

3061. To John Hamilton and Robert Paterson, both of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in soldering bolts."
3063. To François Rigollot, of No. 58, Rue du Faubourg du Temple, in the city of Paris, a Mechanician, for the invention of "improvements in sluice valves for regulating and indicating the flow of fluids, parts of which improvements are applicable to cocks."
3064. To Joseph Theodore Dann, of 43, Cowley-road, North Brixton, in the county of Surrey, Civil Engineer, for the invention of "improvements in apparatus for the production of heat."—A communication to him from abroad by Alexandre Alleau, of Pont-Audemer, in the Commonwealth of France.
3065. To William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, for the invention of "improvements in breech-loading ordnance and cartridges for the same."—A communication to him from abroad by Benjamin Burkley Hotchkiss, of 27, Rue Choiseul, Paris.
3066. To John Martin, Mechanic, of Bradford on Avon, and John Allright Wheeler, Flock Manufacturer, of Westwood, both in the county of Wilts, for the invention of "improvements in apparatus for raising and tilting casks containing liquids."
3069. To Caesar Ferranti and Edward James Turner, both of Liverpool, in the county of Lancaster, for the invention of "improvements in the artistic treatment of photographic portraits."
3070. Thomas Coleby, of Manchester, in the county of Lancaster, Commission Agent, for the invention of "improvements in machinery and apparatus for reeling and tying up hanks or skeins of yarn or thread."
3071. To James Hird and Edward Ensor, both of Bristol, in the county of Gloucester, for the invention of "an improved stopper for closing the mouths of bottles and other vessels for containing liquids."
3072. John Peach, of Puddington, in the county of Chester, Game-keeper, and Walton Gray, of Reston, in the same county, Engineer, for the invention of "improvements in traps for birds and other animals."
3073. To William Henry Ashwell, of Ingleton-road, Ingleton, in the county of York, for the invention of "improvements in kilns and apparatus suitable for drying and burning bricks and tiles, and in utilizing the waste heat therefrom."
3074. And to John Robert Johnson, of Deanterrace, Ealing, and Peter Martin Shanks, of Grove-cottages, Lower Holloway, both in the county of Middlesex, for the invention of "improvements in printing machines."
- On their several petitions, recorded in the Office of the Commissioners on the 17th day of October, 1872.
3075. To Gustave Fourquier and Octave Triquet, Umbrella Manufacturers, both of No. 82, Boulevard Sébastopol, Paris, France, for the invention of "improvements in the manufacture of umbrellas."
3077. To Joseph Beverley Fenby, of Birmingham, in the county of Warwick, Civil Engineer, for the invention of "improvements in colour tops."
3078. To John Hamilton and Robert Paterson, both of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in aerating in racking or transferring liquids or beverages, and in apparatus therefor."

3079. To John Large, of Lyneham, in the county of Wilts, for the invention of "improvements applicable to the doors and steps of railway carriages."
3080. To Henry Bethell, of Victoria-street, in the city of Westminster, Brewer, for the invention of "improvements in the treatment of beer in order to prevent and remove acidity."
3081. To Thomas Hoadley, of 36, Bedford-street, Reading, in the county of Berks, for the invention of "improvements in lamps."
3083. To Kate Robison, of Gower-street, in the county of Middlesex, for the invention of "a new or improved muff-warmer for ladies' use."
3084. To Aaron Bradshaw, of Accrington, in the county of Lancaster, Engineer and Machinery Agent, for the invention of "improvements in diminishing or reducing valves."
3085. To John Bullough, of Accrington, in the county of Lancaster, Machinist, for the invention of "improved means and apparatus for obtaining and circulating heat, and in the application thereof to machines for sizing and drying yarn."
3087. And to Richard Powles, of Finsbury, in the county of Middlesex, for the invention of "an improved receptacle for transmitting samples or articles by post."
- On their several petitions, recorded in the Office of the Commissioners on the 18th day of October, 1872.
3088. To James Kenyon, of Blackburn, in the county of Lancaster, Manufacturer and Cotton Spinner, for the invention of "a new apparatus for collecting and separating ashes and cinders, part of which acts as a cinder guard, and may be used as a shovel."
3089. To Robert Griffiths, of Rhual-Issa, Mold, in the county of Flint, Engineer, and William Busby, of Huyton Park, near Liverpool, in the county of Lancaster, for the invention of "improved means and apparatus for ascertaining and indicating the number of passengers who travel by a public conveyance, the distance they travel, and the amount of the fares they pay."
3090. To Joseph Rogers, of No. 5, Owens-row, Saint John-street-road, Clerkenwell, in the county of Middlesex, Engineer, for the invention of "improvements in the construction of roads by combining concrete, asphalt, wood, and iron in such a manner as to form a durable substance which can be readily laid, and will afford a firm foothold for animals, and easy traffic for vehicles."
3091. To Alexander McNeil Greig, of No. 107, Adrian-terrace, West Brompton, in the county of Middlesex, Plumber, for the invention of "improvements in apparatus applicable to water closets and drains."
3093. To Robert Walker, of 4, Westminster-chambers, Victoria-street, Westminster, in the county of Middlesex, Contractor, Agent, and Inventor, for the invention of "a new mode or method of applying atmospheric gas, spirituous vapour or gas, and impregnated combustible vapour or gas as a heating medium for the generation of steam or other purposes."
3094. To Edward Chambers Nicholson, of Hernehill, in the county of Surrey, Gentleman, for the invention of "improvements in the production of colors for dyeing and printing."
3095. To Astley Paston Price, of 47, Lincoln's-inn-fields, in the county of Middlesex, Consulting Chemist, for the invention of "improvements in the treatment of substances