

Manufacturer, praying for letters patent for the invention of "improvements in lamps for railway and other carriages, and in connecting lamps to carriages, a part of which improvements may also be applied to handles for carriages," was deposited and recorded in the Office of the Commissioners on the 17th day of June, 1865, 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
1649. Inventions.

NOTICE is hereby given, that the petition of Philippe Mingaud, of Nismes (Gard), in the Empire of France, and now residing at No. 15, Hunter-street, Brunswick-square, in the county of Middlesex, Chemist, praying for letters patent for the invention of "improvements in obtaining jellies, syrups, drinks, and other products from the tree *Arbutus Unedo*, known as the *Arbutus*," was deposited and recorded in the Office of the Commissioners on the 20th day of June, 1865, 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

399. To David Barr, of No. 4, Cherry-street, William Henry Page, of Lord-street, and James Clement Newey, of Brearley-street, all in the borough of Birmingham, Machinists, for the invention of "improvements in machinery and tools for making collars, cuffs, wristbands, and other articles of dress, also adapted for cutting metal blanks."

On their petition, recorded in the Office of the Commissioners on the 13th day of February, 1865.

1118. To Robert Griffiths, of Mold, in the county of Flint, Engineer, for the invention of "improvements in screw propelling apparatus."

On his petition, recorded in the Office of the Commissioners on the 21st day of April, 1865.

1315. To Emile Cordonnier, of No. 82, Boulevard Sebastopol, Paris, in the Empire of France, Geometrician, for the invention of "improvements in tents and stalls, and in the means of fixing them in the ground."

On his petition, recorded in the Office of the Commissioners on the 12th day of May, 1865.

1364. To Fielding Fletcher, of 15, Fordrough-street, Birmingham, in the county of Warwick, Plumber's Brassfounder, for the invention of "improvements in water closets."

On his petition, recorded in the Office of the Commissioners on the 17th day of May, 1865.

1404. To James Shand, of the firm of Shand, Mason, and Company, of Upper Ground-street, Blackfriar's-road, in the county of Surrey, for the invention of "improvements in fire engines."

On his petition, recorded in the Office of the Commissioners on the 22nd day of May, 1865.

1442. To Jeffery Eustace, of Luton, Bedfordshire, for the invention of "an improved composition to be employed in the manufacture of bonnets and hats."

On his petition, recorded in the Office of the Commissioners on the 25th day of May, 1865.

1481. To Jonathan Jopling, of Bishopwearmouth, in the county of Durham, Smith, for the invention of "improvements in apparatus for propelling and steering vessels."

1484. And to Benjamin Lawrence, of Coleman-street, in the city of London, Merchant, for the invention of "an improvement in inkstands."—A communication to him from abroad by Phineas Lawrence, of the city and State of New York, United States of America.

On both their petitions, recorded in the Office of the Commissioners on the 30th day of May, 1865.

1502. To Henry Martin, of 80, Conduit-street, Leicester, for the invention of "improvements in apparatus for signalling on railway trains, and for effecting communication between parts of such trains."

1504. To David Hancock and Frederick Barnes, both of High Wycombe, in the county of Bucks, for the invention of "a new or improved method of obtaining motive power, together with certain machinery or apparatus for applying the same."

1505. To Herbert Allman, of 10, Amptill-square, in the county of Middlesex, Civil Engineer, for the invention of "certain improvements in the formation and construction of metallic vessels, chambers, or hollow cylinders used in hydraulic apparatus, cannon, or heavy guns, and for like purposes."

1508. To Thomas Brinsmead, of St. Giles in the Wood, near Torrington, in the county of Devon, for the invention of "an improved exercising chair for infants."

1510. To Frederick Knight, of Burton-upon-Trent, in the county of Stafford, Hot Water Engineer, for the invention of "an improved economic boiler for hot water apparatus, applicable for the heating of hot houses, churches, and other public buildings."

1512. To Henry Mallet, of St. Mary's Gate, Nottingham, Lace Manufacturer, for the invention of "improvements in the manufacture of lace in twist lace machines."

1514. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improved machinery for raising the pile of woven or other fabrics."—A communication to him from abroad by Pierre Nos d'Argence, of Paris, in the Empire of France.

On their several petitions, recorded in the Office of the Commissioners on the 1st day of June, 1865.

1515. To Herbert Allman, of 10, Amptill-square, in the county of Middlesex, Civil Engineer, for the invention of "certain improvements in the means employed for the prevention of the ignition of matter capable of ignition or combustion."

1516. To John Nuttall, Manager of the works of James Nasmyth and Company, Bridgewater Foundry, Patricroft, near the city of Manchester, for the invention of "improvements in valves for steam and other fluids and liquids."

1518. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in electro magnetic clocks, and other time keepers."—A communication to him from abroad by Jean Theodore Scholte, of Paris, France.

1520. To George Kent, of High Holborn, and William Hayward West, of Orange-street, Red Lion-square, Holborn, both in the county of Middlesex, for the invention of "improvements in apparatus used when boiling milk."