

844. And to George Hawksley, of Three Mill-lane, Bromley-by-Bow, in the county of Middlesex, for the invention of "improvements in apparatus for measuring water and other liquids."

On both their petitions, recorded in the Office of the Commissioners on the 5th day of April, 1861.

860. To Joseph Walker, of Onkenshaw, in the county of Lancaster, and James Barnes, of the same place, India Rubber Manufacturers, for the invention of "an improvement in the manufacture of 'card cloth', used for carding cotton, wool, and other fibrous substances."

862. And To Henry Wollastoff Blake, of Solih, Birmingham, in the county of Warwick, and of London-street, in the city of London, for the invention of "improvements in cutting machinery and in apparatus employed for regulating the expansion of elastic fluids."

On both their petitions, recorded in the Office of the Commissioners on the 9th day of April, 1861.

879. To James Ivers, of Preston, in the county of Lancaster, Spindle and Flyer Maker; and James Pollitt, of the same place, Manager, for the invention of "a certain improvement in machinery or apparatus employed in preparing cotton, wool, flax, and other fibrous substances."

881. To William Bishop Peck, of Broad-street, Bristol, in the county of Somerset, for the invention of "improvements in screw propellers."

883. To Perry G. Gardiner, of New York City, in the county and State of New York, in the United States of America, for the invention of "a new improved spring."

885. And to William Rodrigues Rogers, of Gray's-inn-road, in the county of Middlesex, Builder, for the invention of "improvements in dowels."

On their several petitions, recorded in the Office of the Commissioners on the 10th day of April, 1861.

887. To David Chalmers, of Glasgow, in the county of Lanark, North Britain, Machinist, for the invention of "improvements in weaving textile fabrics."

888. To William McConnell, of the city of Manchester, in the county of Lancaster, Cotton Spinner, for the invention of "improvements in engines for carding cotton and other fibrous materials."

889. To James Shand, of 245, Blackfriars-road, in the county of Surrey, Engineer, and Samuel Mason, of the same place, Engineer, for the invention of "improvements in steam fire engines and pumps."

890. To William Bury, of Portman-street, Mary-lebone, in the county of Middlesex, Engineer, for the invention of "improvements in steam engines, and in boilers for the same."

891. To James Lancelott, Jeweller, of 2, Brownlow-road, Dalston, in the county of Middlesex, for the invention of "improvements in machinery for the manufacture of sheet metal chains."

893. To Charles Stevens, of 31, Charing-cross, in the county of Middlesex, Patent Agent, for the invention of "an improved apparatus for raising liquids, especially beer and wine from casks."—A communication to him from abroad by Mrs. Anne Frederique Diewan, of 42, Rue Laffitte, Paris, in the Empire of France.

895. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in

sizing or preparing paper and textile fabrics in order to render them waterproof, and to increase the strength thereof."—A communication to him from abroad by Leon Bertin and Pierre Carteron, of Paris, France.

896. To Richard Smith, of Shaw House, Melksham, in the county of Wilts, Gentleman, for the invention of "improvements in roller blind apparatus."

897. 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 pressure gauges."—A communication to him from abroad by John Leavens, of the city of New York, in the United States of America.

898. To Samuel Roberts, of Hull, in the county of York, Engineer, for the invention of "improvements in steam-engines, and in generators to be used therewith."

899. And to John Macmillan Dunlop, of Manchester, Engineer, for the invention of "improvements in machinery for cleansing cotton."

On their several petitions, recorded in the Office of the Commissioners on the 11th day of April, 1861.

901. To George Carter Haseler, of 19, Vittoria-street, Birmingham, in the county of Warwick, Jeweller, for the invention of "improvements in the joints or hinges of lockets."

902. To Thomas Carr, of Chowbent, in the county of Lancaster, Screw Bolt Manufacturer, for the invention of "improvements in machinery or apparatus for forging and shaping articles of iron or other metal or material."

903. And to Joseph Ward, of Blackburn, and Rhodes Greenwood, of Whittle-le-Woods, in the county of Lancaster, for the invention of "improvements in machinery or apparatus for preparing fibrous materials to be spun."

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

905. To James Eglinton Anderson Gwynne, of Essex-street-wharves, Strand, in the county of Middlesex, Civil Engineer, for the invention of "improvements in machines for breaking, crushing, and reducing stones and other substances."

907. To Thomas Bailey, of Aston-road, Birmingham, in the county of Warwick, Gun Manufacturer, for the invention of "improvements in breech loading fire-arms"

908. To Joseph Rock Cooper, of Birmingham, in the county of Warwick, Gun Manufacturer, for the invention of "an improvement in, or addition to, certain kinds of breech loading fire arms and ordnance."

909. To John Silvester, of the firm of George Salter and Company, of West Bromwich, in the county of Stafford, Manufacturers, for the invention of "improvements in spring balances or weighing machines, and in dynamometers."

911. To George Graham, Manager of the Dalquhurn Turkey-Red Dye Works, in the county of Dunbarton, North-Britain, for the invention of "improvements relating to ornamental cotton fabrics having Turkey-Red grounds."

913. To Edgar Corke, of South Borough, Tonbridge Wells, in the county of Kent, Gentleman, for the invention of "an improved instrument to be fixed on the bayonet or muzzle of a rifle for estimating distances."

914. To Charles Roberts, of Douglas, in the Isle of Man, Gentleman, for the invention of "improvements in boots and shoes, and other similar coverings for the feet."