

3679. And Charles Denton Abel, of Southampton-buildings, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in furniture castors."—A communication to him from abroad by Pierre Edouard Verschave, of Paris, France, Manufacturer.

As set forth in his petition, recorded in the said office on the 18th day of September, 1878.

3700. And Frank Wirth, of the firm of Wirth and Company, Patent Solicitors, at Frankfort-on-the-Main, in the Empire of Germany, has given the like notice in respect of the invention of "improvements in coloured and lead pencils and in the method and materials for manufacturing the same."—A communication from Emil Mahla, Manufacturer, a person resident at Nürnberg, in the Empire of Germany.

3708. And Everden Wimshurst, of Campbell-road, Bow, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "an improved mode of and apparatus for utilizing the waste heat from the furnaces of marine boilers, and supplying such boilers with distilled water."

As set forth in their respective petitions, both recorded in the said office on the 18th day of September, 1878.

3794. And William Symonds, Junior, and George Barnabas Symonds, both of Potton, in the county of Bedford, have given the like notice in respect of the invention of "improvements in automatic ventilators."

As set forth in their petition, recorded in the said office on the 26th day of September, 1878.

3862. And Henry Bell, James Bell, and Joseph James Coleman, all of Glasgow, in the county of Lanark, North Britain, have given the like notice in respect of the invention of "improvements in processes and apparatus or arrangements for cooling and regulating the temperature and dryness of air in holds, saloons, and cabins of ships, and in railway vehicles, hotels, theatres, halls, factories, hospitals, slaughter-houses, and other interiors."

As set forth in their petition, recorded in the said office on the 1st day of October, 1878.

3967. And John Imray, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the manufacture of potassa and soda carbonates from potassium & sodium chlorides."—A communication to him from abroad by the Société Anonyme de Croix, of Croix, near Roubaix, France, an Incorporated Company.

As set forth in his petition, recorded in the said office on the 9th day of October, 1878.

3999. And Hermann Ernst Thomas Goodson, of Fulham-road, in the county of Middlesex, Plumber, has given the like notice in respect of the invention of "improvements in pressure reducing valves for gas, steam, or water pipes."

As set forth in his petition, recorded in the said office on the 10th day of October, 1878.

4113. And Charles de Nottbeck, Civil Engineer, of St. Petersburg, in the Empire of Russia, has given the like notice in respect of the invention of "improvements in indicating apparatus to be used in connection with the lubrication of machinery."

As set forth in his petition, recorded in the said office on the 16th day of October, 1878.

4141. And John Walker Logan and William Elder, both of the town and county of Berwick on Tweed, North Britain, have given the like notice in respect of the invention of "new or improved apparatus for grinding and sharpening the knives of reaping and mowing machines, the same being applicable for other grinding and sharpening purposes."—A communication to them from abroad by John William Laimbeer, of Oak Park, in the State of Illinois, in the United States of America.

As set forth in their petition, recorded in the said office on the 18th day of October, 1878.

4221. And Maximilian Stanislaus Hassfeld, of London-wall, in the city of London, Merchant, has given the like notice in respect of the invention of "improvements in or applicable to apparatus and fittings for effecting and facilitating the steering and propulsion of vessels, parts whereof are applicable to other purposes."—A communication to him from abroad by Jacob Joachim Kunstädler, of Budapest, in the Kingdom of Hungary.

As set forth in his petition, recorded in the said office on the 22nd day of October, 1878.

4235. And Thomas Galloway, of Gateshead, in the county of Durham, has given the like notice in respect of the invention of "improvements in means or devices for fastening or securing laces."

As set forth in his petition, recorded in the said office on the 23rd day of October, 1878.

4276. And Charles Jones, of Derby, in the county of Derby, has given the like notice in respect of the invention of "improvements in machinery and apparatus to be employed in foundries."

4277. And David Elkan, of the firm of Jacobs and Company, of Finsbury, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in umbrella tip fasteners."

As set forth in their respective petitions, both recorded in the said office on the 25th day of October, 1878.

4352. And Samuel Cutler, of Millwall, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in gas valves, and in the arrangement of the pipes connecting them with the vessels with which they may be employed."

As set forth in his petition, recorded in the said office on the 29th day of October, 1878.

4376. And Alexander Scott, junior, of Greenock, in the county of Renfrew, North Britain, Sugar Refiner, and Andrew McDonald, of Glasgow, in the county of Lanark, North Britain, Manufacturing Chemist, have given the like notice in respect of the invention of "improvements in treating and utilising residual liquids obtained in manufacturing or refining sugar."

4379. And Thomas Manuell, of Bolton, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the construction of apparatus for lubricating crank or other shafts."

4382. And John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in the permanent way of railways."—A communication to him from abroad by Jules Antoine Joseph Vautherin, of Paris, in the Republic of France.

4383. And William Gray, of Sheffield, in the county of York, File Manufacturer, has given the like notice in respect of the invention of