of solid and fluid masses in general."—A communication from Mr. Edouard Blée, a person resident at No. 3, Rue d'Amboise, Paris.

On his petition, recorded in the Office of the Commissioners on the 4th day of July, 1861.

1751. To Joseph Rogerson Cotter, of Donoughmore Rectory, in the county of Cork, Ireland, Clerk, for the invention of "certain improvements in the piano-forte."

On his petition, recorded in the Office of the Commissioners on the 11th day of July, 1861.

1761. To Pierre Jean De Rette, Trombonist solo to His Majesty the King of the Belgians, and formerly Band Master of the 9th Regiment of the Line in Belgium, residing at No. 9, Rue Guimard, in Bruxelles, for the invention of "improvements in the manufacture of wind musical instruments in brass or other metal to which pistons are applicable."

On his petition, recorded in the Office of the Commissioners on the 13th day of July, 1861.

1845. To Nicolas Etienne Dumesnil, of 12, Rue aux Loups, Sotteville-les-Rouen, in the Empire of France, for the invention of "improvements in materials for lubricating parts of machinery and for other lubricating purposes."

On his petition, recorded in the Office of the Commissioners on the 23rd day of July, 1861.

1853. To John Sidebottom, of Harewood, near Mottram, in the county of Chester, Cotton Spinner and Manufacturer, for the invention of "improvements in fire arms and ordnance."

On his petition, recorded in the Office of the Commissioners on the 24th day of July, 1861.

1875. To Félicité Noëmi Thurel, of 2, Rue Sainte Appoline, Paris (France), and of 4, Southstreet, Finsbury, London, for the invention of "improvements in the method of fastening shoes, stays, gloves, and other wearing apparel."

On his petition, recorded in the Office of the Commissioners on the 26th day of July, 1861.

1879. To John Henry Johnson, of No. 47, Lincoln's-inn-fields, in the county of Middlesex, and of 166, Buchanan-street, in the city of Glasgow, North Britain, Gentleman, for the invention of "improvements in sewing machines."—A communication to him from abroad by the Grover and Baker Sewing Machine Company, of Broadway, New York, in the United States of America.

On his petition, recorded in the Office of the Commissioners on the 27th day of July, 1861.

1887. To George Sturrock, of Woolwich, in the county of Kent, Serjeant-Major Royal Engineers, for the invention of "improvements in the construction of breech-loading firearms,"

On his petition, recorded in the Office of the Commissioners on the 29th day of July, 1861.

1909. To Benjamin Browne, of No. 52, King William-street, in the city of London, Patent Agent and Civil Engineer, for the invention of "an improved self acting tap or apparatus for the convenient passage of lighted gas, or other illuminating fluid or liquid, and particularly adapted for lighting cigars."—A communication to him from abroad by Theodore Byron Hubbell, of Bridgeport, Connecticut, in the United States of America.

1911. And to Robert Harrison, of Port Penrhyn, in the parish of Llandegai, in the county of Carnarvon, Engineer, for the invention of "im-

provements in apparatus for cutting slates and slabs."

On both their petitions, recorded in the Office of the Commissioners on the 1st day of August, 1861.

1919. To Robert Benton, of No. 5, Great Collegestreet, Westminster, in the county of Middlesex, Civil Engineer, for the invention of "improvements in machinery or apparatus for obtaining rotary motion by the use of the gravitating power of solid or fluid matter."

On his petition, recorded in the Office of the Commissioners on the 2nd day of August, 1861.

1933. To Josiah Vavasseur, of 28, Gravel-lane, Southwark, in the county of Surrey, Engineer, for the invention of "a new or improved transportable machine or apparatus for rifling cannon."

On his petition, recorded in the Office of the Commissioners on the 3rd day of August, 1861.

1949. To George Potts, of Edinburgh, in the county of Mid-Lothian, North Britain, Cabinet Maker and Upholsterer, for the invention of "improvements in the construction of elastic steel mattresses."

On his petition, recorded in the Office of the Commissioners on the 6th day of August, 1861.

2001. To Antoine Garzend, of 29, Boulevart St. Martin, Paris, Gentleman, for the invention of "a new or improved apparatus for cutting up and reducing dye and other wood."
2005. And to Vincent Jankowski, of Princes-

2005. And to Vincent Jankowski, of Princesstreet, Fitzroy-square, in the county of Middlesex, Designer, for the invention of "improvements in apparatus for sawing wood and other substances"

On both their petitions, recorded in the Office of the Commissioners on the 12th day of August, 1861.

2021. To Alcidalis Auguste Romain Damoiseau, of Paris, France, for the invention of "improvements in kilns for baking bricks, tiles, and other similar articles."

On his petition, recorded in the Office of the Commissioners on the 14th day of August, 1861.

2029. To Stephen Carey and William Morgan Pierce, of the Animal Charcoal Works, East Ham, in the county of Essex, for the invention of "improvements in apparatus for reburning animal charcoal."

On their petition, recorded in the Office of the Commissioners on the 15th day of August, 1861.

2065. To William Fitkin, of 88, Fleet-street, in the city of London, Dentist, for the invention of "improvements in apparatus or instruments for extracting teeth."

2067. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "an improvement in preserving meat and other animal substances."—A communication to him from abroad by Jean Pierre Liès-Bodard, of Strasbourg, France.

bourg, France.

2071. To John Somerville, of Maidstone, in the county of Kent, Gas Engineer, for the invention of "improvements in apparatus for drilling and tapping gas and water mains and pipes, and in preventing leakage therefore."

in preventing leakage therefrom."

2073. To Thomas Sutton, Bachelor of Arts,
Lecturer on Photography at King's College,
London, for the invention of "an improved
camera for taking photographic portraits and
instantaneous pictures."