1015. To Colin Mather, of Willow Bank, Brompton, near Manchester, in the county of Lancaster, Gentleman, for the invention of "improve-

ments in spittoons."

1017. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved apparatus for raising and forcing water and other liquids."—A communication to him from abroad by Abel Brear, of Sangatuck, county of Fairfield, State of Connecticut, United States of America.

1019. And to Robert Theyson, of Hanover, for the invention of "improvements in cork-cutting

machinery."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of April, 1862.

1020. To Edward Funnell, of 54, East-street, Brighton, in the county of Sussex, Watch and Clock Manufacturer, for the invention of "an improved self-acting indicator signal for rail-ways."

1025. To Alexander Black, of Banbridge, in the county of Down, Ireland, Law Clerk, for the invention of "improvements in swing bridges adapted for crossing lines of railways and other

wavs."

1027. To Cowper Phipps Coles, of Southsea, in the county of Hants, Captain Royal Navy, for the invention of "improvements in masts for

ships."

1029. To Louis Christoph, of Paris, in the Empire of France, William Hawksworth, of Linlithgow, North Britain, Steel Manufacturer, and Gustavus Palmer Harding, of Paris, Merchant, for the invention of "improvements in drawing metals, and in the machinery or apparatus employed therein."

1031. To John Platt, of Oldham, in the county of Lancaster, Mechanical Engineer, William Richardson, of the same place, Mechanical Engineer, and William Holland, of Salford, in the said county, Cotton Spinner, for the invention of "improvements in carding engines."

1033. To George Burge, of Albert-road, Regent's Park, in the county of Middlesex, Contractor, for the invention of "an improved means of protecting forts, ships, and other structures and places, against projectiles and other striking bodies."

1035. To Osborne Reynolds, of Debach, near Woodbridge, in the county of Suffolk, Clerk, for the invention of "improvements in building

ships and other vessels."

1037. And to William Fox, of Amiens, in the Empire of France, for the invention of "improvements in the manufacture of brooms and brushes."

On their several petitions, recorded in the Office of the Commissioners on the 10th day of April, 1862.

1039. To Henry Holland, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in manufacturing the stretcher joints of umbrellas and parasols."

1040. To James Thomas Grice, of Birmingham, in the county of Warwick, Tube Maker, for the invention of "improvements in the manufacture of twisted metallic tubes."

1042. To John Garnett, of Windermere, in the county of Westmorland, Printer and Stationer, for the invention of "improvements in apparatus for washing photographic pictures."

1044. To Jules François Mathias, of 22, Rue de Châlons, Paris, in the Empire of France, Hat Manufacturer, for the invention of "an apparatus for pressing and ironing straw hats of any shape or form."

1045. To François Rigollot, of No. 15, Passage des Petites Ecuries, Paris, in the Empire of France, for the invention of "improvements in machinery or apparatus for manufacturing riveting pegs for boots and shoes and other pins or pegs."

1046. To Jean Marie Landmann, Incumbent, of the parish of St. Croix, in the town of Algiers, and Colony of Algeria, for the invention of

"improvements in hydraulic engines."

1047. To Thomas Knowles, James Houghton, William Knowles, and William Houghton, of Gomersal, in the county of York, Machine Makers, for the invention of "improvements in looms for weaving."

1048. To Ellis Butterworth, of Calder Cottage, near Rochdale, in the county of Lancaster, Consulting Engineer and Patent Agent, for the invention of "improvements in machinery for applying adhesive substances to preserve the

form of cops of yarn."

1049. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in the manufacture of leathern accourrements."—A communication to him from abroad by Messrs. Adolphe Blanc and Jean Frédéric Auguste Marty, both of 29, Boulevart St. Martin, Paris.

1050. To William Bush, of Tower Hill, in the county of Middlesex, Civil Engineer, for the invention of "improvements in the construction

of ships and shields."

1053. And to Isaac Whitesmith, of Glasgow, in the county of Lanark, North Britain, Machine Maker, for the invention of "improvements in power looms and in pirn winding apparatus."
On their several petitions, recorded in the Office

of the Commissioners on the 11th day of April,

1862.

1055. To Nicholas Nussey, of Holbeck, near Leeds, in the county of York, Mechanic, for the invention of "improvements in machinery or apparatus for preparing and combing wool, flax, hair, cotton, silk, and other fibrous materials."

1056. To Ernest Bollée, of Le Mans, Department of La Sarthe, in the Empire of France, Founder, for the invention of "a new hydraulic ram."

1057. To Andrew Sweet, of Hampstead-road, in the county of Middlesex, Ironmonger, for the invention of "certain improvements in locks and latches."

1058. To Edgar Drewett, of Blackheath, in the county of Kent, Photographer, for the invention of "improvements in bottles and other vessels whereby to separate and retain sediment from their contents."

1059. To Archibald Samuels Campbell, of Hampstead, in the county of Middlesex, Gentleman, for the invention of "improvements in surface

condensers."

1060. And to Archibald Samuels Campbell, of Hampstead, in the county of Middlesex, Gentleman, for the invention of "improvements in the refrigeration of liquids."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of April,

1903

1061. To James Park, of Bury, in the county of Lancaster, Engineer, for the invention of "certain improvements in, or applicable to, steam engines."