

the invention of "certain improvements in apparatus for measuring the pressure of air, steam, gas, and liquids," was deposited and recorded in the Office of the Commissioners on the 13th day of October, 1853, 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
2380. Inventions.

NOTICE is hereby given, that the Petition of Auguste Edouard Loradoux Bellford, of 16, Castle-street, Holborn, London, Patent Agent, praying for letters patent for the invention of "certain improvements in the treatment of copper ores"—a communication—was deposited and recorded in the Office of the Commissioners, on the 15th day of October, 1853, 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
2381. Inventions.

NOTICE is hereby given, that the petition of Charles Joseph Louis Cloux, junr., in the Empire of France, and of 16, Castle-street, Holborn (City), London, praying for letters patent for the invention of "a process for the preparation of hemp, after the stripping," was deposited and recorded in the Office of the Commissioners on the 15th day of October, 1853, 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
2385. Inventions.

NOTICE is hereby given, that the petition of Antoine Corvi, Organ Builder, of Paris, in the Empire of France, and of 16, Castle-street, Holborn (City), London, praying for letters patent for the invention of "improvements to stationary and portable organs, with keys and cylinder," was deposited and recorded in the Office of the Commissioners on the 15th day of October, 1853, 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

1281. To William Bauer, of Munich, in the Kingdom of Bavaria, Engineer, for the invention of "improvements in the construction of vessels to be used chiefly at various depths under the surface of the water, and in machinery or apparatus connected therewith, for propelling, balancing, and steering the same, and for carrying on operations of various kinds on or under the surface of the water from within, upon objects without such vessels."

On his petition, recorded in the Office of the Commissioners on the 25th day of May, 1853.

2073. To Philip Grant, of the city of Manchester, in the county of Lancaster, Letter-Press Printer, and John Doherty, of the same place, for the invention of "improvements in the mode or method of cutting and finishing brass-rule and wood greglet, used in the art or process of letter-

press printing and other similar purposes, and in the machinery or apparatus employed therein."

On their petition, recorded in the Office of the Commissioners on the 9th day of September, 1853.

2111. To Louis Achille Brocot, of Paris, in the Empire of France, Clock Manufacturer, for the invention of "an improved construction of astronomical calendar."

On his petition, recorded in the Office of the Commissioners on the 12th day of September, 1853.

2163. To Arthur John Baker, Architect, of No. 51, Burton-crescent, London, for the invention of "strengthening vessels of timber and iron."

On his petition, recorded in the Office of the Commissioners on the 17th day of September, 1853.

2171. To Charles Collins, of the city and county of Hartford, in the state of Connecticut, and United States of America, Manufacturer, for the invention of "the manufacture by machinery of tubes from leather or other suitable flexible substance, chiefly for covering the drawing rolls of spinning machinery, but also applicable to other purposes."

On his petition, recorded in the Office of the Commissioners on the 19th day of September, 1853.

2213. To Francis Frederick Clossmann, of 16A, Park-lane, Hyde-park, in the county of Middlesex, Gentleman, for the invention of "the production and application of certain materials to be employed in the manufacture of textile fabrics, and for other purposes."

On his petition, recorded in the Office of the Commissioners on the 26th day of September, 1853.

2243. To John Summerscales, Shuttle Maker, and Benjamin Bancroft, Shuttle Maker, both of Keighley, in the county of York, for the invention of "improvements in shuttles employed in weaving textile fabrics."

2245. To Thomas Woodcock, of Pultney-terrace, Islington, in the county of Middlesex, for the invention of "improved machinery for carving, cutting, chiselling, and engraving."

2247. To Jean Marie Letestu, Engineer, of Paris, in the French Empire, for the invention of "certain improvements in propelling ships and vessels."

2249. To Isaac Ambler of Manningham, near Bradford, in the county of York, for the invention of "improvements in preparing or combing wool and other fibrous substances."

2251. And to Robert Halliwell, of Bolton-le-Moors, in the county of Lancaster, Mechanic, and William Johnson, of Farnworth, in the same county, Manager, for the invention of "improvements in machinery for spinning and doubling cotton and other fibrous substances, and for grinding-cards."

On their several petitions, recorded in the Office of the Commissioners on the 1st day of October, 1853.

2253. To Michael Dwyer, of Unity-place, Samuel-street, Woolwich, in the county of Kent, a Commander in the Royal Navy, and James Brown, of No. 2, Bridge-terrace, Mile-end, in the county of Middlesex, Machinist, for the invention of "an improvement in anchors."

2255. To William Joseph Thompson, of North Shields, in the county of Northumberland, Russian Vice-Consul, for the invention of "improvements in heating reverberatory and other furnaces."—A communication.

2257. To James Leadbetter, of Halifax, in the