

Office of the Commissioners on the 28th day of December, 1871, 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  
3516. Inventions.

**N**OTICE is hereby given, that the petition of Charles Jordan Goodwin, of the county of Hampden, of the State of Massachusetts, of the United States of America, praying for letters patent for the invention of "certain new and useful machinery for carding cotton or other like material, and separating from it certain motes or matters," was deposited and recorded in the Office of the Commissioners on the 29th day of December, 1871, 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  
3518. Inventions.

**N**OTICE is hereby given, that the petition of Benjamin Tanner, of New Brighton, in the county of Chester, Manufacturing Chemist, praying for letters patent for the invention of "improvements in the manufacture of phosphates of soda and other alkaline bases," was deposited and recorded in the Office of the Commissioners on the 30th day of December, 1871, 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  
3526. Inventions.

**N**OTICE is hereby given, that the petition of James Greaves, senior partner in the firm of Greaves, Cotton, and Company, of Bombay and Broach, in the East Indies, and also principal partner in the firm of James Greaves and Company, Stockport, Cheshire, praying for letters patent for the invention of "the application of a double acting moving blade to cotton gins."—A communication to him by George Cotton, a partner in the firm of Greaves, Cotton, and Company, Bombay and Broach, in the East Indies,—was deposited and recorded in the Office of the Commissioners on the 30th day of December, 1871, 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—

2367. To George Frederick Knowland and James Smith, both of the city of Bristol, for the invention of "improved mechanical arrangements especially useful in compressible spring mattresses, cushions, and seats."

On their petition, recorded in the Office of the Commissioners on the 7th day of September, 1871.

2405. To Robert Frederick Miller, of Hammer-smith, in the county of Middlesex, and 45, Upper Stanhope-street, Toxteth-park, Liverpool, in the county of Lancaster, Coach Builder, for the invention of "improvements in omnibuses and other public vehicles."

On his petition, recorded in the Office of the

Commissioners on the 12th day of September, 1871.

2486. To Charles Henry Gardner, of West Harding-street, Fetter-lane, in the city of London, Manufacturer, for the invention of "improvements in apparatus for holding parcels and other articles while being tied or otherwise acted on, and in the means of securing parcels."—A communication to him from abroad by Marie Amelia Mauger, of Reade-street, New York, in the United States of America.

2488. And to Charles Henry Gardner, of West Harding-street, Fetter-lane, in the city of London, Printing Machine Manufacturer, for the invention of "improvements in composing and distributing type, and in type and other apparatus employed therein."—A communication to him from abroad by Victor Eugène Mauger, of Reade-street, New York, in the United States of America.

On both their petitions, recorded in the Office of the Commissioners on the 21st day of September, 1871.

2779. To Andrew Blackwood Dick, of 5, Eden-quay, in the city of Dublin, Commission Agent, for the invention of "a new combined shirt front and scarf."

On his petition, recorded in the Office of the Commissioners on the 18th day of October, 1871.

2907. To Julius Roberts, of Seaford, in the county of Sussex, a Captain in Her Majesty's Royal Marine Artillery, for the invention of "improvements in the construction of floating swimming baths, and of the approaches to be used in connection therewith."

On his petition, recorded in the Office of the Commissioners on the 30th day of October, 1871.

3051. To Robert Wolstenholme, of Oldham, in the county of Lancaster, Manager, and Henry Buckley and Robert Whitehead Buckley, of the same place, Cotton Spinners, for the invention of "improvements in the mode of manufacturing velvets and velveteens."

On their petition, recorded in the Office of the Commissioners on the 11th day of November, 1871.

3148. To Thomas Roberts, of Bromley, in the county of Kent, for the invention of "improvements in the construction of closed stoves."

On his petition, recorded in the Office of the Commissioners on the 21st day of November, 1871.

3207. To David Parsell, of Saundersfoot, in the county of Pembroke, Engineer, for the invention of "improvements in steam engines and boilers."

On his petition, recorded in the Office of the Commissioners on the 27th day of November, 1871.

3223. To Marie-Guillaume Raoul Comte de Favières, of Boulevard St. Germain, 21, Paris, Householder, for the invention of "an improved process of preparing colours."

On his petition, recorded in the Office of the Commissioners on the 29th day of November, 1871.

3298. To Robert Booth, of Gorton Corn Mills, and Gun Works, Manchester, in the county of Lancaster, for the invention of "improvements in apparatus employed in the manufacture of British gum and other artificial gums."

3310. And to John Turney, of the firm of Turney Brothers, of the Trent Bridge Works, near Nottingham, in the county of Nottingham,