576. To Abraham Gerard Brade, of Paris, France, Civil Engineer, for the invention of "improvements in preserving animal or vegetable matters."—The result partly of a communication made to him by Mr. G. Leuchs. a person residing at Nuremberg, Bavaria, and partly the result of invention and discovery made by him.

577. To William Pidding, of the borough-road, Southwark, in the county of Surrey, Gentleman, for the invention of "improvements in preserving the aroma and other properties of coffee and cocoa from the effects of the atmos-

phere."

579. To Thomas William Evans, M.D., of No. 15, Rue de la Paix, in the city of Paris, Empire of France, for the invention of "improvements in

telegraphic cables."

589. To Nicolas Auguste Pouard, of Rue de L'Orillon, No. 15 (Mechanician), Paris, for the invention of "improvements in breaks for

railway rolling stock."

531. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in the manufacture of yarns or threads."—A communication to him from abroad by Antoine Louis Warnery, of Lyons, in the Empire of France.
582. To John Edwards, of Horace-terrace,

582. To John Edwards, of Horace-terrace, Sheperdess-walk, in the county of Middlesex, for the invention of "improvements in the

construction of carriage wheels."

583. To George Hollands, of Rochester, county of Kent, Brewer, for the invention of "improvements in the mode of, and apparatus used in, the process of fermentation."

584. And to William Clark, of 53, Chancerylane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in warping, dressing, and finishing threads, and in apparatus for the same."—A communication to him from abroad by Mr. Eugène Lebée, of 29, Boulevart St. Martin, Paris, in the Empire of France, Merchant.

On their several petitions, recorded in the Office of the Commissioners on the 7th day of March,

1861.

- 585. To Bashley Britten, of Barrington-road, Brixton, in the county of Surry, Gentleman, for the invention of "improvements in projectiles for rifled ordnauce."
- 586. To John Henry Johnson, of 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 cravats or coverings for the throat and chest, and in the fastenings for the same, which fastenings are applicable to various other parts of dress."—A communication to him from abroad by Monsieur Simon Hayen, Senior, of Paris, in the Empire of France.
- 587. To Robert Leake, Junior, of the firm of Messicurs Joseph Lockett, Sons, and Leake, of the city of Manchester, Engravers to Calico Printers, and William Shields, of the same place, Engineer, for the invention of "improvements in machinery for engraving, stamping, or embossing cylinders and other surfaces, used in printing and embossing fabrics and other materials."
- 589. And to Paul Doury, of the town of Rethel, in the Department of the Ardennes, in the Empire of France, a Municipal Councillor, for

the invention of "improvements in rifled or smooth barrelled arms, discharging projectiles forcibly propelled or not, and loaded by the breech."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of March,

590. To Thomas William. Davenport and Samuel Cole, of Moseley, in the parish of King's Norton, and county of Worcester, Manufacturers, for the invention of "improvements in the manufacture of holders or handles for pens, pencils, and artists' or painters brushes."

592. To Henry Bernoulli Barlow, of the city of Manchester, Patent Agent, for the invention of "improvements in apparatus for preventing the explosion of steam boilers.—A communication to him from abroad by Charles Voelckner, of Prague, in the Empire of Austria, Civil Engi-

neer.

593. To Joseph Jacob, of Brünn, in the Empire of Austria, but at present residing in Goldensquare (W.), London, in the county of Middlesex, for the invention of "improvements in the mode of, and apparatus for, obtaining gas, and the application thereof for domestic manufacturing and other purposes."—A communication to him from abroad by Carl Preisenhammer and Carl Weniger, both of Zöptau, in the Empire of Austria.

594. To Michael Meyers, of Great Alie-street, in the county of Middlesex, Umbrella and Parasol Manufacturer, for the invention of "improve-

ments in woven fabrics."

595. And to William Henry Buckland, of Bargeyard, Bucklersbury, in the city of London, Gentleman, for the invention of "improvements in the manufacture of iron."

On their several petitions recorded in the Office of the Commissioners on the 9th day of March,

1861.

- 596. To James Charles Fisher, of Padfield, in the county of Derby, Cotton Spinner, for the invention of 'improvements in machinery or apparatus for preparing and spinning fibrous materials."
- 597. To Joseph Bunnett, of Deptford, in the county of Kent, Engineer, for the invention of "improvements in the manufacture of bricks and tiles, and in machinery for that purpose."
- 599. To Abraham Myers, of Hutchison-street, Houndsditch, in the county of Middlesex, for the invention of "improvements in the manufacture of boots particularly adapted for ladies' wear."
- 600. To George Williams Baker, of Park Nook, Quorndon, in the county of Derby, Land Agent, for the invention of "improved apparatus for arresting the progress of railway accidents."
- 601. To John Henry Johnson, of 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 life belts and swimming belts."—A communication to him from abroad by Messrs. Torrilhon, Verdier, and Company, of Paris, in the Empire of France, Manufacturers."
- 602. To John Thomas Hutchings, of Charlton, in the county of Kent, Boot and Shoe Manufacturer, for the invention of "improvements in the manufacture of boots, shoes, and other coverings for the feet, and in tools for cutting the soles of such articles."