

884. To Clovis Jean, of Paris, Boulevard de Strasbourg, 23, Merchant, for the invention of "an improved weighing cart or carriage for ascertaining the weight of coal, wood, or other wares."

886. And to William Ramsden, John Charles Pearce, and Robert Ayrey, all of Bradford, in the county of York, for the invention of "improvements in apparatus for facilitating the sorting of wool."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of March, 1870.

888. To William Henry Grassam, of Spalding, in the county of Lincoln, Agricultural Implement Maker, for the invention of "improvements in horse hoes."

890. To Joseph Watson, Charles Watson, and George Watson, of the firm of Joseph Watson and Sons, Tallow Chandlers and Candle Makers, of Woodhouse-lane, Leeds, in the county of York, for the invention of "improvements in machinery for making dip candles."

892. To Alfred Dickinson, of Hartshill, Stoke-upon-Trent, in the county of Stafford, and Warren William De La Rue, of Bunhill-row, in the city of London, for the invention of "improvements in bezique markers."

894. To William Dobson, of Stockton-on-Tees, in the county of Durham, for the invention of "improved apparatus for cooling liquids."

896. And to John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in machinery or apparatus for compressing, forming, and extracting moisture from peat, clay, and other materials."—A communication to him from abroad by Thomas Ellis and William Alonzo Ellis, both of Philadelphia, Pennsylvania, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 26th day of March, 1870.

898. To John William Perkins, Chemist, of Arlington Lodge, Herne Hill-road, Brixton, in the county of Surrey, for the invention of "improvements in the manufacture of fulminating compounds."

900. To John Hopkinson, of Lower Town, near Keighley, in the county of York, Spinning Overlooker, and Robert Newton, of Lower Providence Mill, near Keighley aforesaid, Engineer, for the invention of "improvements in or applicable to machinery for spinning and twisting fibrous substances."

902. To William Gray and Thomas Biggin, of St. Philip's Works, Sheffield, in the county of York, Machine Knife Manufacturers, for the invention of "improvements in the manufacture of metal bushes for casks or barrels."

904. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in wrenches."—A communication to him from abroad by George Carpenter Taft, of Worcester, in the State of Massachusetts, United States of America.

906. To William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for the invention of "improvements in anchors."—A communication to him from abroad by Gourney Crow Pattison, of Baltimore, Maryland, United States of America.

908. And to John Storey Davies and Walter Edward Yates, both of Manchester, in the

county of Lancaster, for the invention of "improvements in looms for weaving."

On their several petitions, recorded in the Office of the Commissioners on the 28th day of March, 1870.

910. To Richard Guest Rainforth, of the town of Kingston-upon-Hull, in the county of the same town, Steam Tug Owner, for the invention of "improvements in the means of, and apparatus for, consuming smoke."

912. To Robert Saunders, of Croydon, in the county of Surrey, for the invention of "improved means for rendering watertight dock gates, ships' ports, or other like openings, also applicable to windows, doors, and other like openings."

914. To John Alexander Lund, of the firm of Barraud and Lund, of Cornhill, in the city of London, Manufacturers, for the invention of "improvements in keys for watches and other pocket time-keepers, and in the time-keepers to which they are applied."

916. And to Joseph Holding and James Eccles, both of Manchester, in the county of Lancaster, and William Birch Cooper, of Bowden, in the county of Chester, for the invention of "improvements in 'temples' employed in looms for weaving."

On their several petitions, recorded in the Office of the Commissioners on the 29th day of March, 1870.

920. To Joseph Fennell, of Salford, in the county of Lancaster, Inspector of Nuisances, for the invention of "improved arrangements of privies, closets, and commodes, and also for improvements in the apparatus for removing, emptying, and cleansing the same."

922. To George Clark, of No. 10, Craven-buildings, Drury-lane, in the county of Middlesex, for the invention of "improvements in apparatus, and in the means employed for heating, cooling, or evaporating liquids, and for condensing vapours."

924. To Joseph Cofield, of No. 22, Ravenhurst-street, in the borough of Birmingham, in the county of Warwick, Tool Maker, for the invention of "improvements in fastenings for braces, belts, bands, and straps."

926. To Joel Lister, of the firm of Lister and Knowles, of No. 45, Duke-street Moor, Sheffield, in the county of York, for the invention of "improvements in the manufacture of table knives and forks, butcher's, spear, dagger, bowie, and other knives."

928. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in the production of artificial fuel, and in apparatus to be employed for such purpose."—A communication to him from abroad by the Anthracite Fuel Manufacturing Company, Incorporated, of the city of Philadelphia, in the State of Pennsylvania, United States of America.

930. To Carl Necker, of Berlin, in the Kingdom of Prussia, Merchant, for the invention of "improvements in sewing machines."

932. And to Thomas James Smith, of the firm of Robertson, Brooman, and Company, of 166, Fleet-street, in the city of London, Patent Agents, for the invention of "improvements in machines for reaping and mowing."—A communication to him from abroad by Cyrus Hall McCormick, of Chicago, in the United States of America.

On their several petitions, recorded in the Office