

Merchant, for the invention of "improvements in obtaining purified or refined oils, and in obtaining oil cakes from cotton seed and other vegetable substances, also in refining or purifying cod liver oil."

3116. And to George Tomlinson Bousfield, of Loughborough-park, Brixton, in the county of Surrey, for the invention of "improvements in the manufacture of india-rubber and gutta-percha compounds."—A communication to him from abroad by Thomas Mayall, a person resident at Roxburgh, in the State of Massachusetts, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 10th day of December, 1863.

3118. To Edmund Darwen, of Birmingham, in the county of Warwick, Merchant, and John Haddon, of Birmingham aforesaid, Machinist, for the invention of "improvements in machinery for the manufacture of nails and rivets."
3120. To James Bullough, of Accrington, in the county of Lancaster, Manufacturer, for the invention of "improvements in looms for weaving."
3122. To Charles Seaton, of Queen-street, May Fair, in the county of Middlesex, Gentleman, for the invention of "improvements in the permanent way of railways."
3124. To Alexander Epps, of Chilham, in the county of Kent, Builder, for the invention of "improvements in malt and hop kilns, which improvements are partly applicable to the ventilation and warming of buildings, and to the drying of various substances."
3126. To Thomas Webb, of Smallwood Manor, Utttoxeter, in the county of Stafford, for the invention of "improvements in engines for hauling agricultural implements, and also in traction engines."
3128. To Nicholas Walton, of Manchester, in the county of Lancaster, for the invention of "improvements in washing, wringing, and mangling machines."
3130. To John Cliff, of the Imperial Potteries, Lambeth, in the county of Surrey, for the invention of "improvements in lamps for burning hydro-carbons."
3132. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in the manufacture of nuts."—A communication to him from abroad by Jean François Fuzellier Leger, residing at Nouzon, France.
3134. And to Edwin Ullmer and William Ullmer, both of Castle-street, in the city of London, Printing Machine Manufacturers, for the invention of "improvements in cylinder printing machines."

On their several petitions, recorded in the Office of the Commissioners on the 11th day of December, 1863.

3136. To Thomas Clayton, of the city of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in generators for making gas from volatile fluids."
3140. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in steam engines."—A communication to him from abroad by Victor Barbier, residing at Montbelliard, France.
3142. To John Henry Johnson, of 47, Lincoln's inn-fields, in the county of Middlesex, Gentle-

man, for the invention of "improvements in raising sunken vessels, and other submerged weights, and in preventing the sinking of vessels in case of accident at sea, and in the apparatus employed therein."—A communication to him from abroad by James McLeod, of the city of Montreal, in the Province of Canada, Master Mariner.

3145. To John Platt, of Oldham, in the county of Lancaster, Mechanical Engineer, and William Richardson, of the same place, Mechanical Engineer, for the invention of "improvements in the preparation of clay for the manufacture of bricks, tiles, and other articles which may be made of such material."

3146. And to Walter Thomas Whitmore Jones, of No. 22, Holles-street, in the county of Middlesex, for the invention of "improvements in apparatus to be applied to lamps."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of December, 1863.

3150. To Charles Stewart, of Dundee, in the county of Forfar, North Britain, Boot and Shoe Maker, for the invention of "improvements in making boots and shoes."
3152. To John Wright, of Marple, near Stockport, in the county of Chester, for the invention of "improvements in the manufacture of superphosphate of lime."
3154. To Eugène Rascol, of No. 4, Brydges-street, Covent-garden, in the county of Middlesex, for the invention of "improvements in the manufacture of glass."—A communication to him from abroad by M. Tony Petitjean, of Geneva, Switzerland, Chemist.
3156. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in ships' cooking and distilling apparatus."—A communication to him from abroad by Auguste Cardinal, junior, of Nantes, France.
3157. To Samuel Edwards, of Birmingham, in the county of Warwick, Pearl Grinder, for the invention of "improvements in grinding pearl, and which said improvements are also applicable for grinding other materials."
3158. To Benjamin Fothergill, of 27, Cornhill, in the city of London, Consulting Engineer, for the invention of "improvements in machinery or apparatus for combing wool and other fibrous substances."
3160. And to William Thornthwaite, of Newgate-street, in the city of London, Analytical Chemist, for the invention of "improvements in the manufacture of chromate of potash, chromate of soda, and other salts of chrome and soda and potash."

On their several petitions, recorded in the Office of the Commissioners on the 14th day of December, 1863.

3163. To Victor Obert, of No. 63, Rue Meslay, in the city of Paris, in the Empire of France, Merchant, for the invention of "a new toy, being a mechanical wooden horse."
3164. To Ludwig Nobel, of St. Petersburg, Russia, and of South-street, Kennington, in the county of Surrey, Engineer, for the invention of "improvements in the manufacture and strengthening of guns, hydraulic press, and other cylinders."
3166. To James Davidson, of Woolwich, in the county of Kent, Mechanical Engineer, for the invention of "improved machinery for manufacturing casks."