

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 "International Patent Office," Southampton-buildings, London, Consulting Engineer, praying for letters patent for the invention of "improvements in looms for weaving,"—a communication to him from abroad by James Brierly, of Millbury, Massachusetts, United States of America, was deposited and recorded in the Office of the Commissioners on the 14th day of April, 1870, and a complete specification accompanying such petition was at the same time filed in the said office.

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Office of the Commissioners of Patents for
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NOTICE is hereby given, that the petition of William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, praying for letters patent for the invention of "an improved machine for drilling or boring rocks, chiefly designed for working mines, tunnels, and quarries, and for submarine operations,"—a communication to him from abroad by James Asbury McKean, of Paris, in the Empire of France,—was deposited and recorded in the Office of the Commissioners on the 14th day of April, 1870, and a complete specification accompanying such petition was at the same time filed in the said office.

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Inventions.

NOTICE is hereby given, that the petition of Benjamin Joseph Barnard Mills, of No. 35, Southampton-buildings, in the county of Middlesex, Patent Agent, praying for letters patent for the invention of "improvements in studs or buttons,"—a communication to him from abroad by John Braxton Carter, of Hartsville, in the county of Bartholomew, Jeweller, and William Dudley Knowles, of New Albany, in the county of Floyd, Dealer in Sewing Machines, both in the State of Indiana, United States of America,—was deposited and recorded in the Office of the Commissioners on the 19th day of April, 1870, and a complete specification accompanying such petition was at the same time filed in the said office.

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Inventions.

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

323. To John Sellers, of Whitcliffe-lane, Cleckheaton, in the county of York, for the invention of "an improved machine or apparatus for effecting calculations, applicable to weights, measures, time, and money."

On his petition, recorded in the Office of the Commissioners on the 4th day of February, 1870.

322. To Benjamin Wade, of Copley, near Halifax, in the county of York, Overlooker, for the invention of "improvements in self-acting signals for railways."

On his petition, recorded in the Office of the Commissioners on the 19th day of March, 1870.

911. To William McNabb, of No. 6, Cambridge-terrace, London-road, Clapton, in the county of Middlesex, Gentleman, for the invention of "improvements in bale-hoops and other bands, and in preparing, fitting, and securing the-ends thereof."

On his petition, recorded in the Office of the Commissioners on the 29th day of March, 1870.

961. To Frederick Field, of the firm of John, Charles, and John Field, of Upper Marsh, Lambeth, in the county of Surrey, and Gustav Siemssen, of No. 11, Fenchurch-buildings, in the city of London, for the invention of "the application of a new material to the production of illuminating oils and solid hydrocarbons suitable for the manufacture of candles and for other purposes."

On their petition, recorded in the Office of the Commissioners on the 2nd day of April, 1870.

999. To Edward Green, of the firm of Edward Green and Son, of the Phoenix Works, Wakefield, in the county of York, and of 14, Saint Ann's-square, Manchester, in the county of Lancaster, Fuel Economiser Manufacturers, for the invention of "improvements in apparatus for removing soot and other deposit from the tubes of steam boilers."

On his petition, recorded in the Office of the Commissioners on the 5th day of April, 1870.

1032. To Alexander Watkins, of 435, Strand, Chronometer Maker, and Robert Cory Hanrott, of 5, Gray's-inn-square, Gentleman, for the invention of "improvements in apparatus for winding and setting watches and other time keepers."

1034. To William Hugh Carson and John Vidler Toone, both of Warminster, in the county of Wilts, for the invention of "an improved automatic lamb-creep."

1038. To Charles Francis Anderson, of Abbey Wood, in the county of Kent, for the invention of "an improved apparatus to be used in window cleaning, and for other similar purposes."

1040. To William Cooper, of Bradford, in the county of York, Tin Plate Worker, for the invention of "improvements in sliver or cotton cans."

1044. And to Cromwell Fleetwood Varley, of Beckenham, in the county of Kent, for the invention of "improvements in electric telegraphs."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of April, 1870.

1046. To Henry Mallet and Cornelius Russell, of New Basford, near Nottingham, Lace Manufacturers, for the invention of "improvements in the manufacture of lace in twist lace machines."

1050. To Peter Christian Thamsen, of Copenhagen, in the Kingdom of Denmark, at present residing at No. 40, Great Tower-street, in the city of London, for the invention of "improvements in finishing linen, cotton, and other fabrics, and in apparatus to be used for such purposes."—A communication to him from abroad by Franz Friedrich Güllich, of Copenhagen, in the Kingdom of Denmark.

1052. To William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for the invention of "improvements in the construction of steam vessels, and in the arrangement of wheels for propelling the same."—A communication to him from abroad by Ferdinand Kothe, of Brunswick, Germany.