

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given, that the petition of William Henry Richards, of Newton, in the county of Middlesex, in the State of Massachusetts, of the United States of America, praying for letters patent for the invention of "a new and useful or improved combined knife, fork and spoon for camp or other purposes," was deposited and recorded in the Office of the Commissioners on the 7th day of August, 1861, and a complete specification accompanying such petition was at the same time filed in the said office.

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NOTICE is hereby given, that provisional protection has been allowed

1527. To William Cave Thomas, of No. 6, Wells-street, Oxford-street, in the county of Middlesex, Gentleman, for the invention of "improvements in metal casing or armour for the defence of ships and batteries."

On his petition, recorded in the Office of the Commissioners on the 14th day of June, 1861.

1565. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improved apparatus for transmitting motion."—A communication to him from abroad by William Sellers and Coleman Sellers, of Philadelphia, in the United States of America.

On his petition, recorded in the Office of the Commissioners on the 18th day of June, 1861.

1643. To William McNaught, of Manchester, in the county of Lancaster, Engineer, for the invention of "an improved method of supporting diagonal, condensing, and other steam engines."

1647. And to John Doughty, of Craven-buildings, Drury-lane, in the county of Middlesex, for the invention of "an improved apparatus for obtaining and applying motive power."

On both their petitions, recorded in the Office of the Commissioners on the 27th day of June, 1861.

1659. To James Bailey Hawkins, of North-street, Limehouse, in the county of Middlesex, Plumber, for the invention of "improvements in the construction of cocks for drawing off liquids and vapours, and for regulating the flow or passage thereof."

On his petition, recorded in the Office of the Commissioners on the 28th day of June, 1861.

1671. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex; and of 166, Buchanan-street, in the city of Glasgow, North Britain, Gentleman, for the invention of "improvements in apparatus for manufacturing and bottling aerated liquids."—A communication to him from abroad by Messieurs Auguste Mondollot and Jean Alphonse Mondollot, frères, of Paris, Merchants and Manufacturers.

1673. And to James Shepherd and William Goodfellow, of the city of Manchester, in the county of Lancaster, Engineers, for the invention of "improvements in apparatus for carrying off the scum in the water in steam boilers."

On both their petitions, recorded in the Office of the Commissioners on the 1st day of July, 1861.

1719. To John Edward Reid, of No. 20, Fleming-road, Newington, in the county of Surrey, Sur-

vveyor, for the invention of "a safety window sash fastner and draught excluder."

On his petition, recorded in the Office of the Commissioners on the 6th day of July, 1861.

1757. To William Bridges Adams, of Hollymount, Hampstead, Middlesex, Engineer, for the invention of "improvements in locomotive engines and trains."

On his petition, recorded in the Office of the Commissioners on the 12th day of July, 1861.

1811. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, and of 166, Buchanan-street, in the city of Glasgow, North Britain, Gentleman, for the invention of "improvements in capstans and windlasses."—A communication to him from abroad by Louis Frederic Francois David, of Paris, in the Empire of France, Chain and Cable Manufacturer.

On his petition, recorded in the Office of the Commissioners on the 13th day of July, 1861.

1817. To Robert Mushet, of Coleford, in the county of Gloucester, Metallurgist, for the invention of "improvements in the manufacture of cast steel."

1825. And to John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, and of 166, Buchanan-street, in the city of Glasgow, North Britain, Gentleman, for the invention of "improvements in the manufacture of ships' armour plates and other heavy forgings, and in the machinery or apparatus employed therein."—A communication to him from abroad by Hippolyte Ulysse Petin and Jean Marie Gaudet, of the firm of Petin, Gaudet, and Company, of Rive de Gier, in the Empire of France, Iron Masters.

On both their petitions, recorded in the Office of the Commissioners on the 19th day of July, 1861.

1842. To Charles Batty, of 196, Marylebone-road, county of Middlesex, Atmospheric Engineer, for the invention of "improvements in the means of preventing the extension of fire in buildings."

On his petition, recorded in the Office of the Commissioners on the 23rd day of July, 1861.

1865. To Benjamin Brown, of Bury, in the county of Lancaster, Mechanic, and Richard Hacking, of the same place, Machine Maker, for the invention of "certain improvements in machinery or apparatus employed in spinning cotton, wool, silk, and other fibrous substances."

1867. To Daniel Spink, of Eastbourne, in the county of Sussex, for the invention of "improvements in steam-engines."

1869. To Edward Haeffely, of Kearsley, in the county of Lancaster, Analytical Chemist, for the invention of "improvements in extracting copper from its ores."

1871. And to Charles Robertson, of Edinburgh, in the county of Mid Lothian, North Britain, Advocate, for the invention of "improvements in sights for fire arms."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of July, 1861.

1877. To William Wigfall, of Sheffield, in the county of York, Brush Manufacturer, for the invention of "improvements in the manufacture of brushes and brooms."

On his petition, recorded in the Office of the Commissioners on the 26th day of July, 1861.