

73. To William George Cunningham, of Stonehouse, in the county of Devon, Esquire, for the invention of "a machine or apparatus for cleaning and polishing boots and shoes."
On his petition, recorded in the Office of the Commissioners on the 10th day of January, 1870.
81. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in apparatus for puddling iron, applicable also as tuyeres for metallurgical furnaces generally."—A communication to him from abroad by Auguste Ponsard, of Paris, in the Empire of France.
On his petition, recorded in the Office of the Commissioners on the 11th day of January, 1870.
97. And William Henry Balmain and William Jones Menzies, both of St. Helen's, in the county of Lancaster, for the invention of "improved means for conveying and storing vitriol."
On his petition, recorded in the Office of the Commissioners on the 12th day of January, 1870.
109. To Joseph Cross, of Whitehaven, in the county of Cumberland, for the invention of "improvements in the construction of the frames of umbrellas and parasols."
115. To Albert Bernard Zieschang and Frederick Louis Hugo Schmidt, both of No. 46, Nicholas-street, St. Peter's-road, in the county of Middlesex, for the invention of "improvements in breech loading fire arms."
117. And to William Thornley, of Little Lever, in the county of Lancaster, Agent, Samuel Spencer, of Prestolee, in the same county, Engineer, and Joseph Wright, of Gresford, in the county of Denbigh, North Wales, Engineer, for the invention of "improvements in steam boiler and other furnaces."
On their several petitions, recorded in the Office of the Commissioners on the 13th day of January, 1870.
118. To James Leetch, of Broadly-terrace, Blandford-square, in the county of Middlesex, for the invention of "improvements in apparatus for effecting communication between the different parts of a railway train in motion."
120. To Edward Cottam, of Wimbledon, in the county of Surrey, for the invention of "improvements in pipes for smoking."
121. And to William Sinton, of Jedburgh, in the county of Roxburgh, North Britain, for the invention of "improvements in churns."
On their several petitions, recorded in the Office of the Commissioners on the 14th day of January, 1870.
124. To James Wadsworth, of the city of Manchester, Machinist, for the invention of "improvements in the construction of steam and other boilers, and in apparatus used therewith, for economising heat, condensing steam, and saturating heated air."
125. To Murray Anderson, of Camden Town, in the county of Middlesex, Contractor, for the invention of "improved apparatus for preventing the downward draught in chimnies."
126. To William Francis Reynolds, of 16, Albert-square, Commercial-road, in the parish of Ratcliff, in the county of Middlesex, Nautical Instrument Maker, for the invention of "improvements in ship logs and sounding machines, and in the rotators thereof."
127. To John Watson, of Oldham, in the county of Lancaster, for the invention of "improvements in the feed-motion of sewing machines."
128. To Thomas Robert Hay Fiskens, of 2, Hanover-place, Leeds, in the county of York, Engineer, for the invention of "improvements in machinery for breaking and softening flax and other fibrous materials, which improvements are also applicable to calendering rollers and other purposes where a combined reciprocating rotary motion can be employed."
132. To Edwin Grundy Wrigley, of Broadoaks, Bury, in the county of Lancaster, for the invention of "improvements in rag machines."
133. To Francis George Fleury, of Merrick-square, Southwark, in the county of Surrey, Engineer, for the invention of "improvements in apparatus for drawing or raising and forcing liquids."
134. And to Gerhard Lampen, of Wylam, in the county of Northumberland, Shot Manufacturer, for the invention of "improvements in the manufacture of shot and in apparatus employed therein."
On their several petitions, recorded in the Office of the Commissioners on the 15th day of January, 1870.
136. To Thomas Taylor, of Pilsworth, in the county of Lancaster, Engineer, for the invention of "improvements in apparatus for the prevention of smoke in steam boiler and other furnaces."
137. To Frederick Samuel Lines, of Birmingham, in the county of Warwick, Painter and Grainer, for the invention of "improvements in ornamenting surfaces."
138. To George Baker, of Bellefield, Birmingham Heath, in the borough of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in machinery for cutting splints for matches and other purposes."
139. To Alfred Beale Rocke, of 180, Upper Thames-street, in the city of London, Merchant, for the invention of "improvements in knobs and spindles for door locks and similar fastenings."
140. To Alfred Robert Gibbons, of Old Change, in the city of London, Buyer, and Anthony Umbach, of Sebbon-street, in the county of Middlesex, Mechanic, for the invention of "improvements in machinery or apparatus for ornamenting or embroidering fabrics."
141. And to Thomas Peard, of the firm of Hart, Son, Peard, and Co., of Wych-street, in the county of Middlesex, and James John Castle and Isaac Holmes, both in the employ of the said firm, for the invention of "improvements in the apparatus for adjusting and securing the knobs or handles of locks, latches, and other fastenings."
On their several petitions, recorded in the Office of the Commissioners on the 17th day of January, 1870.
144. To Westley Richards, of Birmingham, in the county of Warwick, for the invention of "improvements in breech loading fire arms and cartridges."
145. To Henry Bernoulli Barlow, of Manchester, in the county of Lancaster, Patent Agent, for the invention of "improvements in machines for sizing yarn."—A communication to him from abroad by William Lancaster, of Cannstadt, in the Kingdom of Wurtemberg.
147. To Hiram Haines, of Liverpool, in the county of Lancaster, Civil Engineer, for the invention of "improvements in the manufacture of lead-encased tin pipes, and in apparatus employed in such manufacture."