

- 3 54. To Leonard Wray, of Ramsgate, in the county of Kent, Gentleman, for the invention of "improvements in motive power engines."
3155. To Alexander Patrick Wright, of No. 8, Overton-villas, Brixton, in the county of Surrey, Engineer, for the invention of "improvements in machinery for breaking, softening, and preparing flax and other fibrous materials."—A communication to him from abroad by Robert Hanham Collyer, of Courtrai, in the Kingdom of Belgium, Doctor of Medicine.
3156. To Robert Marsden, of the Tinsley Park Works, Sheffield, in the county of York, for the invention of "improvements in pulley blocks or apparatus for raising heavy weights."
3157. To Thomas Moore, of South Stockton-on-Tees, in the county of York, Engineer, and Charles Arthur Head, of the Teesdale Ironworks, Stockton-on-Tees, Engineer, for the invention of "improvements in apparatus for raising and lowering weights."
3158. To William Bancroft Espeut, of No. 14, Southwick-street, Hyde Park, in the county of Middlesex, for the invention of "improvements in centrifugal drying machines."
3159. And to Alfred Minton, of No. 6, Kossuth-terrace, Victoria Park Station, in the county of Middlesex, for the invention of "improvements in electro coating iron and other metals."
- On their several petitions, recorded in the Office of the Commissioners on the 30th day of October, 1869.
3160. To Edouard de Lagillardaie, of Lorient, in the Empire of France, for the invention of "improvements in the construction of suction siphons for raising liquids and producing condensations and evaporations in vacuum."
3161. To William Renny Watson and Richard Murray, both of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in machinery for doubling yarns or threads."
3162. To Barthelemy Bianchi, of Paris, Rue de Rennes, No. 154, Engineer, for the invention of "improvements in the manufacture of cartridges suitable for mining and general purposes, and in the apparatus employed therein."
3164. To James Dewar, Doctor of Medicine, residing at Kirkcaldy, in the county of Fife, North Britain, for the invention of "improvements in the manufacture of artificial fuel."
3165. To Edward Ford, of Oakley-street, Chelsea, in the county of Middlesex, Banker's Clerk, for the invention of "improvements in chromatic slides for cornets, trumpets, trombones and other similar musical instruments, and in devices for operating the same."
3166. To Robert Charles Addy, of Lisburn, in the county of Antrim, Ireland, Manager, for the invention of "improvements in spindles or flyers used for preparing and spinning flax, cotton, silk, wool, and other fibrous materials."
3168. To Albert Thornton, of the firm of John Thornton and Sons, of Cleckheaton, in the county of York, Machine Makers, and Ben Senior, of Heckmondwike, in the said county, Overlooker, for the invention of "improvements in carding engines, or machinery for carding wool or other fibrous substances."
3169. To William Birch, of Salford, in the county of Lancaster, Sewing Machine Maker, for the invention of "certain improvements applicable to sewing machines."
3170. To Wilkinson Jackson and Joseph Jackson, of Halifax, in the county of York, and James Cowgill, of Bradford, in the same county, Engineers, for the invention of "improved means of preventing the escape of smoke from steam boiler and other furnaces."
3171. To Peter Jensen, of No. 2, Chiswell-street, Finsbury-square, in the county of Middlesex, Consulting Engineer and Patent Agent, for the invention of "improvements in guns for bayonet drill."—A communication to him from abroad by Frederic de Wahlfeldt, a Major in the Swedish Army, of Stockholm.
3172. And to Beauchamp Tower, of Moreton, near Ongar, in the county of Essex, for the invention of "improvements in hot air engines."
- On their several petitions, recorded in the Office of the Commissioners on the 1st day of November, 1869.
3173. To Charles Godfrey Gumpel, of No. 49, Leicester-square, in the county of Middlesex, for the invention of "improvements in ships' rudders, and in steering gear therefor."
3174. To Robert Spice, of 40, Cirencester-place, Fitzroy-square, London, W., for the invention of "improvements in the manufacture of artificial stone, and for forcing liquids into porous substances."—A communication to him from abroad by Arthur Pye-Smith, of Marine Lines, Bombay.
3175. To George White, of 68, Queen-street, Cheapside, in the city of London, Patent Agent, for the invention of "an improved metallic central fire cartridge for breechloading fire arms."—A communication to him from abroad by Mr. Josef Neumeyer, of Vienna, in the Empire of Austria.
3176. To Robert Davies, of Liverpool, in the county of Lancaster, Plasterer, for the invention of "improvements in mechanism or machinery for transmitting motive power."
3177. To William Connell, of Glasgow, in the county of Lanark, North Britain, Plumber and Brassfounder, for the invention of "improvements in water closets."
3178. To Alexander Horace Brandon, of 13, Rue Gaillon, Paris, in the Empire of France, Engineer, for the invention of "improvements in motive power engines, and in the means and mechanism for generating such power."—A communication to him by Madam Charles Errani, Widow, of 13, Rue Gaillon, Paris, in the Empire of France.
3179. To Alexander Wyllie, of the firm of David Wyllie and Son, Scotch Bonnet Manufacturers, of Stewarton, in the county of Ayr, North Britain, for the invention of "improvements in the manufacture of 'Scotch bonnets,' and in the material, means, and apparatus employed therefor."
3180. To Charles Edward Cawley and John Newton, of Manchester, in the county of Lancaster, Civil Engineers, for the invention of "improvements in tramways, and in carriages to run thereon."
3181. And to John Prentis Hawley and Edwin Evered Hill, both of Brixton, in the county of Surrey, for the invention of "improvements in apparatus for controlling the flow of water from constant supply pipes."
- On their several petitions, recorded in the Office of the Commissioners on the 2nd day of November, 1869.
3182. To Sigismund Leoni, of 34, Saint Paul-street, New North-road, in the county of Middlesex, Manufacturer, for the invention of "improvements in apparatus for cooking and lighting by gas."