

3135. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E. C., Patent Agent, for the invention of "improvements in breech-loading fire-arms."—A communication.

3137. And to Alphonse René le Mire de Normandy, of Judd-street, Brunswick-square, in the county of Middlesex, Analytical Chemist, for the invention of "improvements in apparatus used for distilling sea water on board ships and vessels."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of December, 1857.

3139. To Arthur Challis Kennard, of the Falkirk Iron Works, in the county of Stirling, North Britain, for the invention of "improvements in trussed iron bridges."—A communication.

3141. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, and of 166, Buchanan-street, in the city of Glasgow, North Britain, Gentleman, for the invention of "an improved signal apparatus to be attached to common road carriages."—A communication from Louis François Clément Bréguet, of Paris, in the Empire of France, Clock Maker.

2143. To Orlando Greenhalgh, of Horwich, in the county of Lancaster, Manager, and Robert Hutchinson, of the same place, Mechanic, for the invention of "improvements in apparatus for stirring and mixing colours for calico printing and other purposes."

3145. And to George Bridge, of Bollington, near Macclesfield, in the county of Chester, Manager, and Job Hamer, of Longsight, near Manchester, in the county of Lancaster, Mercantile Clerk, for the invention of "a new process or manufacture for converting woven silken fabrics or silk waste into a fibrous material fit for being spun into yarn or thread, or for being mixed with silk, woollen, cotton, or any other material to be spun into yarn or thread, and of improvements in machinery to be employed in such process or manufacture."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of December, 1857.

3146. To Daniel Jones Crossley, of Hebden Bridge, in the county of York, Manufacturer, for the invention of "improvements in the manufacture of certain textile fabrics, called Pellones, and used for saddle covers, and in the machinery or apparatus employed therein, which improvements are also applicable for weaving other fabrics."

3147. To Thomas Landi, of 16, Rue de Boulevard, Batignoles, in Paris, and Charles Falconieri, a Civil Engineer, of No. 20, Charles-street, Middlesex Hospital, in London, both native of Sicily, for the invention of "improvements for laying subaqueous electrical cables for telegraphic communications."

3149. To Christopher Nugent Nixon, of Ramsgate, in the county of Kent, Gentleman, for the invention of "improvements in attaching, fitting, and securing the rudders of ships, barges, boats, and every other description of sailing or steam vessel."

3151. To Joshua Moss, Thomas Gamble, and Joseph Gamble, all of Sheffield, in the county of York, Steel Manufacturers, for the invention of "an improvement in the manufacture of cast steel hoops and cylinders."

3153. And to Charles Norton, 3, Lancaster-place, Camden-street, Camden Town, for the inven-

tion of "carriage door shields, to prevent accidents arising from the shutting of railway or other carriage doors, also applicable for nursery doors or any other doors where children may have access, or where safety from accident may be an object."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of December, 1857.

3155. To George White, of 5, Lawrence Pountney-lane, Cannon-street, in the city of London, for the invention of "a semio-melodion or instrument for demonstrating musical writing."—A communication from Mr. Armin Früh of Vienna (Austria).

3156. To Charles Reeves, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in repeating or revolving fire arms."

3157. To Samuel Henry Adderley, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in the manufacture and ornamentation of pencil cases, penholders, reserves or cases for leads, needle cases, and ink-holders and other tubular cases."

3158. To Thomas Playle, of Chatham, in the county of Kent, Coach Builder, for the invention of "improvements in two-wheeled carriages."

3159. To George Croft of Lees-street, Keighley, in the county of York, Mechanic, and Smith David Steel, of Greengate Mills, in the parish of Keighley, in the said county of York, Manager, for the invention of "improvements in machinery or apparatus for combing and preparing wool and other fibrous substances."

3161. To George Burley, of King Cross-road, near Halifax, in the county of York, Mechanic, for the invention of "improvements in apparatus for cutting the pile of fustians and other pile fabrics."

3162. To Henry Charles Fenwick Wilson and Thomas Green, both of Dunston, in the county of Durham, for the invention of "a machine or apparatus for making rivets."

3163. To Henry Charles Fenwick Wilson and Thomas Green, both of Dunston, in the county of Durham, for the invention of "improved machinery or apparatus for making rivets."

3164. And to Benjamin Burleigh, of No. 26, Great George-street, Westminster, and Frederick Ludwig Danchell, of No. 452, Oxford-street, in the county of Middlesex, for the invention of "certain improvements in the manufacture of vessels, plates, or utensils, used for domestic, sanitary, electric, and manufacturing purposes."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of December, 1857.

3165. To Alexander Chaplin, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in steam engines, and in the combustion of fuel."

3166. To Antonio Ribeiro Saraiva, of Portugal, but now of Nottingham-street, Marylebone, Gentleman, for the invention of "an improved candlestick or holder."

3167. And to Charles Frederick Parsons, of No. 1, Duke-street, Long-alley, Finsbury, in the county of Middlesex, Engineer, for the invention of "cleansing and reburning animal charcoal."

On their several petitions, recorded in the Office of the Commissioners on the 26th day of December, 1857.