

## Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

**N**OTICE is hereby given, that provisional protection has been allowed

676. To James Denby Lee, of Shipley, in the parish of Bradford, and James Crabtree, of Windhill, in the parish of Calverley, both in the West Riding of the county of York, Machine Makers, for the invention of "improvements in power looms."

678. To William Tytherleigh, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in the manufacture of bullets and shot."

682. To Edward Cook, of Birmingham, in the county of Warwick, Gentleman, and James Stokes, Journeyman Metallic Bedstead Maker, also of Birmingham, in the said county, for the invention of "improvements in certain parts of metallic bedsteads."

684. To Frederick Simpson, of Redhill, Reigate, for the invention of "an improved mode of forming a screw in the necks of bottles, jars, and other similar vessels."

686. To Carl Heinrich Julius Wilhem Maximilian Liebmann, of Fartown, Huddersfield, in the county of York, Warehouseman, for the invention of "improvements in the purification of water and the preparation of materials requisite for the process."—A communication.

688. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "certain improvements in steering apparatus for ships and other vessels."—A communication.

690. To James Garth Marshall, of Leeds, in the county of York, Flax Spinner, for the invention of "improvements in machinery for preparing flax, hemp, China grass, and other fibrous substances."

692. To William Henry Barlow, of Derby, and James Samuel, of Great George-street, Westminster, for the invention of "improvements in cast iron sleepers for railways."

694. And to Frederick Alexander Fitton, of Ardwick, in the city of Manchester, in the county of Lancaster, Mechanic, for the invention of "improvements in certain machines for preparing, spinning, and doubling cotton and other fibrous substances."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of March, 1857.

698. To William Charles Day, of the Strand, in the county of Middlesex, Military Equipage Manufacturer, for the invention of "improvements in portmanteaus."

700. And to James Hamilton, of Rochdale, in the county of Lancaster, Tin Plate Worker, for the invention of "improvements in coating iron and other metals with metallic substances."

On both their petitions, recorded in the Office of the Commissioners on the 10th day of March, 1857.

702. To Robert Lewis Jones, of Chester, in the county of Chester, for the invention of "improvements in regulating clocks by electricity."

704. To William Makin, of Hollingworth, in the county of Chester, Engineer, for the invention of "improvements in furnaces and apparatus for generating steam."

706. To Simeon Denham, of Strafford-square, Wakefield, in the county of York, for the invention of "a self-acting machine for the delivery of postage and receipt stamps."

708. To John Robert Reid Humfrys, of Salford, in the county of Lancaster, Master of Arts, for the invention of "improvements in apparatus for burning gas."

710. And to James Davis Cooper, of 26, Great James-street, Bedford-row, in the county of Middlesex, for the invention of "improvements in producing engraved surfaces for surface printing."

On their several petitions, recorded in the Office of the Commissioners on the 11th day of March, 1857.

712. To Albert Viscount de Waresquiel, Gentleman, and Julien D'Helle, Civil Engineer, both of Paris, France, for the invention of "improvements in railway-carriages."

714. To John Avery, of 32, Essex-street, Strand, London, Patent Agent, for the invention of "an improved method of preserving butter."—A communication from Jean Girard, of Mi Commet, in the Empire of France.

716. To John Shaw and William Manwaring, both of the Britannia Works, Banbury, in the county of Oxford, for the invention of "improvements in machinery or apparatus for cutting or reducing turnips or other vegetable substances."

718. 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 the process of, and apparatus for, tanning."—A communication from Mr. Charles Chrétien Knoderer, of Strasbourg, in the Empire of France, Leather Manufacturer.

On their several petitions, recorded in the Office of the Commissioners on the 12th day of March, 1857.

720. To Emmanuel Berger, Upholsterer, and Jules Edouard Matile, Merchant, both of Paris, in the Empire of France, for the invention of "improvements in machinery for beating and brushing carpets."

722. To William Ramsey Nevins and Joseph John Yates, both of the city of New York, in the United States of America, Machinists, for the invention of "improvements in preparing and baking bread and biscuits, and in machinery employed therein."

724. And to William Hesketh, of Accrington, in the county of Lancaster, Manufacturer, for the invention of "improvements in looms."

On their several petitions recorded in the Office of the Commissioners on the 13th day of March, 1857.

726. To Charles Cowper, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in the manufacture of artificial leather, or a substitute for leather."—A communication from Abraham Micoud, of Paris, in France.

728. To Robert Macdonald, of Glasgow, in the county of Lanark, North Britain, Manufacturer, for the invention of "improvements in sewing or embroidering textile fabrics."—Partly a communication.

730. To Joseph Pimlott Oates, of Erdington, in the county of Warwick, Surgeon, for the invention of "improvements in machinery for the manufacture of bricks, tiles, pipes, and other articles made of plastic materials."