubry and Claude Joseph Barral, both of Paris, in the Empire of France.

On their several petitions, recorded in the Office of the Commissioners on the 25th day of March, 1865.

862. To Charles Matthews, of Wolverhampton, in the county of Stafford, Iron Merchant, and John Fereday, of the same place, Engineer, for the invention of "improvements in the construction of furnaces for the consumption of smoke."

866. And to John Calvin Thompson and John James Malbourn Green, of Greenwich, in the county of Kent, Engineers, for the invention of "improvements in the construction of railway carriages to facilitate the passage of the guard, or other person, from end to end of the train whilst it is travelling."

On both their petitions, recorded in the Office of the Commissioners on the 27th day of March, 1865.

868. To Joseph Williams, of Birmingham, in the county of Warwick, Electro Plater and Silversmith, for the invention of "an improvement or improvements in ornamenting articles made of glass."

869. To John Norris, junior, of Winchester, in the county of Hants, Hair Dresser, for the invention of "a new or improved apparatus for grooming horses."

870. To James Millar, Manager, and John Laing, Engineer, both in the employment of Messieurs Muir, Brown, and Company, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements relating to apparatus for printing ornamental fabrics."

874. To Alexandre Denis Gascon, of No. 10, Rue de la Fidélité, Paris, in the Empire of France, Gentleman, for the invention of "a new febrifuge and digestive elixir."—A communication from Monsieur Alexandre Gascon, a person resident at Terres, Paris, in the Empire of France.

876. To François Adolphe Mocquard, of No. 10, Rue de la Fidélité, Paris, in the Empire of France, for the invention of "certain improvements in gas burners."

880. To Elliot Savage, of West Meriden, Connecticut, United States of America, Engineer, for the invention of "improvements in hardening and tempering steel."

882. And to Joseph Wright, of the Neptune Forge Chain and Anchor Works, Tipton Green, Dudley, for the invention of "improvements in forging machines."

On their several petitions, recorded in the Office of the Commissioners on the 28th day of March, 1865.

886. To Richard Cardwell Robinson, of No. 25, Cannon-street, in the city of London, for the invention of "improvements in machinery for the cutting of nails, brads, or spikes, and in the conformation of some of such nails and spikes."

888. To Frederick Allen Leigh, of the city of Manchester, in the county of Lancaster, Mechanical Engineer, for the invention of "im-

provements in the construction of bridges and arches."

890. To Alexander Chaplin, of the Adelphi, in the county of Middlesex, Engineer, for the invention of "improved apparatus for the instantaneous lowering and detaching of ships' boats."

892. And to Samuel Childs, junior, of Malcolm Villa, Putney, in the county of Surrey, Candle Manufacturer, for the invention of "an improved method of treating fatty matters."

On their several petitions, recorded in the Office of the Commissioners on the 29th day of March, 1865.

895. To George Greenish, of Harpurhey, in the county of Lancaster, for the invention of "a new or improved arrangement of mechanism for propelling waggons in connection with railway hoists."

899. To William Brookes, of 62, Chancery-lane, in the county of Middlesex, Civil Engineer and Patent Agent, for the invention of "a new or improved mode of rapidly reducing, cementing, and melting iron and other ores, also iron, slag, or cinders, dross, and scales or crust, to produce directly therefrom steel or malleable or cast iron."—A communication to him from abroad by Jean Baptiste Helson, of Hautmont, France, Metallurgist.

901. And to Archibald Turner, of Leicester, Elastic Fabric Manufacturer, for the invention of "improvements in machinery for winding yarns or threads on to quills, spools, and bobbins."

On their several petitions, recorded in the Office of the Commissioners on the 30th day of March, 1865.

903. To William Milner, of the Phoenix Safe Works, in Liverpool, in the county of Lancaster, and Daniel Rowlinson Ratcliff, of the same place, for the invention of "certain improvements in the fastenings to be employed in metallic 'safes,' or other similar depositories."

905. To John Pinchbeck, of Lower Katesgrove House, Reading, in the county of Berks, Civil Engineer, for the invention of "an improvement in engines worked by heated air or gases."

907. To Lang Bridge, of Accrington, in the county of Lancaster, Manufacturer, for the invention of "improvements in looms for weaving."

911. To Benjamin Greenwood, of Cumberland-place, Westbourne-grove North, in the county of Middlesex, for the invention of "improvements in the means or method of curing or preventing smoky chimnies."

913. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improved means of preventing the leakage of barrels, and of rendering packages and fabrics impervious to air and gases."—A communication to him from abroad by Lewis Francis and Cyrus Loutrel, of the city of New York, United States of America.

915. To John Henry Smith, of Bexley Heath, in the county of Kent, Photographer, for the invention of "improved apparatus for mounting photographs."

917. And to James Bathgate, of Edinburgh, in the county of Mid Lothian, North Britain, for the invention of "improvements in gas meters, and in the machinery or apparatus connected therewith."

On their several petitions, recorded in the Office of the Commissioners on the 31st day of March, 1865.