

## Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for  
2313. Inventions.

**N**OTICE 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 balloons for aerial navigation,"—a communication to him from abroad by Count Antoine Apraxine, of Paris, France,—was deposited and recorded in the Office of the Commissioners on the 13th day of June, 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  
2314. Inventions.

**N**OTICE is hereby given, that the petition of William Phillips Thompson, of 6, Lord-street, Liverpool, in the county of Lancaster, British and International Patent and Trade Mark Agent, praying for letters patent for the invention of "improvements in and relating to electro-magnetic motors,"—a communication to him from abroad by Wesley Ward Gary, of Washington, in the District of Columbia, United States of America,—was deposited and recorded in the Office of the Commissioners on the 14th day of June, 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  
2371. Inventions.

**N**OTICE 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 the manufacture of soft metal tubes or pipes for forming plumbers' traps, and for other purposes, and in machinery to be used in such manufacture,"—a communication to him from abroad by Jesse Edward Folk, of Brooklyn, New York, United States of America, Merchant,—was deposited and recorded in the Office of the Commissioners on the 18th day of June, 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.

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

816. To Frederick Anderson and Joseph Yair, of Cloak-lane, in the city of London, Managing Directors of Liebig's Liquid Extract of Beef and Tonic Wine Company, for the invention of "an improved tonic preparation of liquid extract of beef or meat."

On their petition, recorded in the Office of the Commissioners on the 28th day of February, 1877.

963. To Charles Mansfield Lloyd, of Nine Elms, in the county of Surrey, for the invention of "improvements in shaping mouldings and planing surfaces upon stone, bricks, and factitious substances, and in the mechanism employed therefor."

On his petition, recorded in the Office of the Commissioners on the 10th day of March, 1877.

1032. To Sidney Adolphus Wittmann, of 42, Great Marlboro'-street, W., Foreign Merchant, for the invention of "an improved lever corkscrew."

On his petition, recorded in the Office of the Commissioners on the 15th day of March, 1877.

1632. To George William Weatherhogg, Mechanical Engineer, of Grummant-road, Camberwell, in the county of Surrey, for the invention of "improvements in apparatus for carburetted atmospheric air."

On his petition, recorded in the Office of the Commissioners on the 26th day of April, 1877.

1761. To Joseph Wilson Swan, of Newcastle-on-Tyne, in the county of the same town, Chemist, and Isaac Freeman, of the same place, Accountant, for the invention of "improvements in the means of printing from punctured stencils."

On their petition, recorded in the Office of the Commissioners on the 5th day of May, 1877.

1763. To Samuel Wheat, of Thorpe Tilney, in the county of Lincoln, for the invention of "improvements in railway brakes."

1765. And to Antony Lampre, of the city of Paris, in the Republic of France, for the invention of "improvements in card tables."

On both their petitions, recorded in the Office of the Commissioners on the 7th day of May, 1877.

1811. To John Mackie, of Reading, in the county of Berks, Engineer, for the invention of "an improved pulley or drum."

On his petition, recorded in the Office of the Commissioners on the 10th day of May, 1877.

1845. To Enoch Skinner, of Ranskill, in the parish of Blyth, in the county of Nottingham, Manufacturer of Tools, for the invention of "new or improved mechanism for securing the nuts as used for fish plates as applied to rails on railways."

On his petition, recorded in the Office of the Commissioners on the 11th day of May, 1877.

1853. To Louis Beaver, of Manchester, in the county of Lancaster, Goldsmith, for the invention of "improvements in scarf-rings."

1864. And to William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in and relating to steam boilers."—A communication to him from abroad by Messieurs Ch. Bourgeois and L. Bouchez, trading as such, of Arras, France, Manufacturing Engineers.

On both their petitions, recorded in the Office of the Commissioners on the 12th day of May, 1877.

1870. To Ephraim Smith, of 4, Carlisle-street, Soho-square, in the county of Middlesex, Goldsmith, for the invention of "improvements in the construction of railway signals and other signals intended to signal in the dark."

1883. And to Adolph Felsenthal (of the firm of A. and M. Felsenthal and Company), of Bury-court, in the city of London, Merchant and Manufacturer, for the invention of "improvements in hinges."

On both their petitions, recorded in the Office of the Commissioners on the 14th day of May, 1877.

1889. To Joseph Emerson Dowson, of 3, Great Queen-street, in the city of Westminster, Civil Engineer, for the invention of "improvements in furnaces for treating ores."

On his petition, recorded in the Office of the Commissioners on the 15th day of May, 1877.