

patent for the invention of "improvements in machinery for preparing and spinning fibrous materials," was deposited and recorded in the Office of the Commissioners on the 6th day of August, 1856, 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
1868. Inventions.

NOTICE is hereby given, that the petition of John Woodman, of the city of Manchester, in the county of Lancaster, Engineer, praying for letters patent for the invention of "an improved telegraph insulator," was deposited and recorded in the Office of the Commissioners on the 8th day of August, 1856, 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

1691. To Etienne Mehrel, of Paris, France, Carpenter, for the invention of "improvements in hand planes."

On his petition, recorded in the Office of the Commissioners on the 18th day of July, 1856.

1740. To Samuel Frédéric Berthiez, of No. 6 Red Lion-street, Borough, in the county of Surrey, for the invention of "an improvement in engines to be worked by a new elastic fluid in substitution of steam generated out of water."

On his petition, recorded in the Office of the Commissioners on the 23rd day of July, 1856.

1784. To John Coplin, of Falmouth, in the county of Cornwall, Merchant, for the invention of "improvements in ships windlasses."

1785. To George Ritchie, of 3, Ponsonby-street, Pimlico, for the invention of "improvements in the manufacture of boots and shoes from materials not hitherto used for that purpose."

1786. To Henry Robinson, of Settle, in the county of York, Coal Agent, for the invention of "improvements in arrangements and mechanism for the conveyance or transport of loads or weights."

1788. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved instrument for taking altitudes."—A communication.

On their several petitions, recorded in the Office of the Commissioners on the 28th day of July, 1856.

1790. To Peter Joel Livsey, of the city of Manchester, in the county of Lancaster, Patent Agent, for the invention of "improvements in arrangements and mechanism for rotating and retaining the rollers of window blinds."

1794. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "certain improvements in the process of generating illuminating gas."—A communication.

1796. And to George Davies, of the Office for Patents, No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, Civil Engineer, for the invention of "an improved portable appa-

ratus for copying letters and other manuscripts."

—A communication.

On their several petitions recorded in the Office of the Commissioners on the 29th day of July, 1856.

1798. To Felix Caron, of Great Titchfield-street, in the county of Middlesex, for the invention of "improvements in fastening the handles of door locks and door finger plates."

1800. And to Henri Evette, Manufacturer, of Lizieux, town in the French Empire, for the invention of "improvements in looms for weaving."

On both their petitions, recorded in the Office of the Commissioners on the 30th day of July, 1856.

1804. To Joseph Hopwood, of Bolton-le-Moors, in the county of Lancaster, Millwright, for the invention of "improvements in machinery for measuring and folding fabrics."

1805. To George Holcroft, of the city of Manchester, in the county of Lancaster, Consulting Engineer, and Peter Johnson, of Wigan, in the same county, Cotton Spinner, for the invention of "improvements in the manufacture of cement, and in the application of a known material to cementing purposes."

1806. To John James Kerr, of Twickenham, in the county of Middlesex, Lieutenant in the Royal Navy, for the invention of "improvements in the manufacture of cartridges for fire-arms."

1807. To Constantine John Baptist Torassa, of Genoa, for the invention of "improvements in obtaining motive power by the aid of explosive gases."

1808. To John Evans, of Castleton, in the parish of Monkton, in the county of Pembroke, Annuitant, for the invention of "a progressive lever, by which is obtained an increase of power over the amount of power applied."

1809. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "a new musical instrument to be played by the agency of steam or highly compressed air."—A communication.

1810. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "a new or improved process for obtaining aluminium."—A communication from Messrs. Rousseau Frères and Paul Morin, of Paris.

1811. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "an improvement in the construction of carriages and wagons."—A communication.

1812. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "an improved augur or boring tool."—A communication.

1813. To Pierre Marie Joseph Chamblant, of 36, Rue de Lanery, Paris, for the invention of "improvements in the manufacture of glass."

1814. To William Coltman, of Leicester, Wine Merchant, for the invention of "improvements in knitting machinery."

1815. To Thomas Wicksteed, of Coleman-street, in the city of London, Civil Engineer, for the invention of "improvements in separating sewage and other matters from water or fluid mixed therewith."

1816. And to Thomas Routledge, of 17, Gracechurch-street, for the invention of "improvements in the manufacture of half stuff and paper."

On their several petitions, recorded in the Office of the Commissioners on the 31st day of July, 1856.