

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given, that—

1516. Richard Arthur Wilson, of Cross-lane, Salford, Manchester, has given notice at the Office of the Commissioners of his intention to proceed with his application for letters patent for the invention of "improvements of steam boilers and other furnaces."

As set forth in his petition, recorded in the said office on the 19th day of April, 1877.

1848. And Marshall Arthur Wier, of Shepherds Bush, in the county of Middlesex, has given the like notice in respect of the invention of "new or improved means and apparatus for registering and indicating the entries and exits of passengers to and from vehicles or places, and the fares paid."

1851. And Thomas Ellis, of Sheffield, in the county of York, Machinist, has given the like notice in respect of the invention of "improvements in pistons."

1858. And Arthur Young, of Manchester, in the county of Lancaster, Felt Manufacturer, and William James Richardson Fox, of Batley, in the county of York, Felt Manufacturer, have given the like notice in respect of the invention of "improvements in the manufacture of felted fabrics."

1859. And James Higgins, of Salford, in the county of Lancaster, Machine Maker, Alfred Higgins, of the same place, Machine Maker, and Thomas Schofield Whitworth, of the same place, Manager of Machine Works, have given the like notice in respect of the invention of "improvements in machinery for preparing, spinning, and doubling cotton and other fibrous materials."

As set forth in their respective petitions, all recorded in the said office on the 12th day of May, 1877.

1868. And Henry Bollmann Condy, of Battersea, in the county of Surrey, has given the like notice in respect of the invention of "an improved apparatus for automatically disinfecting and purifying the air in sick rooms or other confined places."

1872. And Mark Walls, of Bolton, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the construction of railway signals."

1883. And Adolph Felsenthal (of the firm of A. and M. Felsenthal and Company), of Bury-court, in the city of London, Merchant and Manufacturer, has given the like notice in respect of the invention of "improvements in hinges."

1887. And Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, has given the like notice in respect of the invention of "improvements in lamp burners."—A communication to him from abroad by the Benedict and Burnham Manufacturing Company, of Waterbury, State of Connecticut, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 14th day of May, 1877.

1889. And Joseph Emerson Dowson, of 3, Great Queen-street, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of "improvements in furnaces for treating ores."

1891. And Benjamin-Joseph Edwards, of 6, The Grove, Hackney, in the county of Middlesex, Photographer, has given the like notice in respect of the invention of "improvements in photographic apparatus."

1897. And Robert Beecroft, Combing Overlooker, and Frederick Henry Wright, Manager of Albion Mills, Halifax, in the county of York, have given the like notice in respect of the invention of "improvements in machinery for combing wool and other fibrous substances."

As set forth in their respective petitions, all recorded in the said office on the 15th day of May, 1877.

1903. And John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in machinery or apparatus for forming screw threads on bolts and in nuts."—A communication to him from abroad by Samuel Sharpless Townsend, of Philadelphia, Peansylvania, United States of America.

1904. And James Lewis Dowling, of Sheffield, in the West Riding of the county of York, Builder, has given the like notice in respect of the invention of "improvements in street and other gullies, and in means and apparatus to free the same from substances which tend to choke them."

1911. And Thomas James Smith, of the firm of Robertson, Brooman, and Company, of 166, Fleet-street, in the city of London, Patent Agents, has given the like notice in respect of the invention of "improvements in the mode of clarifying and of drying sugar in mould."—A communication to him from abroad by Dominique Casalonga, of 15, Rue des Hallés, Paris, France, Engineer.

1918. And James Cort, Engineer, of Trafalgar-road, Old Kent-road, in the county of Surrey, has given the like notice in respect of the invention of "improvements in the construction of valves."

As set forth in their respective petitions, all recorded in the said office on the 16th day of May, 1877.

1919. And William Byram, employe of Messrs. Walton and Brear, of Bradford, in the county of York, Plumbers and Gas Fitters, has given the like notice in respect of the invention of "improvements in hot water valves."

1930. And George Heywood, of Radcliffe, in the county of Lancaster, and Thomas Hacking, of Newton, in the county of Chester, have given the like notice in respect of the invention of "improvements in steam generators."

As set forth in their respective petitions, both recorded in the said office on the 17th day of May, 1877.

1942. And Felix McIlvenna, William Couchman Boulding, and Charles Mark Boulding, all of Liverpool, in the county of Lancaster, have given the like notice in respect of the invention of "improved mode of and apparatus for holding supporting, and displaying umbrellas, sticks, and other articles in shop windows and other places."

1945. And Thomas Whitelaw, of Motherwell, in the county of Lanark, North Britain, has given the like notice in respect of the invention of "improvements in screening, separating, and cleaning coal and other substances, and in the machinery or apparatus employed therefor."

1948. And Hunter Henry Murdoch, of No. 7 Staple-inn, in the county of Middlesex, Patent Agent, has given the like notice in respect of