

corded in the Office of the Commissioners on the 26th day of August, 1859, 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

1654. To Thomas Wright, of No. 9, George-yard, Lombard-street, in the city of London, Engineer, for the invention of "improvements in the permanent way of railways, and in the means of preventing railway accidents thereon." On his petition, recorded in the Office of the Commissioners on the 12th day of July, 1859.

1770. To Henry Justinian Newcome, of Shenley, near Barnet, in the county of Herts, for the invention of "an apparatus for heating or warming buildings." On his petition, recorded in the Office of the Commissioners, on the 30th day of July, 1859.

1782. To Eugene de Bassano, of Brussels, in the Kingdom of Belgium, Gentleman, for the invention of "improvements in the manufacture of artificial fuel, commonly called patent fuel." On his petition recorded in the Office of the Commissioners on the 1st day of August, 1859.

1802. To Benjamin Tweedy, at present residing at Utrecht, in the Kingdom of the Netherlands, Engineer, for the invention of "an improved mode of and apparatus for consuming smoke in locomotive and other engine furnaces, whereby coal can be used instead of coke." On his petition, recorded in the Office of the Commissioners on the 5th day of August, 1859.

1812. To William Richard Drake, of No. 46, Parliament-street, Westminster, in the county of Middlesex, Gentleman, for the invention of "an apparatus for conducting electricity in the sea, and for telegraphing and sounding in deep water."—A communication from abroad, by Emile Schneider, of Ecole de droit Saint Petersburg, in the Empire of Russia.

On his petition, recorded in the Office of the Commissioners on the 6th day of August, 1859.

1848. To Joseph Waite, of Cheltenham, in the county of Gloucester, Chemist, for the invention of "improvements in making infusions for pharmaceutical purposes, which improvements are also applicable to other purposes of a similar nature." On his petition, recorded in the Office of the Commissioners, on the 9th day of August, 1859.

1856. To William White, of No. 34, North Audley-street, Grosvenor-square, for the invention of a four-wheeled safety sociable carriage." On his petition, recorded in the Office of the Commissioners on the 11th day of August 1859.

1888. To John Henry Great Rex, of Regent's-quadrant, in the county of Middlesex, Gentleman, for the invention of "improvements in the construction of dwelling-houses or other buildings, for the purpose of facilitating the escape of the inmates in case of fire." On his petition, recorded in the Office of the Commissioners on the 16th day of August, 1859.

1892. To James Sidebottom, of Waterside, in the county of Derby, Cotton Spinner, for the invention of "certain improvements in power looms for weaving."

1896. And to Septimus Beardmore, of No. 27 Albion-street, Hyde-park, London, Civil Engineer, for the invention of "improvements in electric batteries."

On both their petitions, recorded in the Office of the Commissioners, on the 17th day of August, 1859.

1898. To Weston Grimshaw, of Lower Broughton, near the city of Manchester, Gentleman, and Samuel Mason, Junior, of the city of Manchester, Machinist, for the invention of "improvements in machinery, and apparatus employed in washing, bowking, bleaching, and preparing flax, and other substances."

1900. And to Adolphe Joseph Canu, of Paris, France, Civil Engineer, for the invention of "improvements in machines for breaking or crushing stones, minerals, or other similar materials."

On both their petitions, recorded in the Office of the Commissioners on the 18th day of August, 1859.

1904. To Peter Salmon, of Glasgow, in the county of Lanark, Merchant, for the invention of "improvements in locomotives, and in apparatus for warming trains of carriages connected thereto."

1905. To William Thomas Henley, Telegraph Engineer, of St. John-street-road, Clerkenwell, in the county of Middlesex, for the invention of "improvements in machinery for the manufacture of ropes and cables, and for paying out and picking up submarine telegraph cables."

1906. To Swinton Boulton, of Liverpool, in the county of Lancaster, Actuary, for the invention of "improvements in the means of, or apparatus for retarding railway carriages."

1907. To John Jackson, of Worsley, in the county of Lancaster, Joiner, and Joseph Thorley, of the same place, Overlooker, for the invention of "improvements in hoists for raising and lowering weights."

1908. To John Fowler, Junior, Robert Burton, and David Greig, Junior, all of Cornhill, in the city of London, Edward Ellis Allen, of Park Side, Knightsbridge, and William Worby, of Ipswich, for the invention of "improvements in ploughs, cultivators, or tilling implements, and in machinery for giving motion to the same by steam power."

1909. And to Henry William Harman, of Manchester, in the county of Lancaster, Civil Engineer, for the invention of "improvements in steam boilers, and in working the same, and in safety valves, and apparatus connected therewith."

On their several petitions, recorded in the Office of the Commissioners, on the 19th day of August, 1859.

1911. To Edwin Hardon, of Stockport, in the county of Chester, Manufacturer, for the invention of "certain improvements in looms for weaving."

1912. To William Finegan, of Belfast, in the county of Antrim, Ireland, Engineer, for the invention of "improvements in apparatus for lubricating machinery."

1913. To David Grant, of Edinburgh, in the county of Mid Lothian, North Britain, Gas Meter Manufacturer, for the invention of "improvements in Wet Gas Meters."

1914. To George William Pether, and Thomas Dixon Galpin, both of Belle Sauvage-yard, Ludgate-hill, in the city of London, Printers and copartners, for the invention of "improvements in printing presses."