

Victoria, Australia, Engineer,—was deposited and recorded in the Office of the Commissioners on the 6th day of September, 1878, 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
3537. Inventions.

NOTICE is hereby given, that the petition of Jean Baptiste Vernhet, Contractor of Public Works, of Marseille, France, praying for letters patent for the invention of "an improved screw spanner," was deposited and recorded in the Office of the Commissioners on the 6th day of September, 1878, 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
3570. 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 the construction of toys,"—a communication to him from abroad by William Sumner Reed, of Leominster, Massachusetts, United States of America,—was deposited and recorded in the Office of the Commissioners on the 9th day of September, 1878, 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
3577. Inventions.

NOTICE is hereby given, that the petition of Herbert John Haddan, of the firm of Herbert and Company, Solicitors of Patents, of 67, Strand, in the city of Westminster, Civil Engineer, praying for letters patent for the invention of "improvements in horse shoes and in machinery for rolling blanks for same,"—a communication to him from abroad by James William Chesnut, of Pomeroy, State of Ohio, United States of America,—was deposited and recorded in the Office of the Commissioners on the 10th day of September, 1878, 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
3588. 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 and relating to ring holders for spinning frames,"—a communication to him from abroad by George Draper Edmands, of Milford, Massachusetts, United States of America, Machinist,—was deposited and recorded in the Office of the Commissioners on the 10th day of September, 1878, 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—

2711. To Edward William West, of Liverpool, in the county of Lancaster, Ironfounder, and John Sturgeon, of Newlay, near Leeds, Engineer, and Thomas Sturgeon, of Newlay, near Leeds, Engineer, for the invention of "improvements in direct-acting steam pumping engines, parts of which improvements are applicable to other types of motive power engines."

On their petition, recorded in the Office of the Commissioners on the 6th day of July, 1878.

2860. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved process of dyeing textile materials."—A communication to him from abroad by François Gillet, Joseph Gillet, and François Gillet, junior, trading as Gillet and Son, all of Lyons, France, Dyers.

On his petition, recorded in the Office of the Commissioners on the 18th day of July, 1878.

2977. To John Thomas, of Eastfield House, Cowbridge, for the invention of "an improved machine for dibbling mangold and turnip seeds."

On his petition, recorded in the Office of the Commissioners on the 26th day of July, 1878.

3014. To John Bigg, Smith and Farrier, of Roydon, Essex, near Ware, for the invention of "improvements in the means or apparatus for roughing horses."

On his petition, recorded in the Office of the Commissioners on the 30th day of July, 1878.

3041. To Robert Henry Rowden Clark, 40, Conduit-street, London, W., for the invention of "an improved pastry baking machine for ovens."

On his petition, recorded in the Office of the Commissioners on the 31st day of July, 1878.

3098. To Salvatore Garau, of Samassi, in the Isle of Sardinia, but at present residing at 126, Stockwell Park road, Brixton, in the county of Surrey, Gentleman, for the invention of "improvements in means of raising sunken vessels, and in apparatus therefor."

On his petition, recorded in the Office of the Commissioners on the 6th day of August, 1878.

3122. To Thomas Harris, of Stoneleigh, in the county of Warwick, Farmer, and James William Glover, of Warwick, in the same county, Agricultural Implement Maker, for the invention of "an improved construction of implement for skimming or cultivating land."

On their petition, recorded in the Office of the Commissioners on the 7th day of August, 1878.

3173. To John Gilbert Surman, 1, Amersham-road, New Cross, Kent, for the invention of "an improved boat for sub-aqueous warfare."

On his petition, recorded in the Office of the Commissioners on the 12th day of August, 1878.

3196. To Antonio Lombardi, Photographic Artist, of Brighton and Pall Mall, London, for the invention of "improvements in poikilography."

3207. And to Henry Wickens, of Palmerston-buildings, Old Broad-street, in the city of London, Patent Agent, for the invention of "improvements in the construction of footboards to railway carriages."

On both their petitions, recorded in the Office