in cutting out and piercing metals."

89: To Constant Jouffroy Duméry, of Paris, in the Empire of France, and of 16, Castle-street, Holborn, in the county of Middlesex, for the invention of "improvements in the manufacture of paste and enamel buttons.

900. To Charles Lowe, of Sheepy Hall, in Sheepy Magna, in the county of Leicester, Corn Miller, for the invention of "improvements in mills for

grinding wheat and other grain."

901. To John Chadwick, of Manchester, in the county of Lancaster, Silk Manufacturer, and Thomas Dickins, of the Spring Vale Works, near Middleton, in the county of Lancaster, Silk Dyer, for the invention of "improvements in the production of raw and thrown silk."

902. To John Bethell, of No. 8, Parliament-street, Westminster, Gentleman, for the invention of "improvements in the manufacture

- 903. To William Laycock, of Birkenhead, Gen-tleman, for the invention of "improvements in the manufacture of metallic and other casks and vessels.
- To Joseph Adamson, of Leeds, in the county of York, Engineer, for the invention of "improvements in flushing apparatus and in waterclosets."
- 907. To Alfred Guy, of Upper Rosoman-street, in the county of Middlesex, Gas Fitter, for the invention of "an improved filter."

908. To Charles Green and James Newman, of Birmingham, for the invention of "improvements in the manufacture of wheels."

- 909. To Robert Wyburn, of East-street, Taunton, in the county of Somerset, for the invention of "improvements in the construction of easy
- 910. To William Ogden, of Oldham, in the county of Lancaster, Manufacturer, for the invention of "a certain improvement or improvements applicable to carding-engines, used for carding cotton, wool, and other fibrous materials."

911. To William John Thomas Jones, of 10, Palace-street, Pimlico, for the invention of "improvements in steam engine governors."

- 912. To David Zenner, of the borough and county of Newcastle-upon-Tyne, Chemist, for the invention of "improvements in the treatment of ores and other substances containing metals, to obtain products therefrom, and the apparatus used therein."
- 913. To Alexander Crichton, of 4, Saint George'sterrace, Park-road, Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in the fitting of bilge pumps and injection cocks of iron steamers and sailing vessels.'

914. To François Marie Antoine Serruys, of Bruxelles, in the Kingdom of Belgium, for the invention of "improvements in tanning."—A communication from Herman de Bock,

Bruges, in Belgium.

915. To Jean Baptiste Maniquet, Manufacturer, of Paris, in the French Empire, for the invention of "certain improvements in machinery or apparatus for winding, cleaning, doubling, twisting, and spinning silk, cotton, wool, flax, hemp and other filamentous materials.'

916. And to George Titterton, of No. 70, Margaret-street, Cavendish-square, in the county of Middlesex, Brush Maker, for the invention of "improvements in brushes."

On their several petitions, recorded in the Office of the Commissioners on the 14th day of April,

invention of "an improvement or improvements | 917. To William Wilkinson, of the town and county of the town of Nottingham, Frame Work Knitter, for the invention of "an improvement or improvements in ropes, cords, lines, twines, and mill bandings.

8. To William Allen, of Westbourne-street, Pimlico, in the county of Middlesex, Wine Cooper, and William Murrell, of Grosvenorroad, Pimlico, in the same county, Whitesmith, for the invention of "improvements in the mode or modes of cleansing bottles or other similar articles."

919. To John Lewthwaite, of Halifax, in the county of York, Gentleman, for the invention of "improvements in rollers or mountings for

blinds, maps, and other like articles."

920. And 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 treating refuse silk waste, and in converting it into a valuable product."-A communication.

On their several petitions, recorded in the Office of the Commissioners on the 15th day of April,

921. To Phillip Davis, of 263, Whitechapel-road, in the county of Middlesex, for the invention of "an improved mode of constructing the breasting to the revolving drums or beaters of threshing machines."

922. To Samuel Bayliss, of Old Broad-street, in the city of London, in the county of Middlesex, for the invention of "improvements in consuming or preventing smoke and heating

liquids.

924. To Jean Marie Souchon, of Paris, in France, Chemist, for the invention of "improvements in the manufacture and purification of gas for illumination and certain products therefrom, and in apparatus for that purpose."

925. To Joseph Cooke, of Birmingham, in the

county of Warwick, Gilder, and William Cooke, of Birmingham aforesaid, Machinist, for the invention of "new or improved machinery for

cutting or shaping corks and bungs.

926. To George Albemarle Cator, of Selby, in the county of York, Gentleman, for the invention of "improvements in machinery for preparing flax, hemp, and other vegetable fibrous substances for scutching, or other manufacturing processes."

To Isaac Simpson, of Preston, in the county of Lancaster, for the invention of "improvements in machinery for covering wire, silk, cotton, linen, wool, or any other flexible material, with wire, plate, silk, cotton, linen, wool, or any other flexible material."

928. And to Henry Wilks, of Rotherham, in the county of York, Brass Worker, for the invention of "improvements in cocks."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of April,

930. To James Begbie, of Haddington, in the county of East Lothian, North Britain, Carriage Builder, for the invention of "improvements in the construction of wheeled carriages."

932. To Joel Watts, of Dover-cottage, Sleafordstreet, Battersea-fields, in the county of Surrey, for the invention of "improvements in the construction of pistons of steam and other engines, applicable also to force pumps and

lifting pumps."
936. And to James Salter Scarlett, of Norwood, in the county of Surrey, Gentleman, and William Smallcombe Passmore, of St. Anne's-road, Brixton, also in the county of Surrey, Gentle-