

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for
Inventions.

NOTICE is hereby given, that the petition of William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, praying for letters patent for the invention of "improvements in cabinet-desks,"—a communication to him from abroad by Joseph A. Moore, of Indianapolis, Indiana, United States of America,—was deposited and recorded in the Office of the Commissioners on the 14th day of December, 1877, and a complete specification accompanying such petition was at the same time filed in the said office.

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for
Inventions.

NOTICE is hereby given, that provisional protection has been allowed—

3010. To John Britten, of Camberwell, in the county of Surrey, Chemist, for the invention of "improved means and apparatus for preventing fraud in the receipt of money."

On his petition, recorded in the Office of the Commissioners on the 7th day of August, 1877.

3710. To George Frederick Dawson, of Bradford, in the county of York, Worsted Spinner, for the invention of "improvements in sewing or machine threads."

On his petition, recorded in the Office of the Commissioners on the 5th day of October, 1877.

3998. To Alexander Crum Brown, M.D., Professor of Chemistry at the University of Edinburgh, of 8, Belgrave-crescent, in the city of Edinburgh, for the invention of "improvements in geographical and other globes."

On his petition, recorded in the Office of the Commissioners on the 29th day of October, 1877.

4066. To Frederick Stirling Newall, of Washington Chemical Works, in the county of Durham, for the invention of "improvements in the manufacture of soda and potash."

On his petition, recorded in the Office of the Commissioners on the 1st day of November, 1877.

4090. To Thorsten Wilhelm Nordenfelt, of 1, Saint Swithin's-lane, London, E.C., Civil Engineer, for the invention of "an improved method of giving rotation and centration to projectiles and for checking the escape of powder gas."

On his petition, recorded in the Office of the Commissioners on the 3rd day of November, 1877.

4299. To Harrison Foster, of Radcliffe, and Joy Robinson, of Little Lever, both in the county of Lancaster, for the invention of "improvements in looms for weaving."

On their petition, recorded in the Office of the Commissioners on the 16th day of November, 1877.

4413. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in the manufacture of hydraulic lime and cement."—A communication to him from abroad by Monsr. Leonce Vée, of Paris, in the Republic of France.

On his petition, recorded in the Office of the Commissioners on the 23rd day of November, 1877.

4547. To Richard Searle, of Cheltenham, in the county of Gloucester, Gentleman, for the invention of "improvements in smoke extractors and ventilators."

4551. And to Alexander Charles Fraser, of 449, Strand, in the county of Middlesex, Manager to Messieurs Elliott, of the same place, Opticians, for the invention of "improvements in magnetic compasses."

On both their petitions, recorded in the Office of the Commissioners on the 1st day of December, 1877.

4583. To George Hand Smith, of South Kensington, in the county of Middlesex, Doctor of Medicine, for the invention of "improvements in the treatment of bone, vegetable ivory, and other porous substances, and in apparatus employed therein."

4585. To Ernest de Pass, of Fleet-chambers, 68, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in embroidering attachments for sewing machines."—A communication to him from abroad by Daniel McLean Somers, of New York, in the United States of America, Machinist.

4589. To John Henry Cole Bowen Hornibrook, of Reigate, in the county of Surrey, Engineer to the Corporation of Reigate, for the invention of "improvements in the prevention of the escape of sewer gas into houses and buildings."

4591. To John Dickinson Brunton, of Leighton-crescent, Kentish Town, in the county of Middlesex, for the invention of "improvements in apparatus for cutting stone."

4593. To William Carr, of Blackburn, in the county of Lancaster, Machinist, for the invention of "improvements in and applicable to washing and wringing machines, and churns or machines for mixing liquids, and in cocks or taps for the same."

4595. To James Platt, Woollen & General Warehouseman, 77, St. Martin's-lane, London, in the county of Middlesex, for the invention of "a tailors iron with movable handle."

4597. To Francis Lloyd Jones, of Blackburn, in the county of Lancaster, Cotton Mill Manager, for the invention of "improvements in looms for weaving."

4599. And to Richard Greenwood, of Blackburn, in the county of Lancaster, Cotton Manufacturer, and William Henry Hayhurst, of Blackburn, in the said county, Mill Manager, for the invention of "improvements in looms for weaving."

On their several petitions, recorded in the Office of the Commissioners on the 4th day of December, 1877.

4601. To John Tyler Barnsley Bennett, of Birmingham, in the county of Warwick, Agent, for the invention of "improvements in the construction of hair combs."

4603. To Alexander Leslie Fyfe, of Aldersgate-street, in the city of London, for the invention of "an improvement in dress holders or suspenders."

4605. To Edward MacEwan, of Mauchline, in the county of Ayr, North Britain, Manufacturer of Clan Tartan and Fancy Wood Work, for the invention of "a new or improved casket for holding thread and other articles, the same being applicable for providing games of amusement."

4607. To Richard Golding, of Tooting, in the county of Surrey, Tobacco-pipe Maker, for the invention of "improvements in apparatus for making clay tobacco pipes."