

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given, that—

3216. John Rice, of Southsea, in the county of Hants, Brewer, has given notice at the office of the Commissioners of his intention to proceed with his application for letters patent for the invention of "an improved vessel for beer or other liquid."

As set forth in his petition, recorded in the said office on the 4th day of October, 1873.

3234. And Samuel Sidney Bromhead, of Southsea, in the county of Hants, has given the like notice in respect of the invention of "a new or improved rivet-screw or fastening."

3238. And Thomas Greenwood, of Halifax, in the county of York, Engineers' Tool Maker, has given the like notice in respect of the invention of "improved means or apparatus for grinding, pulverizing, or reducing mortar, loam, ores, or other mineral substances."

3242. And Thomas Hydes and John Emil Bennett, both of Sheffield, in the county of York, has given the like notice in respect of the invention of "improved apparatus for heating the feed water of steam boilers."

As set forth in their respective petitions, all recorded in the said office on the 6th day of October, 1873.

3245. And Edward Samuel Eyland and John Bosley Warren, both of Bristol, in the city of Bristol, has given the like notice in respect of the invention of "an improved mechanical arrangement applicable to pianofortes and music stands for turning over the leaves of music."

3247. And George Gordon de Luna Byron, of New York, in the United States of America, but at present of 89, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the treatment and compounding of cast iron with other metals or materials containing such metals while in a molten state."—A communication to him from abroad by William Mer-norice Arnold, of New York, United States of America.

3254. And Thomas Black Callard, of 1, Queen's-terrace, Saint John's Wood, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in machinery for cutting caramel and such like substances."

As set forth in their respective petitions, all recorded in the said office, on the 7th day of October, 1873.

3257. And Henry Josiah Griswold, of the Hop and Malt Exchange, Southwark-street, in the county of Surrey, Merchant and Manufacturer, has given the like notice in respect of the invention of "improvements in knitting machinery."

3262. And William Fiskin, of Stamfordham, in the county of Northumberland, Presbyterian Minister, has given the like notice in respect of the invention of "improvements in steam cultivating apparatus."

3263. And James Petrie, of Rochdale, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in steam engines."

3264. And Henry Gardner, of 18, Clifton-road, Holloway, in the county of Middlesex, Civil

Engineer, has given the like notice in respect of the invention of "improvements in treating air for the production of hydrocarbon gas, and in apparatus or appliances therefor."—A communication to him from abroad by M. Anton Franz, residing at Düren, in the Empire of Germany.

As set forth in their respective petitions, all recorded in the said office on the 8th day of October, 1873.

3268. And Stanislas Louis Delalot, of Paris, in the French Republic, but at present of 5, Southampton-buildings, Holborn, in the county of Middlesex, Chemist, has given the like notice in respect of the invention of "improvements in the manufacture of iron and steel."

3271. And Joseph Holding, of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in nose-bags and in other appliances employed in the feeding of horses, sheep, and other cattle."

As set forth in their respective petitions, both recorded in the said office on the 9th day of October, 1873.

3283. And Robert Bowman Richardson, of Gateshead, in the county of Durham, Iron Founder, has given the like notice in respect of the invention of "improvements in the construction of doors for puddling furnaces."

3285. And Frank Wirth, of the firm of Wirth and Company, Patent Agency, of Frankfort-on-Maine, Germany, has given the like notice in respect of the invention of "certain improvements in the process of washing yarns and in the apparatus employed therefor."—A communication from John Albert Dold, Manufacturer, of Reutlingen, Kingdom of Wurtemberg.

3297. And Wright Jones, of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in apparatus for regulating the temperature of manufactories, conservatories, and other apartments or buildings."

As set forth in their respective petitions, all recorded in the said office on the 10th day of October, 1873.

3304. And William Tongue, of Leeds, in the county of York, has given the like notice in respect of the invention of "improvements in machinery for combing fibrous materials."

3308. And Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "an improved mode of connecting gas, water, or other pipes."—A communication to him from abroad by Monsieur Galasse-Ketin, of Brussels, in the Kingdom of Belgium.

As set forth in their respective petitions, both recorded in the said office on the 11th day of October, 1873.

3314. And James Manwell, of Glasgow, in the county of Lanark, North Britain, Contractor, has given the like notice in respect of the invention of "improvements in charging horizontal retorts and in apparatus therefor."

As set forth in his petition, recorded in the said office on the 13th day of October, 1873.

3352. And John Barclay Leslie, of 27, Great George-street, Westminster, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "an improved instrument or apparatus for indicating the direction of ocean and other currents."