

750. And to Joel H. Le Moyné, of Boston, in the county of Suffolk, in the State of Massachusetts, one of the United States of America, for the invention of "a combined mule and shuttle spindle."

On their several petitions, recorded in the Office of the Commissioners, on the 1st day of March, 1875.

753. To Adam Burdett, of Coventry, in the county of Warwick, Watch Manufacturer, for the invention of "improvements in railway breaks."

755. To Henry Smith, of Henrietta-street, Covent Garden, in the county of Middlesex, Electroplater, and John Coope Haddan, of 32, Treherne-road, Brixton, in the county of Surrey, Civil Engineer, for the invention of "improvements in joining up or connecting together the ends of railway rails."

757. To Thomas Broughton, Charles Brigg, and Thomas Hargreaves Brigg, all of Keighley, in the county of York, for the invention of "improvements in means or apparatus employed in preparing, spinning, and doubling wool and other fibrous material."

759. To John Harrington and Dudley Watkins, both of Ryde, in the Isle of Wight, for the invention of "improvements in roller skates."

761. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in apparatus for regulating the flow of gas, steam, or air."—A communication to him from abroad, by Henry Wardwell Shepard, of Brooklyn, and Robert Seaman, of New York, both in the State of New York, United States of America.

763. To Edwin Wolverson, of Birmingham, in the county of Warwick, Machinist, for the invention of "improvements in corkscrews, which improvements are also applicable to screw-passers, augers, screw-drivers, and other similar hand tools."

771. And to Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improved means for holding and carrying cartridges."—A communication to him from abroad by Henry Metcalf, of Springfield, in the State of Massachusetts, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 2nd day of March, 1875.

773. To Alexander Freir and Frederick Fairlie, both of Dundee, in the county of Forfar, North Britain, for the invention of "new or improved bobbins used in the manufacture of yarns."

775. To Sir Francis Sherlock Gooch, Baronet, of No. 7, Upper Grosvenor-street, Grosvenor-square, in the county of Middlesex, for the invention of "improvements in regulating the flow of liquids, in apparatus employed for reducing such liquids from a higher to a lower temperature."

777. To Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Rue de la Chaussée d'Antin, Paris, France, and 6, Piccadilly, in the county of Middlesex, Patent Agent, for the invention of "a new and improved spindle for fixed machines for spinning wool and fibrous materials in general."—A communication from Celestin Martin, a person resident at Verviers, in the Kingdom of Belgium.

779. To Peter Laycock, of Leeds, in the county of York, for the invention of "improvements in machinery or apparatus employed in cutting or pulverizing flocks or mungo for flocking purposes."

781. To Henry Lipman, in the employment of Messrs. Lipman and Co., of Dundee, in the county of Forfar, North Britain, Bag Manufacturers, for the invention of "a new or improved mode of protecting tea chests, and means employed for that purpose."

785. To John Ellis, of the City-road, in the county of Middlesex, for the invention of "a new or improved inhaler for invalids."

787. To Zaccheus Shrimpton, of Redditch, in the county of Worcester, Manufacturer, for the invention of "improvements in crochet needles."

789. To Thomas Russell Crompton, of 4, Victoria-street, in the city of Westminster, for the invention of "improvements in revolving furnaces, and in apparatus connected therewith."

791. To John Emmett Lawrence and Edmund Vernon Porter, both of 36, Parliament-street, Westminster, for the invention of "improvements in centrifugal pumps."

793. And to Philip Syng Justice, of 27, Southampton-buildings, Chancery-lane, county of Middlesex, Merchant, for the invention of "improvements in valves."—A communication to him from abroad by Thomas Shaw, of Philadelphia, Pennsylvania, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 3rd day of March, 1875.

795. To Richard Cardwell Robinson, of No. 1, Avenham-terrace, Preston, in the county of Lancaster, Ironfounder, for the invention of "improvements in the mode of, and apparatus for, manufacturing socketted pipes from clay or other plastic material."

797. To Charles Marryat Elborough, of No. 17, King's Arms-yard, in the city of London, Solicitor, for the invention of "an improved meter for liquids."—A communication to him from abroad by Johann Leopolder, of No. 60, Erdbergerstrasse, Vienna, in the Empire of Austria, Engineer.

799. To Henry Bell, of Birmingham, in the county of Warwick, Pin and Rivet Manufacturer, for the invention of "improvements in machinery for the manufacture of nails and tacks."

801. To Edward Ormerod, of Atherton, in the county of Lancaster, Engineer, for the invention of "improvements in apparatus to be applied to winding machinery (used in coal and other mines), for the prevention of accidents from overwinding, which apparatus is also applicable to hoists, and for other similar purposes."

803. To George Robson, of Whitwood Colliery, Normington, and Alfred Ellis, of Wakefield, Brass Founder, for the invention of "improvements in miners' safety lamps."

807. To Charles Elcock, of the city of Manchester, for the invention of "an artificial animal charcoal suitable as a filtering, decolorising, and deodorising agent, and for forming into blocks for various purposes."

809. To David Annan, of the Vulcan Iron Works, Bow, in the county of Middlesex, for the invention of "improvements in steam boiler and other furnaces."

811. To Henry Mansbridge, of Staines, in the county of Middlesex, Engineer, for the invention of "improvements in the manufacture of railway crossings."