

letters patent for the invention of "improvements in breech loading fire-arms," was deposited and recorded in the Office of the Commissioners on the 22nd day of April, 1870, 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
1171. Inventions.

NOTICE is hereby given, that the petition of James Rand Clark, of Maine, of the United States of America, praying for letters patent for the invention of "machinery for knitting stockings or various other articles,"—he being the first and true inventor of such invention in part, the remainder having been communicated to him by George M. Patten, of Maine aforesaid,—was deposited and recorded in the Office of the Commissioners on the 22nd day of April, 1870, 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
1175. Inventions.

NOTICE is hereby given, that the petition of Henry Shaw, of Newport, State of Kentucky, one of the United States of America, praying for letters patent for the invention of "improvements in machinery for hulling cotton seeds and separating their kernels from the hulls and fibres,"—was deposited and recorded in the Office of the Commissioners on the 22nd day of April, 1870, 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
1191. Inventions.

NOTICE is hereby given, that the petition of Samuel Dyer Tillman, of Jersey City, in the county of Hudson, State of New Jersey, in the United States of America, praying for letters patent for the invention of "improvements in boilers, air heaters, steam condensers, and analogous constructions for transferring heat from one fluid to another," was deposited and recorded in the Office of the Commissioners on the 25th day of April, 1870, 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
1206. Inventions.

NOTICE is hereby given, that the petition of John Palmer, of the firm of Palmer Brothers, No, 10, Royal Promenade, Queen's-road, Bristol, Ironmongers, praying for letters patent for the invention of "improvements in gas cooking stoves,"—was deposited and recorded in the Office of the Commissioners on the 26th day of April, 1870, 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—

3647. To Alexander Richmond Stocker, of Thomas-street, Horsleydown, Manufacturer, for the invention of "improvements in stoppers for infant's feeding and other bottles, and in the manufacture, construction, combination, and employment of the whole or part of the articles to be used."

On his petition, recorded in the Office of the Commissioners on the 17th day of December, 1869.

765. To Gustav Jaite, of Berlin, in the Kingdom of Prussia, for the invention of "an improved telegraph."

On his petition, recorded in the Office of the Commissioners on the 15th day of March, 1870.

797. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in moulds used in stereotyping, and in apparatus for producing the same."—A communication to him from abroad by Hippolyte Auguste Marinoni, Machinist, of 13, Boulevard St. Martin, Paris.

On his petition, recorded in the Office of the Commissioners on the 17th day of March, 1870.

831. To Parlane McFarlane Walker, of the town of Ardrossan, in the county of Ayr, North Britain, Veterinary Surgeon, for the invention of "improvements in shoeing horses, and in the modes and means or appliances connected therewith."

On his petition, recorded in the Office of the Commissioners on the 21st day of March, 1870.

865. To Joseph Sawyer, of Alma-street, New North-road, London, N., in the county of Middlesex, Engineer, and John Brindley, of Sunnyside House, Chingford, in the county of Essex, Consulting Engineer, for the invention of "improvements in steam boiler and other furnaces, applicable in part to fire grates and stoves of various kinds."

On their petition, recorded in the Office of the Commissioners on the 24th day of March, 1870.

883. To Adam Dixon, of 4, Railway-place, Fenchurch-street, in the city of London, Engineer, for the invention of "improvements in railway or other season tickets, and in appliances connected therewith."

On his petition, recorded in the Office of the Commissioners on the 25th day of March, 1870.

893. To James Clifford Morgan, Henry Mucalay, and Francis William Waide, of Rotherham, in the county of York, Ironfounders, for the invention of "improvements in mantel register stoves and register stoves."

On their petition, recorded in the Office of the Commissioners on the 26th day of March, 1870.

909. To Otis Henry Weed, of Boston, Massachusetts, United States of America, Manufacturer, for the invention of "an improved combined washing machine and ironing table."

On his petition, recorded in the Office of the Commissioners on the 28th day of March, 1870.

917. To Hesketh Hughes, of Homerton, in the county of Middlesex, Engineer, for the invention of "improvements in reducing metal rods, bars, and tubes, and in apparatus in connection therewith."

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