

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for
2583. Inventions.

NOTICE is hereby given, that the petition of George Haseltine, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, praying for letters patent for the invention of "improvements in churns,"—a communication to him from abroad by Elias Groat, Milo Bushnell Pond, and William Cantelow, all of Napa, California, United States of America,—was deposited and recorded in the Office of the Commissioners on the 30th day of September, 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
2599. Inventions.

NOTICE is hereby given, that the petition of William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, praying for letters patent for the invention of "improvements in the manufacture of inflammable gases, and in apparatus employed therefor,"—a communication to him from abroad by Edward Harris Potter, of the City and State of New York, United States of America,—was deposited and recorded in the Office of the Commissioners on the 2nd day of October, 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.

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

1497. To Henry Shaw, Letter Press Printer, of Number 16, Brunswick-terrace, Camberwell, in the county of Surrey, for the invention of "improvements in the means for retarding the wheels of railway carriages in motion."

On his petition, recorded in the Office of the Commissioners on the 6th day of June, 1871.

1617. To Edward Jones, of Birmingham, in the county of Warwick, Machinist, for the invention of "improvements in machinery for the manufacture of metallic cartridge cases."

On his petition, recorded in the Office of the Commissioners on the 20th day of June, 1871.

1737. To Henry Bessemer, of Queen-street-place, Cannon-street, in the city of London, for the invention of "improvements in the construction of pavements or floors of the class generally known as asphalt pavement or floors."

On his petition, recorded in the Office of the Commissioners on the 4th day of July, 1871.

2001. To Nathaniel Clayton and Joseph Shuttleworth, of the city of Lincoln, Engineers, for the invention of "improvements in the construction and mode of fixing the brackets which carry the crank shaft bearings of portable and other steam engines."

On their petition, recorded in the Office of the Commissioners on the 29th day of July, 1871.

2027. To John Petrie, Junior, of Rochdale, in the county of Lancaster, Machine Maker, for the invention of "improvements in machinery

or apparatus for steeping, scouring, and washing wool and other fibrous materials."

On his petition, recorded in the Office of the Commissioners on the 1st day of August, 1871.

2033. To Edme Augustin Chameroy, of Paris, Boulevard de Strasbourg, No. 123, for the invention of "improvements in apparatus for regulating the pressure in delivery-pipes of water, gas, steam, and other fluids."

On his petition, recorded in the Office of the Commissioners on the 2nd day of August, 1871.

2137. To Thomas Giles, of No. 11, Craven-street, Hulme, Manchester, in the county of Lancashire, for the invention of "improvements in steam engines and in slide valves for the same."

On his petition, recorded in the Office of the Commissioners on the 14th day of August, 1871.

2143. To Jasper Augustus Smart, of Kendal, in the county of Westmorland, Shoemaker, for the invention of "improved apparatus for, and means of, extracting grease from 'scrap' or waste leather."

2145. To William Mitchell, of Waterfoot, near Manchester, in the county of Lancaster, for the invention of "improvements in machinery or apparatus to be used in printing felt carpets and druggets."

2153. And to Daniel Cole Lowber, of the firm of Laughland and Company, of Church-street, Warrington, in the county of Lancaster, for the invention of "improvements in presses for compressing trusses or bales of hay, straw, and other merchandize."

On their several petitions, recorded in the Office of the Commissioners on the 15th day of August, 1871.

2169. To Walter Weldon, of 29, The Cedars, Putney, in the county of Surrey, for the invention of "improvements, having for object, the recovery of the sulphur employed in the manufacture of soda and potash."

2173. To John Norman, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in apparatus for abstracting heat."

2177. And to Kenneth Murray, of Tain, in the county of Ross, North Britain, Esquire, for the invention of "improvements in the construction of fences."

On their several petitions, recorded in the Office of the Commissioners on the 18th day of August, 1871.

2189. To William Henry Moore, of 11, High-street, Denmark-hill, in the county of Surrey, for the invention of "improvements in filters."

On his petition, recorded in the Office of the Commissioners on the 19th day of August, 1871.

2207. To Niels Jochumsen, of Leith, in the county of Midlothian, North Britain, for the invention of "an improved material applicable to the manufacture of valves for pumps and other purposes."

On his petition, recorded in the Office of the Commissioners on the 22nd day of August, 1871.

2223. To George Watson, of Plaistow, in the county of Essex, in the Kingdom of England, Engineer, and Hugh Andrews, of Belfast, in the county of Antrim, in the Kingdom of Ireland, and also of Newcastle-on-Tyne, in the county of Northumberland, in the Kingdom of England, Ship Owner, for the invention of "an improved safety valve for marine boilers and other purposes."

On their petition, recorded in the Office of the Commissioners on the 24th day of August, 1871.