

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for
Inventions.

NOTICE is hereby given, that the petition of John Walter Friend, of Freemantle, Southampton, praying for letters patent for the invention of "improvements in the construction of gas meters and in apparatus to be employed in connection therewith for regulating the pressure and flow of gas to the same," was deposited and recorded in the Office of the Commissioners on the 26th day of August, 1863, and a complete specification accompanying such petition was at the same time filed in the said office.

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Inventions.

NOTICE is hereby given, that provisional protection has been allowed

1549. To George Brixey, of Maida-hill, in the county of Middlesex, for the invention of "improvements in apparatus and implements for cleaning spoons and forks."

On his petition, recorded in the Office of the Commissioners on the 20th day of June, 1863.

1614. To Thomas Dunn, of the Windsor Bridge Iron Works, near the city of Manchester, Engineer, for the invention of "improvements in the construction and maintenance of the permanent way of railways."

On his petition, recorded in the Office of the Commissioners on the 27th day of June, 1863.

1865. To George Haseltine, of the International Patent Office, No. 12, Southampton-buildings, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in coal-oil lamps."—A communication to him from abroad by the inventor, Michael Boyd Dyott, of Philadelphia, Pennsylvania, United States.

On his petition, recorded in the Office of the Commissioners on the 27th day of July, 1863.

1872. To Alphonse Anthelme Antoine Baron de Rostaing, of 29, Boulevard, St Martin, Paris, for the invention of "an improved method of manufacturing iron and steel with cast iron taken in a subdivided state."

On his petition, recorded in the Office of the Commissioners on the 28th day of July, 1863.

1909. To Edmund Sutton, of Palace-road, Well-street, South Hackney, in the county of Middlesex, Silversmith, for the invention of "improvements in fastenings for cigar cases, porte monnaies, bags, and other like articles."

On his petition, recorded in the Office of the Commissioners on the 1st day of August, 1863.

1971. To Richard John Cunnack, of Helston, in the county of Cornwall, for the invention of "improvements in the manufacture of cartridges for blasting and projectile purposes."

On his petition, recorded in the Office of the Commissioners on the 10th day of August, 1863.

1975. To Edward Myers, of No. 2, Millbank-row, county of Middlesex, Civil Engineer, and Hugh Forbes, of No. 6, Aberdeen-place, Maida Hill, county of Middlesex, for the invention of "an improved rotary pump."

On their petition, recorded in the Office of the Commissioners on the 11th day of August, 1863.

1997. To John Ellis, of Liverpool, in the county of Lancaster, Millwright and Engineer, for the

invention of "improvements in machinery for scouring, cleaning, and polishing wheat, rice, malt, grain, and other seeds."

1999. To Henry Winchcomb, of 3, China-walk, Lambeth, London, Labourer, for the invention of "improvements in street pillar letter boxes and bags, for the reception of post letters."

2001. To Thomas Ashwin, of Birmingham, in the county of Warwick, Accountant Clerk, for the invention of "a new or improved dress fastening, which said fastening may also be applied to the fastening of braces, belts, and other bands, and to other like purposes."

2003. And to John Henderson, of Bradford, in the county of York, Carpet Manufacturer, for the invention of "improvements in preparing yarns for printing."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of August, 1863.

2008. To Christian Schiele, of Clarence-buildings, in the city of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in fans, pumps, and machinery, for propelling air, fluids or other substances, by centrifugal force."

2011. To Edward Taylor, of Salford, in the county of Lancaster, Machinist, for the invention of "certain improvements in machinery or apparatus for churning."

2013. To Frederick John Jones, of Aldermanbury, in the city of London, Manufacturer, for the invention of "improvements in locks or fastenings."

2014. To Matthew Hodgson Lishman, of Stockton-on-Tees, in the county of Durham, Accountant, for the invention of "improvements in machinery for punching and for marking plates in which holes are to be punched."

2015. To Michel Siegrist, of Ewell, in the county of Surrey, Gentleman, for the invention of "improvements in railway breaks actuated by the pressure of the atmosphere."

2017. And to John Wain, of the city of Manchester, in the county of Lancaster, Mechanic, for the invention of "improvements in machinery, or apparatus for doubling or twisting yarns or threads of cotton, and other fibrous materials."

On their several petitions, recorded in the Office of the Commissioners on the 14th day of August, 1863.

2019. To John William Hoffman, of Rydon-street, in the county of Middlesex, for the invention of "improvements in apparatus for producing optical illusions for stage effect in theatres or exhibitions."

2021. To George Yates, of Oswaldwistle, in the county of Lancaster, Engine Driver, for the invention of "an improved method of, and apparatus for, indicating the number of tubs or other measures or quantities of coal or other substance or material drawn from pits or mines."

2025. To Robert Smith, of the firm of Messieurs Heywood, Higginbottom, Smith, and Company, of the Hyde-road Paper Staining Works, in the city of Manchester, and Jabez Booth, of Gorton, near Manchester aforesaid, Manager, for the invention of "improvements in the manufacture of paper hangings."

2027. To Frederick Flavell, of Welton, near Daventry, in the county of Northampton, Machinist, for the invention of "improvements in shakers for thrashing machines."