

and the Law Officer to whom the same may be referred for leave, to be certified by his fiat and signature, to file in the Great Seal Patent Office with the specification to which the same relates, a memorandum of alteration of certain parts of the said specification; and any person intending to oppose such application must give notice thereof at the Office of the Solicitor-General, No. 11, New-square, Lincolns'-inn, within ten days from the date hereof.—Dated 1st October, 1863.

Phillips and Son, No. 11, Abchurch-lane, E.C., Agents for the Petitioner.

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given, that provisional protection has been allowed

1401. To Arthur Quentin de Gromard, of Paris, France, Gentleman, for the invention of "improvements in musical instruments."

On his petition, recorded in the Office of the Commissioners on the 5th day of June, 1863.

1605. To Henry Clay Lee, of Lawrence Pountney-lane, in the city of London, Merchant, for the invention of "improvements in the construction of sewing machines."—A communication to him from abroad by Richard Mott Wanzer, of Hamilton, Canada West, America.

On his petition, recorded in the Office of the Commissioners on the 25th day of June, 1863.

1924. To Eugène Alphonse Cotelle, of No. 29, Boulevard St. Martin, Paris, Empire of France, Distiller, for the invention of "a new method of manufacturing gas alcohol by means of diluted acids acting indefinitely without re-concentration."

On his petition, recorded in the Office of the Commissioners on the 4th day of August, 1863.

1989. To Louis Rudolph Bodmer, of 2, Thavies-Inn, in the city of London, Patent Agent, for the invention of "an improved mode and apparatus for dressing and finishing, and for imparting lustre to yarn and thread made of silk, cotton, and other fibrous substances."—A communication to him from abroad by Emanuel Bürgy and Louis Guillemin, both of Bâle, in the Republic of Switzerland.

1995. And to Robert Stirling Newall, of Gateshead, in the county of Durham, for the invention of "improvements in apparatus for serving ropes for ship's rigging, and other purposes."

On both their petitions, recorded in the Office of the Commissioners on the 12th day of August, 1863.

1998. To Charles Colton Dennett, of Nottingham, in the county of Nottingham, Builder, for the invention of "an improved method of fire proof construction for buildings by the use of arches formed of concrete."

On his petition, recorded in the Office of the Commissioners on the 13th day of August, 1863.

2030. To John Grantham, of 31, Nicholas-lane, in the city of London, Civil Engineer, for the invention of "improvements in apparatus for manufacturing salt."

On his petition, recorded in the Office of the Commissioners on the 15th day of August, 1863.

2091. To Henry Batt, of 21, Charlton, Kings-road, Kentish Town, in the parish of St. Pancras, and in the county of Middlesex, for the invention of "improvements in roughing horses without taking off the shoe."

2096. And to Frederick Rice Stack, late Captain in the 65th Regiment of Foot, and Major of Brigade at Auckland, New Zealand, now residing at Belgrave-villa, Finchley, in the county of Middlesex, for the invention of "improvements in the construction of military bridges, piers, landing stages, and escalading apparatus."

On both their petitions, recorded in the Office of the Commissioners on the 24th day of August, 1863.

2121. To George Richards, of 2, Caroline-street, Bedford-square, in the county of Middlesex, Esquire, for the invention of "improvements in the construction of ordnance and fire-arms, and in the projectiles to be used therewith."

On his petition, recorded in the Office of the Commissioners on the 27th day of August, 1863.

2127. To Louis Alexandre Mulet, of Rue St. Charles, No. 1, in the Thernes, Paris, in the Empire of France, Merchant, for the invention of "an improved method of shoeing horses, and covering the feet or hoofs of other domestic animals with hardened india-rubber, gutta-percha, and other improved similar materials."

On his petition, recorded in the Office of the Commissioners on the 28th day of August, 1863.

2137. To William Whitworth, Engineer, and Joseph Wrigley, both of Sowerby Bridge, near Halifax, in the county of York, for the invention of "improvements in or applicable to the furnaces of steam boilers."

On their petition, recorded in the Office of the Commissioners on the 29th day of August, 1863

2169. To Reuben Sims, of the firm of Picksley, Sims, and Company, Bedford Foundry, Leigh, in the county of Lancaster, Agricultural Implement Makers and Iron Founders, for the invention of "improvements in reaping and mowing machines."

On his petition, recorded in the Office of the Commissioners on the 2nd day of September, 1863.

2174. To Amand Louis Durand, of 10, Rue de la Fidélité, Paris, Merchant, for the invention of "certain improvements in the manufacture of nails and other similar articles."

On his petition, recorded in the Office of the Commissioners on the 3rd day of September, 1863.

2183. To Charles Thornhill, of Sheffield, in the county of York, Merchant, for the invention of "a new or improved method of adapting steel or other suitable metallic wire to be used instead of animal bristles or hair, in sewing boots, shoes, saddlery, and leather works generally."

2184. To Charles Grant Kelvey, of Rock Ferry, in the county of Chester, Watch Manufacturer, and William Holland, of the same place, Manager, for the invention of "improvements in the construction of chronometers and other time keepers."

2185. And to John Hendry and William Coutts, both of the city and county of Aberdeen, North Britain, Merchants, for the invention of "improvements in furnaces."

On their several petitions, recorded in the Office of the Commissioners on the 4th day of September, 1863.

2198. To Josias Bull York, of Coleshill, in the county of Warwick, Gentleman, for the invention of "improvements in privies or closets, to be used in place of water closets."

On his petition, recorded in the Office of the Commissioners on the 7th day of September, 1863.