

letters patent for the invention of "an improved ink stand,"—was deposited and recorded in the Office of the Commissioners on the 6th day of April, 1870, 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
1016. Inventions.

NOTICE is hereby given, that the petition of Charles H. Wight, of Baltimore, State of Maryland, United States of America, praying for letters patent for the invention of "an improved stand or frame for containing paper, pens, ink, and other stationery, in combination with a thermometer and other articles for offices and counting houses," was deposited and recorded in the Office of the Commissioners on the 6th day of April, 1870, 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
1023. Inventions.

NOTICE is hereby given, that the petition of Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Chaussée d'Antin, Paris, in the Empire of France, and 10, Sackville-street, Piccadilly, in the county of Middlesex, Patent Agent, praying for letters patent for the invention of "a new and improved astronomical instrument, called the heliade, by means of which is obtained the true time at mid-day or any other moment of the day, the latitude, the longitude, and the meridian line,"—a communication to him from François Martin Pannetrat, a person resident at Rue St. Dominique, St. Germain, in Paris aforesaid,—was deposited and recorded in the Office of the Commissioners on the 7th day of April, 1870, 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
1048. Inventions.

NOTICE is hereby given, that the petition of Alexander Horace Brandon, of 13, Rue Gaillon, Paris, in the Empire of France, Civil Engineer, praying for letters patent for the invention of "improvements in looms,"—a communication from George Crompton, Loom Builder, residing at Worcester, Mass., United States of America,—was deposited and recorded in the Office of the Commissioners on the 9th day of April, 1870, 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
1051. Inventions.

NOTICE is hereby given, that the petition of James Henderson, of New York, in the United States of America, praying for letters patent for the invention of "an improvement in the manufacture of wrought iron and steel," was deposited and recorded in the Office of the Commissioners on the 9th day of April, 1870, 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
1064. Inventions.

NOTICE is hereby given, that the petition of Charles Clement Walker and William Thomas Walker, of Midland Iron Works, Donnington, near Newport, Shropshire, Engineers, praying for letters patent for the invention of "improvements in centre valves for gas purifiers and other apparatus,"—was deposited and recorded in the Office of the Commissioners on the 12th day of April, 1870, 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
1073. Inventions.

NOTICE is hereby given, that the petition of William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, praying for letters patent for the invention of "improvements in brakes and starting apparatus for railway carriages,"—a communication to him from abroad by Edward Pugh Jones, of Shell Mound, Mississippi, United States of America, was deposited and recorded in the Office of the Commissioners on the 12th day of April, 1870, 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
1074. Inventions.

NOTICE is hereby given, that the petition of William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, praying for letters patent for the invention of "improvements in whiffletrees and in devices employed therewith for readily connecting and disconnecting horses and vehicles,"—a communication to him from abroad by Edward Pugh Jones, of Shell Mound, Mississippi, United States of America,—was deposited and recorded in the Office of the Commissioners on the 12th day of April, 1870, 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—

3646. To Joseph Ghisi, of Lodi, Italy, Merchant, for the invention of "a new or improved spherical ship and machinery for propelling same, which machinery is also applicable to land locomotion, and to motive power engines." On his petition, recorded in the Office of the Commissioners on the 17th day of December, 1869.

33. To Charles Louis Thiery, of Boston, Massachusetts, United States of America, for the invention of "certain new and useful improvements in the manufacture of watch cases, and in machinery for producing the same."

On his petition, recorded in the Office of the Commissioners on the 4th day of January, 1870.

533. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improve-