

3168. To Henry Chadwick, of Topsham, in the county of Devon, Manufacturing and Analytical Chemist, and John Clench, of the city of Exeter, Accountant, for the invention of "improvements in utilising the waste liquors resulting from the preparation of fibrous matters in paper pulp making, and in the machinery or apparatus to be used therein."
3169. To Axel Stärck, of No. 27, Leadenhall-street, in the city of London, for the invention of "improvements in the manufacture of paper from a material not hitherto used for that purpose."—A communication to him from abroad by Matthew Carter, a person resident at Barcelona.
3170. And to Charles James Robinson, of Walmer-buildings, Water-street, Liverpool, Merchant, for the invention of "improvements in pressing cotton and other fibrous substances into bales, and in apparatus to be used for this purpose."—A communication to him from abroad by George Brunton, a person resident at Cochín, in the East Indies.

On their several petitions, recorded in the Office of the Commissioners on the 15th day of December, 1863.

3172. To John Miller Bryden, of Edinburgh, Glasgow, and Perth, North Britain, Window Blind-Maker, for the invention of "improved apparatus for painting venetian blinds."
3173. To John Mayo Worrall, of Ordsall, Salford, in the county of Lancaster, Dyer and Finisher, for the invention of "certain improvements in apparatus or mechanism for producing a superior finish upon woven fabrics, which is more particularly applicable to those termed 'beaverteens' or 'imperials.'"
3174. To John Sellars, of the city of Manchester, in the county of Lancaster, Manufacturing Chemist, for the invention of "an improved preparation of food for cattle."
3176. To Edward Richards Hollands, of No. 12, Ray-street, Clerkenwell, in the county of Middlesex, for the invention of "improvements in portable hydraulic punching apparatus."
3178. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in apparatus for working railway signals, and for raising and lowering signal lamps."—A communication to him from abroad by Jean Joseph Baranowski, of Turin, Italy.
3180. To Edward Myers, of Millbank-row, Westminster, in the county of Middlesex, Civil Engineer, and Henry Dundas Gloag, of Pall Mall, in the county of Middlesex, Gentleman, for the invention of "improvements in the construction of rotary pumps."
3182. And to John Barraclough Fell, of Spark-bridge, near Newton-in-Cartmel, in the county of Lancaster, for the invention of "improvements in railway engines, carriages, and permanent way for steep inclines."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of December, 1863.

3184. To George Henry Ellis, of Romney-cottage, Wellington-road, in the parish of Bromley, Middlesex, Engineer, for the invention of "improvements in cases for packing and storing bottles."
3186. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in apparatus for indicating the level of water in steam boilers."—A communication to

him from abroad by Charles Weyher, Engineer, of 29, Boulevard St. Martin, Paris.

3188. And to John Henry Johnson, of 47, Lincoln's-inn Fields, in the county of Middlesex, Gentleman, for the invention of "improvements in cleaning roadways, and in the machinery or apparatus employed therein."—A communication to him from abroad by Thomas Agudio, of Turin, in the Kingdom of Italy, Engineer.

On their several petitions, recorded in the Office of the Commissioners on the 17th day of December, 1863.

3190. To William Clarke, of Barnton, near Northwich, in the county of Chester, Rope Manufacturer, for the invention of "improvements in the manufacture of ropes made of hemp or other fibrous substances."
3192. To Peter Gardnier, of Banbury in the county of Oxford, Land Surveyor, for the invention of "improvements in the construction of ordnance, and in projectiles to be used therewith."

3193. To Thaddeus Hyatt, Native of the United States of America, and now residing at La Rochelle, in the Empire of France, for the invention of "an improved shop or window shutter made of corrugated sheet iron."

3194. To Perceval Moses Parsons, of Blackheath, in the county of Kent, Civil Engineer, for the invention of "improvements in ordnance, firearms, and projectiles."

3195. To William Bridges Adams, of Hollymount, Hampstead, in the county of Middlesex, Engineer, for the invention of "improvements in locomotive engines and trains for railways, tramways, and common roads."

3196. To Robert Saunders, of Croydon, in the county of Surrey, Gentleman, for the invention of "improvements in the construction and building of portable cottages or houses and other buildings."

3197. And to Henri Adrien Bonneville, Patent Agent, of the British and Foreign Patent Offices, 24, Rue du Mont Thabor, Paris, in the Empire of France, and 38, Porchester-terrace, Bayswater, in the county of Middlesex, for the invention of "improvements in letter boxes."—A communication from Emmanuel Neriny, a person residing at Turin, in the Kingdom of Italy.

On their several petitions, recorded in the Office of the Commissioners on the 18th day of December, 1863.

3200. To John Macarthy, late of 83, Cleremont-avenue, Brooklyn, New York, in the United States of America, but at present residing at 32, Argyle-street, King's-cross, in the county of Middlesex, for the invention of "improvements in taps, cocks, or faucets."—A communication to him from abroad by John Broughton, a person resident at Chicago, Illinois, in the United States of America.

3202. To Robert Legg, of 14, Owen's-row, Clerkenwell, in the county of Middlesex, Millwright and Engineer, for the invention of "improvements in the construction of shot-proof iron or steel walls suitable for the sides of war-ships, floating batteries, or forts."

3206. 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 apparatus for racking and decanting liquids (termed 'Laburthes apparatus')."—A communication to him from abroad by Clément Laburthe, of No. 15, Passage des Petites Ecuries, Paris, France, Merchant.