

1702. And John Middleton and James Conlong, of Blackburn, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in machinery or apparatus for grinding the card cylinders of carding engines."

As set forth in their respective petitions, all recorded in the said office on the 8th day of July, 1864.

1718. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "improved apparatus for measuring the flow of liquids."—A communication to him from abroad by Jacob Schneuhr, of Saint Petersburg, in the Empire of Russia.

1722. And Thomas Amies, William Barford, and Edward Pope, all of Peterborough, in the county of Northampton, have given the like notice in respect of the invention of "improvements in rollers used for rolling grass and other lands and roads."

As set forth in their respective petitions, both recorded in the said office on the 11th day of July, 1864.

1725. And Zephaniah Bridgewater Smith, of Dudley, in the county of Worcester, Manufacturer, and John Richards, of Tipton, in the county of Stafford, Smith, have given the like notice in respect of the invention of "improvements in railway chairs."

1726. And Benjamin Greenwood, Brush Manufacturer, and Isaac Underwood, Hair Dresser, both of Bradford, in the county of York, have given the like notice in respect of the invention of "improvements in hair and flesh brushes."

1727. And Stephen Carey, of East Ham, in the county of Essex, Animal Charcoal Manufacturer, has given the like notice in respect of the invention of "improvements in apparatus for calcining bones, and for reburning and revivifying animal charcoal."

1729. And Ludwig Schad, of Cassel, in the Electorate of Hesse, at present residing temporarily at Warrington, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the manufacture of pigments."

1733. And John Tomlinson, of Kimberley, in the county of Nottingham, Gentleman, and Thomas Brassington, of the town and county of the town of Nottingham, Gentleman, have given the like notice in respect of the invention of "improvements in securing envelopes, cases, covers, or wrappers."

1735. And Adolph Bösch, of No. 30, Hatton-garden, in the city of London, has given the like notice in respect of the invention of "improvements in the manufacture of window blinds."—A communication to him from abroad by Max Baumstark, a person resident at No. 2, Cavo Vettabbia, Milan.

1736. And William Barford and Edward Pope, of Peterborough, and Samuel Bradford, of Farcet, in the county of Huntingdon, have given the like notice in respect of the invention of "improvements in chaff cutting machines."

As set forth in their respective petitions, all recorded in the said office on the 12th day of July, 1864.

1739. And Joseph Francis, of Whitefriars, in the city of London, has given the like notice in respect of the invention of "improvements in machinery or apparatus for screening and cleaning grain and seeds."

1744. And Victor Pean, Gentleman, and Alphonse François Le Gros, Architect, of No. 10, Rue de la Fidélité, Paris, in the Empire of France, have given the like notice in respect of the invention of "certain improvements in coffins, and for preventing noxious emanations from dead bodies."

As set forth in their respective petitions, both recorded in the said office on the 13th day of July, 1864.

1764. And Frederick William Turner, of Linslade Works, Linslade, in the county of Bucks, Engineer, has given the like notice in respect of the invention of "improvements in implements for cultivating the soil."

1767. And John Clark, of the North London Railway Works, Bow, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "an instantaneous self acting and continuing alarm actuated by eccentric or ratchet wheels, but requiring no end-couplings, for the protection of passengers in railway trains."

As set forth in their respective petitions, both recorded in the said office on the 14th day of July, 1864.

1770. And Jones Saunders, of Greenwich, in the county of Kent, Engineer, has given the like notice in respect of the invention of "improvements in instruments for indicating the density of the water used in steam boilers."

1771. And Daniel Bond Grove, of Birmingham, in the county of Warwick, Manager, and William Carron, of Birmingham aforesaid, Machinist, have given the like notice in respect of the invention of "improvements in envelopes."

1776. And John Gill, of Edinburgh, in the county of Midlothian, North Britain, has given the like notice in respect of the invention of "improved means for facilitating reciprocating movements of heavy parts of machinery."

1778. And James Chalmers, of No. 2, Bickerton-terrace, Haverstock-hill, has given the like notice in respect of the invention of "improvements in armour for ships of war, floating batteries, and fortifications."

1779. And Thomas Wickham, of Pen-y-Pwnd House, Abergavenny, county of Monmouth, Major Unattached, in Her Majesty's Army, has given the like notice in respect of the invention of "an improved mode of calculating distances in rifle shooting and apparatus connected therewith."

As set forth in their respective petitions, all recorded in the said office on the 15th day of July, 1864.

1784. And Amelie Angelina Bonnet, of No. 10, Rue de la Fidélité, Paris, in the Empire of France, has given the like notice in respect of the invention of "certain improvements in the mode of preparing and applying chemical fumigations to the treatment of human diseases, and in apparatus connected therewith."—Partly a communication to her by her late husband, M. Leon Bonnet, and partly invented by herself.

As set forth in her petition, recorded in the said office on the 16th day of July, 1864.

1795. And Frederic Seebohm, of Düsseldorf, in the Kingdom of Prussia, and of the town and county of the town of Newcastle-upon-Tyne, Merchant and Manufacturer, has given the like notice in respect of the invention of "improvements in the manufacture of iron."