

2758. To Stanley Edmiston, of Charing-cross, in the city of Westminster, India Rubber Manufacturer, for the invention of "improvements applicable to knapsacks and other analogous articles, for the purpose of more conveniently supporting the weight thereof while being carried on the back."

2759. And to Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improved mechanism for driving sewing and other machines."—A communication to him from abroad by Robert Whitehill, of the city and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 17th day of September, 1872.

2760. To John Thomas Wibberley, of Blackburn, in the county of Lancaster, Machinist, for the invention of "improvements in machinery or apparatus for winding cotton, silk, wool, or other threads on spools or reels."

2761. To Bristow Hunt, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, Gentleman, for the invention of "improvements in apparatus for producing ice."—A communication to him from abroad by Robert Riley, of Singapore.

2762. To William Henry Hammond, of High-street, Peckham, in the county of Surrey, for the invention of "improvements in the construction of busks or fastenings for stays or corsets."

2763. To Edward John Cowling Welch, of Liverpool, in the county of Lancaster, Civil Engineer, for the invention of "improvements in the construction of apparatus for straining and winding wire for fencing and other purposes."

2764. To William Osborn, of Stepney, in the county of Middlesex, for the invention of "an improvement in certain kinds of locks."

2765. To George Read, of Deal, in the county of Kent, Chief Officer in the Coast Guard Service, and John James Nickoll, of South Hill House, Gravesend, Gentleman, for the invention of "an improved method of, and apparatus for, signalling, applicable to use in ships or on land."

2766. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in the preparation of explosive compounds."—A communication to him from abroad by Johan Henrick Norrbin and Johan Ohlsson, both of Stockholm, in the Kingdom of Sweden.

2767. To Joseph Mitchell, of Sheffield, in the county of York, Engineer, and William Edward Newton, of Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in machinery for the manufacture of railway and other carriage springs."

2768. To Louis Heinemann, of Mildmay Park, Islington, in the county of Middlesex, Commercial Agent, and Marks Leopold Müller, of Harrington-street, Hampstead-road, in the said county, Watchmaker, for the invention of "improvements in apparatus for composing type."

2769. To James Abraham Cox, of No. 9, Margaret-terrace, Paddington-green, in the county of Middlesex, Wholesale Licensed Victuallers' Glass and China Manufacturer, for the invention of "a new method of providing a means of affixing the Government stamps to licensed victuallers' and other glasses used for the sale of malt and other liquors."

2770. To Absalom Elijah Webb, of Jamaica-street, Stepney, in the county of Middlesex, for the invention of "a process of treating oils, spirits, and fatty matters, whereby they are rendered disinfecting and deodorizing during the combustion thereof, and by which the said oils are purified."

2771. And to Isac Louis Pulvermacher, of 168, Regent-street, in the county of Middlesex, Electrical Engineer, for the invention of "improvements in electro-conducting and electro-generating apparatus or appliances for medicoelectric and other purposes, and in apparatus for measuring and graduating electric currents." On their several petitions, recorded in the Office of the Commissioners on the 18th day of September, 1872.

2772. To John William Gray, of 23, Billiter-street, in the city of London, Consulting Engineer and Patent Agent, for the invention of "an improved explosive compound."—A communication to him from abroad by Jesse Hall, of Peckham, in the county of Surrey, England, but at present residing at 271, Place d'Armes, in the Department of Pas de Calais, in the Republic of France.

2773. To Thomas Lowe, of Bolton, in the county of Lancaster, for the invention of "improved apparatus for facilitating breathing in impure atmospheres."

2774. To Walter Edes, of Edinburgh, in the county of Mid-Lothian, North Britain, for the invention of "improvements in steam boilers."

2775. To George Harry Rippin and Ernest Charles Rippin, both of Stoke Newington, in the county of Middlesex, for the invention of "certain improvements in mechanism or apparatus to be employed in the processes of preparing, spinning, and weaving cotton or other fibrous substances."

2776. To George Keighley, of Burnley, in the county of Lancaster, Machine Maker, for the invention of "improvements in looms for weaving."

2778. To Ebenezer Thornton, of Bradford, in the county of York, Ironmonger and Hot Water Engineer, for the invention of "improvements in cooking apparatus for kitchen ranges."

2779. To Alexander Colvin Fraser, of 41, Clarence-road, Finsbury Park, London, Civil Engineer, for the invention of "improvements applicable to retorts for the manufacture of gas."

2781. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in button-hole sewing machines."—A communication to him from abroad by Amos Lawrence Wood, of Boston, Massachusetts, United States of America.

2782. To George Hand Smith, of the city and State of New York, United States of America, now of No. 8, Southampton-buildings, London, for the invention of "an improved method of treating brick, porous stone, and other like materials to increase their hardness, durability, and impermeability."

2785. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in apparatus for propelling vessels."—A communication to him from abroad by Marie Charles Frédéric Chailan de Moriès, of Paris, France.

On their several petitions recorded in the Office of the Commissioners on the 19th day of September, 1872.