

3111. To Lawrence Moses Jacob, of Birmingham, in the county of Warwick, Manufacturer's Clerk, for the invention of "an improvement or improvements in the manufacture of pendants, lockets, studs, brooches, buttons, and other similar dress fastenings and ornaments."

3113. To William Howitt, of Ilford, in the county of Essex, for the invention of "improvements in the construction of the roofs of horticultural and other buildings and structures."

3115. And to Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improvements in the manufacture of manure."—A communication to him from abroad by Pierre Hippolyte Tessier, Guillaume Etienne Honoré Henri Tessier, and Pierre Charles Tessier, all of Paris, in the Republic of France.

On their several petitions, recorded in the Office of the Commissioners on the 17th day of November, 1871.

3120. To Ephraim Death and John Ellwood, both of Leicester, in the county of Leicester. Engineers and Copartners, for the invention of "improvements in scutching wheels."

3121. To Thomas Bispham Kay, of Bolton le Moors, in the county of Lancaster, Engineer, for the invention of "improvements in machinery for combing and preparing cotton and other fibrous materials."

3123. To Philip Morris and Simon Magnus Davis, both of New Bond-street, in the county of Middlesex, for the invention of "improved means for raising, lowering, and holding 'german tinder' in cigarette, match, or other like cases."

3124. To Thaddeus Hyatt, of Gloucester-gardens, Hyde Park, in the county of Middlesex, for the invention of "improvements in the construction of fire proof buildings and in the appliances to be employed therein."

3126. To John Garrett Tongue, of the firm of Tongue & Birkbeck, Patent Agents and Engineers, of 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "improvements in the production of variegated or mixed colored threads, suitable for the manufacture of fabrics of a novel character."—A communication to him from abroad by Guillaume Meynier, of Paris, France, Merchant.

3129. And to Hesketh Hughes, of Homerton, in the county of Middlesex, Engineer, for the invention of "improvements in apparatus for rotating shafts, rods, and screw and spur geared machinery or appliances in general."

On their several petitions, recorded in the Office of the Commissioners on the 18th day of November, 1871.

3132. To Joseph Willoughby, of Plymouth, in the county of Devon, Engineer, and Samuel Willoughby, of Stonehouse, in the said county, Engineer, for the invention of "improvements in the construction of corn and seed drills and manure distributors."

3133. To Francis Robert Baker, of Leamington, in the county of Warwick, Vulcanite Manufacturer, for the invention of "improvements in the manufacture of pens."

3134. To George Jones, of Dudley, in the county of Worcester, Iron Master, and Edward Griffin Jones, of Dudley aforesaid, Iron Master, for the invention of "improvements in hot blast stoves or furnaces used in the manufacture of iron."

3135. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "an improvement in hoisting apparatus."—A communication to him from abroad by Charles Rollin Otis and Norton Prentiss Otis, both of Yonkers, in the State of New York, United States of America.

3136. To Thomas Perry Bromage, of 79, Cambridge-street, Pimlico, London, for the invention of "improvements in flutes."

3137. To Samuel Wilkerson the younger, of Basingbourn, in the county of Cambridge, for the invention of "improved apparatus or mechanism for raising, shooting, and emptying and filling sacks or similar receptacles."

3138. And to William Henry Chase, 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, and composition for, treating paper and fibrous materials, to increase their strength and pliability."

On their several petitions, recorded in the Office of the Commissioners on the 20th day of November, 1871.

3141. To Henry Simon, of No. 7, St. Peters-square, Manchester, in the county of Lancaster, for the invention of "improvements in metallic springs, and in the mode of, and apparatus for adapting them to various purposes."—A communication to him from abroad by Alfred Egan, of Pest, in the Kingdom of Hungary.

3143. To James Hall, of the town and county of Newcastle-on-Tyne, Thomas Gibb, of Jarrow-on-Tyne, in the county of Durham, and Charles Gelstharp, of the same place, for the invention of "improvements in the manufacture of soda and potash, and of the carbonates thereof."

3144. To Joseph John Perry, of the firm of James Perry and Company, of No. 37, Red Lion-square, in the county of Middlesex, Steel Pen Manufacturers, for the invention of "improvements in the manufacture of metallic boxes for holding pens, dress pins, hair pins, matches, and other small articles."

3145. To Joseph Musson Wilders, of Croxton-Kerrial, in the county of Leicester, Farmer, for the invention of "improvements in the feeding of steam thrashing machines, and in the machinery or apparatus employed therein."

3146. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, for the invention of "an improved process for printing on enamelled or vitreous surfaces."—A communication to him from abroad by Samuel James Hoggson, of New Haven, county of New Haven, State of Connecticut, United States of America.

3147. To James Dodge, of Eccles, in the county of Lancaster, Engineer, for the invention of "improvements in steam generators and engines."

3149. To John Widgery, of Plumstead, in the county of Kent, Tin Plate Worker, for the invention of "improvements in metal cans, cases, and boxes."

3150. To John Holmes Bass, of No. 6, Featherstone-street, in the city of London, for the invention of "improvements in vessels for making coffee and other infusions."

3151. To John Joseph Millard, of Francis-terrace, Victoria Park, in the county of Middlesex, for the invention of "improvements in taps or apparatus to be employed in bottling liquids."