

tion of "certain new and useful improvements in machinery for propelling vessels, some of which are applicable to other purposes,"—a communication to him from abroad by John Baird, of New York, in the United States of America, Mechanical Engineer,—was deposited and recorded in the Office of the Commissioners on the 23rd day of May, 1878, 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  
2069. Inventions.

**N**OTICE is hereby given, that the petition of Roswell Sabine Ripley, of 8, New-inn, Wych-street, Strand, in the county of Middlesex, praying for letters patent for the invention of "improvements in the process and apparatus for the manufacture of gas for heating and other purposes,"—a communication to him from abroad by William Harkness, of the city of New York, United States of America,—was deposited and recorded in the Office of the Commissioners on the 23rd day of May, 1878, 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  
2096. Inventions.

**N**OTICE is hereby given, that the petition of William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 1, Rue Laffitte, Paris, praying for letters patent for the invention of "a hydro-electric brake, applicable to all rotating or rolling machines, either stationary or movable, and specially to railway trains,"—a communication to him from abroad by Jules Sabatier, Engineer, and Louis Pouget, Engineer, and Director of the Telegraphic Lines, both of Montpellier, France,—was deposited and recorded in the Office of the Commissioners on the 25th day of May, 1878, 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.

**N**OTICE is hereby given, that provisional protection has been allowed—

398. To Leedham Binns, of Oakenshaw Low Moor, in the county of York, Manufacturer, for the invention of "improvements in the means of and apparatus to be employed in the manufacture of ribbon, fringe, and chenille."

On his petition, recorded in the Office of the Commissioners on the 30th day of January, 1878.

1404. To Robert Johnson Watts and James Memnott, both of Sheffield, in the West Riding of the county of York, for the invention of "improvements in the manufacture of scissors."

On their petition, recorded in the Office of the Commissioners on the 8th day of April, 1878.

1462. To George Augustus Pepper Staveley, of 67, Strand, in the county of Middlesex, for the invention of "improvements in the means or appliances for resisting torpedoes or submarine explosive bodies."

On his petition, recorded in the Office of the Commissioners on the 12th day of April, 1878.

1602. To Richard Guelton, of 7, Union-street Berkeley-square, Architect, and David George Sandeman, of 94, Piccadilly, late Captain, 16th Lancers, both in the county of Middlesex, for the invention of "improvements in the process for producing artificial marbles and rendering the same waterproof."

On their petition, recorded in the Office of the Commissioners on the 20th day of April, 1878.

1634. To Samuel Henry Fortnom Cox, of the parish of Saint Columb Major, in the county of Cornwall, Engineer, for the invention of "an improved machine for stamping or crushing ores, and for other like purposes."

On his petition, recorded in the Office of the Commissioners on the 24th day of April, 1878.

1696. To John Calvin Thompson, of Brooklyn, in the county of Kings, and State of New York, in the United States of America, but at present of 23, Southampton-buildings, in the county of Middlesex, for the invention of "improvements in or applicable to berths for passengers and pens, stalls, or boxes for animals on ship board, to retain them in a level position, and to prevent sea sickness."

On his petition, recorded in the Office of the Commissioners on the 27th day of April, 1878.

1794. To Edward John Chambers, of Ipswich, in the county of Suffolk, for the invention of "improvements in darning machines."

On his petition, recorded in the Office of the Commissioners on the 4th day of May, 1878.

1808. To Frank Agnew, Jacob Walker, and Samuel Dorset, all of Wolverhampton, in the county of Stafford, for the invention of "an improved lever action for propelling bicycles, tricycles, and such like vehicles."

1812. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved mode of and means for protecting the openings of windows and doors on the approach of fire."—A communication to him from abroad by Theodor Obach, of Vienna, in the Empire of Austria, Civil Engineer.

1814. To William Henry Clarke and James O'Brien, both of North-street, Hercules-buildings, in the county of Surrey, for the invention of "improvements in household and other fire lighters."

1816. And to William Webster, of Washington, in the United States of America, but temporarily of Clapham, in the county of Surrey, Gentleman, for the invention of "improvements in tension pulleys; and in pulley cord attachments."

On their several petitions, recorded in the Office of the Commissioners on the 6th day of May, 1878.

1822. To Carl Pieper, of Dresden and Berlin, for the invention of "improvements in sewing-machine-tables."—A communication to him from Max Gritzner, Charles Delisle, Rudolf Gritzner, and Julius Gritzner, all of Durlach, Baden.

1824. To George Dalton, of Leeds, in the county of York, Engineer, for the invention of "improvements in machinery or apparatus for breaking or reducing stones and other hard and brittle substances."

1826. To John Napier, of Edinburgh, in the county of Midlothian, North Britain, for the invention of "an apparatus to obviate explosions of boilers and other vessels subjected to pressure."