

2050. To William Gossage, of Widnes, in the county of Lancaster, Chemist, for the invention of "an improved method of and apparatus for decomposing chloride of sodium and chloride of potassium for the production of compounds of soda and potassa."

On his petition, recorded in the Office of the Commissioners on the 18th day of July, 1862.

2058. To Andrew Betts Brown, Engineer, of Castle Farm, Stockport, in the county of Cheshire, for the invention of "improvements in steam engines and boilers."

On his petition, recorded in the Office of the Commissioners on the 19th day of July, 1862.

2092. To John Jay Haley, of South Dedham, State of Massachusetts, United States of America, now residing at No. 7, King-street, Cheapside, in the city of London, Merchant, for the invention of "an improved machine for wringing clothing and other woven fabrics," partly his own invention, and partly the result of a communication to him from abroad by William Rhoads, of South Dedham aforesaid.

On his petition, recorded in the Office of the Commissioners on the 22nd day of July, 1862.

2096. To Alphonse Vignon, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, Major in the Corps of Engineers, in the Empire of France, for the invention of "improvements in the means and apparatus for extinguishing fires, either on land or water," the result partly of a communication made to him from abroad by François Carlier, Doctor of Medicine, residing at Boulogne on Seine, in the Empire of France, and partly of an invention and discovery made by himself.

On his petition, recorded in the Office of the Commissioners on the 23rd day of July, 1862.

2112. To James Anderson, of Allan Bank, near Braco, in the county of Perth, North Britain, Starch Manufacturer, for the invention of "improvements in separating gluten from starch, and in preparing gluten for food."

2114. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "an improved apparatus for decanting wine."—A communication to him from abroad by Mr. Joseph Nicolas Montain Liépard, of 29, Boulevard St. Martin, Paris, Locksmith.

2118. To Ebenezer Comfort, of Richmond-terrace, Grosvenor-park, Camberwell, in the county of Surrey, for the invention of "improvements in watch-protectors."

2120. And to Ephraim Tysall, of Riding House-street, Portland-place, in the county of Middlesex, Electro Plater, for the invention of "an improved manufacture of fork."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of July, 1862.

2122. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "an improved mode of attaching armour plates to ships."—A communication to him from abroad by Thomas Shaw, of the city and county of Philadelphia, State of Pennsylvania, United States of America.

2124. To Jasper Henry Selwyn, of Woodland Craig, Grassmere, in the county of Westmoreland, Captain in the Royal Navy, for the invention of "improvements in apparatus employed in paying out and raising electric telegraph cables."

2126. And to Robert Low and William Duff, of Dundee, in the county of Forfar, North Britain, Brassfounders, for the invention of "improvements in apparatus or means for producing an adjustable pressure on certain parts of machinery."

On their several petitions, recorded in the Office of the Commissioners on the 26th day of July, 1862.

2123. To Henry Bollinger, of the Teesdale Iron Works, Stockton-on-Tees, in the county of York, Engineer, for the invention of "improvements in machines employed in ship building, part of which are also applicable to other purposes."

2136. To Alfred Noble, of Bristol, in the county of Gloucester, Analytical Chemist, for the invention of "improvements in obtaining and treating compounds of alumina."

2138. To John Ellis, of Witham, in the town or borough of Kingston-upon-Hull, in the county of the same town or borough, Corn Factor and Dryer, for the invention of "improvements in apparatus for washing corn and other grain."

2140. And to Henry Hedgely, of Great College-street, Camden Town, in the county of Middlesex, for the invention of "improvements in lamps."

On their several petitions, recorded in the Office of the Commissioners on the 28th day of July, 1862.

2148. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, for the invention of "an improved process of refining the slag from blast, puddling, and other furnaces, and the employment of the refined material for mortar, stones, slabs, ornaments, and other similar articles."—A communication to him from abroad by Emil Langen, of Siegburg, in the Kingdom of Prussia.

2150. And to James Norris, of the firm of Messrs. Charles Jeakes and Company, Great Russell-street, Bloomsbury, in the county of Middlesex, for the invention of "improvements in the arrangement or construction of ovens."

On their several petitions, recorded in the Office of the Commissioners on the 29th day of July, 1862.

2156. To George Nock, of Brierley Hill, in the county of Stafford, Steel and Iron Manufacturer, for the invention of "a new or improved safety or moveable self acting crossing for railways."—A communication to him from abroad by Joseph Wood, of Jersey City, New Jersey, in the United States of America.

2158. To William Edward Gedge, of the firm of John Gedge and Son, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "improved means or apparatus for securing the safety of trains moving on railways."—A communication to him from abroad by Louis Eugène Jamet and Paul Jamet, both of No. 15, Passage des Petites Ecuries, Paris, France.

2160. To Benjamin Bailey, of Leicester, Machinist, for the invention of "improvements in means or apparatus for cutting chaff and other vegetable matters, which improvements are also applicable to cutting or mowing short or lawn grass."

2164. To George Henry Birkbeck, of the firm of Tongue and Birkbeck, of 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agents and Engineers, for the invention of "improvements in the means