

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given, that—

4176. John Gamage, of Chelsea, in the county of Middlesex, 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 in the means or apparatus for forming and maintaining ice surfaces and for cooling chambers."
4183. And Francis Murison, of Itlaw, in the county of Banff, North Britain, has given the like notice in respect of the invention of "a new or improved construction of plough."
4184. And David Alexander Traill Christie, of the city of London, has given the like notice in respect of the invention of "improvements in chaff and hay cutting apparatus, part of same being applicable for other cutting purposes."—A communication to him from abroad by Alexander Anderson, of the city of London, in the Dominion of Canada.
- As set forth in their respective petitions, all recorded in the said office on the 28th day of October, 1876.
4203. And John Watson, of Seaham, in the county of Durham, Manufacturing Chemist, has given the like notice in respect of the invention of "improvements in the treatments and utilization of sewage."
- As set forth in his petition, recorded in the said office on the 30th day of October, 1876.
4205. And Armand Micg, now residing at Spandau, in the Kingdom of Prussia, Captain in the Bavarian Army, has given the like notice in respect of the invention of "a new or improved apparatus for controlling the taking of aim with fire arms."
- As set forth in his petition, recorded in the said office on the 31st day of October, 1876.
4222. And Geminiano Zanni, of Highbury, in the county of Middlesex, Medical Electrician, has given the like notice in respect of the invention of "improvements relating to the application of magneto-electricity or magnetism or natural electricity to swimming and other baths for curative and anaesthetic purposes."
4227. And Joseph Holding, of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in or applicable to looms for weaving."
4232. And Joshua Heap, of Rochdale, in the county of Lancaster, Woollen Manufacturer, has given the like notice in respect of the invention of "improvements in the mode or method of raising the pile cover or nap of flannels, cloths, or other materials, and in the machinery or apparatus used therefor."
4233. And Joshua Heap, of Rochdale, in the county of Lancaster, Woollen Manufacturer, has given the like notice in respect of the invention of "improvements in machinery for beaging and sizing woollen, cotton, silk, or other yarns or threads, which improvements are also applicable to other purposes."
- As set forth in their respective petitions, all recorded in the said office on the 1st day of November, 1876.
4235. And Henry Stracey Barron, of 92, Tyrwhitt-road, Lewisham High-road, in the county of Kent, Engineer, has given the like notice in

respect of the invention of "improvements in steam generators."

As set forth in his petition, recorded in the said office on the 2nd day of November, 1876.

4247. And James Hodges, of Bagshot, in the county of Surrey, and James William Butler, of Willesden, in the county of Middlesex, have given the like notice in respect of the invention of "improvements in the manufacture of paving slabs or blocks and other articles of artificial stone or concrete, and in the machinery or apparatus employed therein."

4257. And Peter Jensen, of 33, Chancery-lane, London, has given the like notice in respect of the invention of "improvements in sewing machines."—A communication to him from abroad by Heinrich Pollack, of Hamburg, Germany.

As set forth in their respective petitions, both recorded in the said office on the 3rd day of November, 1876.

4261. And William Wiggins, of Stanmore-street, Caledonian-road, London, Goldsmith, has given the like notice in respect of the invention of "improvements in the manufacture of watches to prevent robbery by breaking the bows thereof."

4268. And James Brooks and William Cooper, both of Mousehole Forge, Sheffield, in the county of York, have given the like notice in respect of the invention of "improvements in the manufacture of anvils."

4272. And John Garrett Tongue, of the firm of Tongue and Birkbeck, Patent Agents and Engineers, of 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, have given the like notice in respect of the invention of "improvements in jars, bottles, flasks, or other vessels made of glass, earthenware, or metal for containing and preserving fruit and other articles of food."—A communication to him from abroad by Alexander Montgomery, of New York, United States of America.

4273. And George Bell Errington Galloway, of 85, Gracechurch-street, in the city of London, Engineer, has given the like notice in respect of the invention of "improvements in the construction or formation of roadways and in appliances connected therewith."

As set forth in their respective petitions, all recorded in the said office on the 4th day of November, 1876.

4276. And Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Rue de la Chaussée d'Antin, Paris, France, and 6, Piccadilly, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "a new or improved breech-loading fire-arm."—A communication from Oscar Moselli, a person resident at Brussels, in the Kingdom of Belgium, Gentleman.

4283. And Joseph Shaw Gent, of Salford, in the county of Lancaster, Machinist, has given the like notice in respect of the invention of "improvements in apparatus employed in the manufacture of gas-burners."

4288. And Lewis Augustus Aspinwall, of Albany, in the State of New York, United States of America, but at present of 33, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the construction of potato diggers."

As set forth in their respective petitions, all recorded in the said office on the 6th day of November, 1876.