

partly of invention and discovery made by themselves.

On their petition, recorded in the Office of the Commissioners on the 29th day of April, 1863.

1090. To Edward Mitchell, of Cams Alders Lodge, Fareham, in the county of Hampshire, for the invention of "improvements in reaping and mowing machines."

On his petition, recorded in the Office of the Commissioners on the 30th day of April, 1863.

1098. To William Grindley Craig, of Cannon-street, in the city of London, Engineer, for the invention of "improvements in feed apparatus for steam boilers."—A communication to him from abroad by Michel Turck, of Paris, France.

On his petition, recorded in the Office of the Commissioners on the 1st day of May, 1863.

1100. To Titus Lucretius Bissell, of Charleston, in the State of South Carolina, North America, for the invention of "an improved apparatus for charging breech-loading cartridges."

1102. To John William Gibson, of 31, Lower Ormond Quay, Dublin, and William Turner, of Hammersmith Iron Works, Dublin, for the invention of "improvements in springs to be used for railway buffers, drawhooks, and also for carrying springs of railway carriages and other vehicles."

1104. To James Purdey, of Oxford-street, in the county of Middlesex, Gun Manufacturer, for the invention of "improvements in breech loading fire arms."

1106. And to Jean Baptiste Dubreuil, of Paris, Rue du Faubourg Saint Denis, No. 108, Gentleman, for the invention of "improvements in carts, waggons, and other vehicles."

On their several petitions, recorded in the Office of the Commissioners on the 2nd day of May, 1863.

1112. To Bevan George Sloper, of Walthamstow, in the county of Essex, Engineer, for the invention of "improvements in apparatus for separating metals from earthy and other matters mixed with them."

1114. And to Frank Applegate, of Bradford on Avon, in the county of Wilts, Woollen Manufacturer, for the invention of "improvements in spring balances and pressure gauges."

On both their petitions, recorded in the Office of the Commissioners on the 4th day of May, 1863.

1118. To Edwin Chesshire, of Birmingham, in the county of Warwick, Surgeon, for the invention of "improvements in apparatus for intercepting the solid portions of the soil of water closets."

1120. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "a new fabric suitable for trimmings."—A communication to him from abroad by Jacques Desprez and Georges Montailié, both of Paris, France.

1122. To Peter Bradshaw, of Earls Barton Mills, in the county of Northampton, for the invention of "improvements in mounting or hanging mill-stones for grinding grain and other substances."

1124. To William Glover, of South Shields, in the county of Durham, Ship Chandler, for the invention of "improvements in means or apparatus to facilitate the steering of ships and other vessels."

1126. And to Samuel Beach Cochran, of 48, Fleming-road, Kennington, in the county of Surrey, Machinist, for the invention of "im-

provements in sewing machines, and in apparatus connected therewith."

On their several petitions, recorded in the Office of the Commissioners on the 5th day of May, 1863.

1128. To James Townsend Ward, of Swansea, in the county of Glamorgan, Carriage Builder, for the invention of "improvements in carriages."

1130. To Samuel Hibbert, Shopkeeper, John Lawton, Smith, and James Kay, Agent, all of Manchester, in the county of Lancaster, for the invention of "certain improvements in apparatus for cleansing potatoes, and in decorticating the same and other esculent roots."

1134. To Thomas Beesley, of Symond's-inn, in the county of Middlesex, Wine and Beer Merchant, for the invention of "improvements in the construction of boxes or cases for carrying and packing bottles."

1136. And to Charles Wilkinson Atkinson, of No. 34, Montague-place, Russell-square, in the county of Middlesex, Engineer, for the invention of "an improved steam or other motive power engine."

On their several petitions recorded in the Office of the Commissioners, on the 6th day of May, 1863.

1138. To James Park, of Bury, in the county of Lancaster, Engineer, for the invention of "improvements in communicating motion to machinery for manufacturing paper pulp."

1140. To Peter Bourne, of Whitehaven, in the county of Cumberland, Colliery Viewer, for the invention of "improvements in miners' lamps."

1142. To Alfred Stanley, of Walsall, in the county of Stafford, Covered Buckle Manufacturer, for the invention of "certain improvements in the mode of finishing clasps and other such like metallic connectors, and which said mode of finish is also applicable for other purposes."

1144. And to Thomas Small, of Bargate, Boston, Lincolnshire, for the invention of "improvements in motive power machinery."

On their several petitions, recorded in the Office of the Commissioners on the 7th day of May, 1863.

#### PATENTS WHICH HAVE BECOME VOID.

**A** LIST of the Letters Patent for Inventions which have become void by reason of the non-payment of the additional Stamp Duty of £50, before the expiration of the third year from the date of such Patents, pursuant to the Act of the 16th Vic., c. 5, sec. 2, for the week ending the 9th day of May, 1863.

1114. Michael Henry, of 84, Fleet-street, in the city of London, Patent Agent, for an invention of "improvements in the mode of and apparatus for propelling, turning, and changing the direction of ships, balloons, and other bodies."—A communication to him from abroad by Louis Coignard, of 33, Boulevard St. Martin, Paris, Artist.—Dated 3rd May, 1860.

1115. George Davies, of No. 1, Searle-street, Lincoln's-inn, in the county of Middlesex, and No. 28, St. Enoch-square, in the city of Glasgow, Civil Engineer and Patent Agent, for an invention of "improvements in the manufacture of boots, shoes, and other coverings for the feet, and in apparatus connected with such manufacture."—A communication to him from abroad by Alexandre Joseph Duchatel, of Paris, France.—Dated 3rd May, 1860.