

Doctor of Medicine, for the invention of "a hydro-dynamic battery, or new or improved electro-magnetic apparatus, which, with its products, are applicable to the production of motive power, of light, and of heat."

On his petition, recorded in the Office of the Commissioners on the 7th day of March, 1853.

705. To James Allen, of Manchester, in the county of Lancaster, Brass Founder, for the invention of "certain improvements applicable to the safety valves of steam boilers or generators."

706. To John Henry Park, of Preston, in the county of Lancaster, Civil Engineer, and Joseph Park, of Preston aforesaid, Plumber, for the invention of "improvements in water-closets and urinals."

707. To Jean Baptiste Massat, of Paris, in the Empire of France, and of 16, Castle-street, Holborn (city), London, for the invention of "certain improvements in the manufacture of knives, and other similar handle instruments."

708. To Bernard Boyle, of 2, Raven-row, Mile End, in the county of Middlesex, for the invention of "a centripetal flange."

709. To Hesketh Hughes and William Thomas Denham, both of Cottage-place, in the county of Middlesex, for the invention of "improvements in pianofortes, organs, seraphines, and other like musical instruments."

710. To William Mann Crosland, of Beaumont-street, in the county of Middlesex, Civil Engineer, for the invention of "improvements in block-making machinery."

711. And to Antoine François Jean Claudet, of Regent-street, in the county of Middlesex, Photographic Artist, for the invention of "improvements in stereoscopes."

On their several petitions, recorded in the office of the Commissioners on the 23rd day of March, 1853.

712. To Charles William Siemens, of Adelphi-terrace, in the county of Middlesex, Engineer, and Joseph Adamson, of Leeds, in the county of York, Engineer, for the invention of "improvements in rotatory fluid meters."

713. To John Beaumont, of Dalton, near Huddersfield, in the county of York, Manufacturer, for the invention of "a new manufacture of certain descriptions of woven fabrics."

714. To William Prior Sharp, of Manchester, in the county of Lancaster, Engineer, for the invention of "certain improvements in machinery for spinning and doubling cotton and other fibrous substances."

715. To Robert Grundy, of Hindley, in the county of Lancaster, Cotton Spinner, and James Jones, of Warrington, in the same county, Cotton Spinner, for the invention of "improvements in machinery for preparing, spinning, and doubling cotton, and other fibrous materials."

716. To Charles Victor Frederic de Roulet, of Paris, in the Empire of France, late a Ship Owner, but now out of business, for the invention of "certain improvements in the manufacture of piled figured fabrics by alterations in, and additions to, looms for weaving, including also a warping machine, with a method of reading and arranging the colours or materials for the patterns of such figured fabrics."

717. To Henry Webster, of Sheffield, in the county of York, Gentleman, and Edward Dawson Stones, of Sheffield aforesaid, Mechanic, for the invention of "improvements in the construction of gas stoves."

718. To William Keates, of the firm of Newton, Keates, and Company, of Liverpool, in the

county of Lancaster, Merchants, for the invention of "improvements in the manufacture of tubes and mandrils."—Partly a communication.

719. To Charles Augustus Holm, of 21, Cecil-street, Strand, in the county of Middlesex, Civil Engineer, for the invention of "improvements in propelling vessels."

720. To George Isaac Jackson and Henry David Jackson, of 46, Castle-street, Liverpool, for the invention of "improvements in fasteners for buttons."

721. To William McNaught, of Rochdale, in the county of Lancaster, Engineer, for the invention of "certain improvements in steam engines."

722. To William Edie, of Dundee, in the county of Forfar, North Britain, Manager, for the invention of "improvements in the treatment or manufacture of textile materials."

723. And to Robert Walker, of Glasgow, in the county of Lanark, North Britain, Merchant, for the invention of "improvements in working and increasing the safety of railways."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of March, 1853.

724. To Erasmus Symonds, of Great Bell Alley, in the city of London, Merchant, for the invention of "an improved self-acting plug for barges, boats, and other vessels."

728. To Thomas Smedley, of Holywell, in the county of Flint, Gentleman, for the invention of "certain improvements in steam boilers."

730. To Richard Archibald Brooman, of the firm of Robertson Brooman, and Company, of 166, Fleet-street, in the city of London, Patent Agents, for the invention of "an improved rag-tearing and separating machine."—Communication.

731. To George Robb, of Glasgow, in the county of Lanark, North Britain, Gentleman, for the invention of "improvements in the manufacture of sulphuric acid, alkalis, and their salts."

732. And to James Worrall, junior, of Salford, in the county of Lancaster, Dyer and Finisher, for the invention of "certain improvements in the method of preparing, treating, and finishing cut, piled, or raised fustians, and other similar goods or fabrics, and in the machinery or apparatus connected therewith."

On their several petitions, recorded in the office of the Commissioners on the 26th day of March, 1853.

733. To George Oakes Asbury, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "an improvement or improvements in the manufacture of dowls used in joinery."

734. To John George Truscott Campbell, Grocer, No. 13, Lambeth-hill, Upper Thames-street, City of London, Middlesex, for the invention of "certain improvements in ships' propellers."

735. To David Stephens Brown, of Number 2, Alexandrian-lodge, Old Kent-road, in the county of Surrey, Gentleman, for the invention of "certain improvements in engines to be worked by steam, or any other elastic fluid, which invention also includes the apparatus for generating such steam, or other elastic fluid."

736. To Augustin Chrysostome Bernard and Jacques Marie Pierre Albéric de St. Roman, of Paris, France, and of 4, South-street, Finsbury, London, Gentlemen, for the invention of "an improved mode of giving publicity."

737. To Thomas James Perry, of the Lozels, in the parish of Aston-juxta-Birmingham, in the